



Version 7.1

Prepared By:

UnifyCloud[™]

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1. Introduction

1.1 **PURPOSE**

The purpose of this document is to assist users on how to acquire and use the functionality of the CloudRecon® Web Portal to identify opportunities in their current IT environment to utilize Cloud services to reduce cost, provide business agility, and drive innovation.

This document will also assist users on how to use the AIS Web Portal to check the "Assessment Insight Reports" for the purchased license.

1.2 **O**VERVIEW

The CloudRecon[®] Web Portal is used to perform a high-level analysis of an IT environment (e.g., servers, client devices, workloads, and applications, VMs, storage), which can be migrated to Cloud environments including Software as a Service (SaaS), Platform as a Service (PaaS), or Infrastructure as a Service (IaaS) such as those available from Microsoft (e.g., Office 365, Dynamics, Azure).

CloudRecon[®] utilizes data from an IT discovery tool, such as the Microsoft Assessment and Planning Toolkit (MAP). When a CloudRecon[®] customer runs an IT discovery tool, this tool will create the inventory data of customer's on-premises environment such as the number of systems, number of the database server, the type of application, infrastructure etc. The CloudRecon[®] Web Portal will then use this inventory data and generate assessments.

These assessments are available, depending upon the licensing acquired, in the form of a downloadable Cloud-Ready report and/or a set of web-based analyses with drill-down capabilities down to the machine, VM or application level. These reports provide roadmaps covering migration to Azure PaaS / IaaS, Office 365, with a special focus on Windows Server 2003 and SQL Server 2005 that are now beyond End of Service. It also contains a high-level Security Risk Analysis based on IT environment data and cost estimates comparing on-premises and Cloud environments.

AIS report will be generated as a detailed analysed report for the existing IT infrastructure of On-Premises and include analysis for SaaS – Office 365, IaaS, or PaaS – Azure. It provides a strategic approach to consider for migration of applications from On-Premises to cloud. Following are the parameters, based on which an "Assessment Insights Service Report" is generated.

- Customer Contact Name
- Customer Organization Name
- Customer Organization Address
- Customer City, State/Province, Postal Code
- Partner Contact Name





- Partner Organization Name
- Partner Organization Address
- Partner City, State/Province, Postal Code
- Number of Employees
- Number of Locations
- Additional Info
- IT Environment Info
- IT Infrastructure Discovery Tool
- Upload Logo

1.3 WHEN TO USE CLOUDRECON WEB PORTAL

When the environment components of your application need to be moved to Azure, you need to check if the components are compatible with the Azure platform to ensure that they can be successfully migrated to Azure environment. This compatibility check can be performed by using **CloudRecon Web Portal**.

AIS Use - To generate POE report for the following selected services:

- Cloud Readiness Report
- Infrastructure Report
- Cybersecurity Report
- Cloud Productivity Report
- Server Optimization Report



2. Licensing the Product

To use CloudRecon portal, you need to register yourself.

1. Go to the CloudAtlas link https://www.cloudatlasinc.com

The CloudAtlas Home page will display.

2. Go to **PRODUCTS > CLOUDRECON** as shown in Figure 1: CloudAtlas - Home Page.



Figure 1: CloudAtlas - Home Page

- 3. This will display a page as shown in Figure 2: CloudRecon Assessment Tool.
- 4. Click on Visit Portal button as shown in Figure 2: CloudRecon Assessment Tool.



Figure 2: CloudRecon Assessment Tool

5. Click on **Request a Demo** button as shown in Figure 3: Request Demo



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Figure 3: Request Demo

NOTE: System generated mail will be sent to the user – account, including a link to CloudRecon Homepage.

You will get the Schedule Demo page as shown in Figure 4: Schedule Demo

6. Fill the required details and then click on **BOOK** button to schedule a demo.

UnifyCloud							
Initial consult I hour							
	October 22						
<	> Od	tober 20)19				
Su	Мо	Tu	We	Th	Fr	Sa	2:00 pm 3:00 pm 11:00 pm
				3	4	5	
6		8	9	10	11		
	14	15	16		18	19	
	21	22	23	24	25	26	
	28	29	30	31 Al time	es are in (i	JTC+05:30) Chennai,	Kolkata, Mumbal, New Delhi V
	Add your details						
Nam	0						Please let us know if you have any special requests. Thank you.
Emai							Notes (optional)



TO DO LIST

- 1. The user will be redirected to the CloudRecon Homepage. Click Login.
- 2. Login page for the CloudRecon appears with login functionality for AD and Custom authentication to access the portal.
- 3. By default, the dashboard will display a sample report for the existing system-uploaded inventory.





3. Process Inventory Data with CloudRecon Client Application

If you do not have the CloudRecon Client Application, click **DOWNLOAD CLIENT APP**, as shown in Figure 22: View Dashboard

Install the "*CloudReconClientAppSetup*." You will get a shortcut icon of "CloudRecon Client App" on your desktop as shown in <u>Figure 5: CloudRecon Tool</u>.



Figure 5: CloudRecon Tool

Double-click on CloudRecon icon, You will get the CloudRecon Client application start page as shown in <u>Figure 6: CloudRecon Client Application</u>.



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Figure 6: CloudRecon Client Application

i. Import Data

CloudRecon Client Application will process the inventory data generated by the MAP/Lansweeper tool to convert the data into CSV Zip file format.

To do so, click **Import Data** in the left panel of the screen, as shown in <u>Figure 7</u>: <u>Import Data</u>.



Figure 7: Import Data

NOTE: In Import Data, there are two options to convert .bak/.sdf file into csv zip file format. 1. MAP Toolkit/Lansweeper (.bak) 2. Lansweeper (.sdf).

Go to 'MAP Toolkit/Lansweeper (.bak)' to Import data of MAP Toolkit/Lansweeper (.bak) file to convert into CSV Zip file format.

OR

Go to 'Lansweeper (.sdf) to import data of Lansweeper (.sdf) file to convert into CSV Zip file format.

MAP Toolkit/Lansweeper (.bak)

- Choose SQL Server Instance Name in Server Name as Shown in Figure 9:MAP Toolkit/Lansweeper (.sdf).
- Choose Authentication type Windows/SQL Server, in case of SQL Authentication type, need to provide username and password.
- Choose the data base file generated by MAP Tool.



• Click on Import Data to Convert CSV Zip File Format.

CloudRecon Client Application		
🗏 Start 🛛 😒	Import Data	Version . 1.5 View vento
🔄 Import Data 🛛 😒		Unitycloud
MAP Toolkit/Lansweeper(.bak)	Description	This utility enables inventory data extraction from a MAP database. Output is saved in CSV format.
Lansweeper(.sdf)	Data Connection Info	Provide required data connection details to connect your data. If "Authentication Type - Windows or SQL Server" is selected, it will use the provided credentials. In case of LocalDB, there should be a LocalDB instance for Server Name - By default (LocalDB)\MAPToolKit. The Database Name must be the same as you defined when setting up MAP.
	Server Name 👔	✓ ✓ Eg- contoso.com
	Authentication Type	Windows SQL Server
	Username	
	Password	
	Database Name 👔	Choose Database File(.bak) OR Browse
		Import Data
	Results	

Figure 9:MAP Toolkit/Lansweeper (.sdf)

OR

Lansweeper (.sdf)

- Choose Lansweeper (.sdf) File Generated by Lansweeper Tool as shown in Figure 9: Lansweeper (.sdf) Import Data.
- Click on Import to convert Lansweeper (.sdf) to convert into CSV Zip File Format as shown in Figure 9: Lansweeper (.sdf) Import Data .

CloudRecon Client Application	-	• ×
🗏 Start 🛛 📀	Version : 1.5 💽 View	Demo
🔄 Import Data 🛛 🕑	Import CSV Files	cloud
MAP Toolkit/Lansweeper(.bak) answeeper(.sdf)	Description Exctract all data from .sdf file to CSV file.	
	SDF Source Selector	
	Source SDF Folder: Browse Import	
	Pesut	



Figure 9: Lansweeper (.sdf) Import Data

ii. Encrypt Data

To protect your organization information and sensitive data, needs to be encrypted.

NOTE: Encrypt the data which is import by MAP Toolkit/Lansweeper (.bak) OR Lansweeper (.sdf).

1. Click on Encrypt CSV tab IN Left panel as shown in <u>Figure</u> <u>10: Encrypt Data</u>



Figure 10: Encrypt Data

2. Enter the Source CSV folder path and Click **Encrypt CSV** to encrypt the CSV file. Refer to <u>Figure 11: Encryption of CSV files.</u>



Figure 11: Encryption of CSV files

3. For Encryption, Enter the Encryption Password. Refer to Figure 12: Encryption Password of CSV Files.

CloudRecon Client Application							– 🗆 🗙			
≡ Start 📀						Version: 1.5	🕑 View Demo			
Enport Data	Encryption of CS	V Files					UnifyCloud			
MAP Toolkit/Lansweeper(.bak)	Description This utility automatically takes a say of says file/the set folder onto which is generated after callecting data and after generating all the									
Lansweeper(.sdf)	sensitive informa	ition will be encrypted.	source file(the csv folde	r path which is generate	ed after collecting d	ata) and after proces	sing all the			
🎤 Encrypt Data 🛛 😔										
Encrypt CSV	CSV Source Selector									
	Source CSV Folder: C:W	Jsers\pwruser\Docun	nents\UnifyCloud.Ass	essorTool_1.0.0_Fi	nalCode_24_juľ	Encrypt CSV				
	Result	Encryption Password		×						
		Encryption Password*	-							
		Confirm Encryption Password*								
			ОК	Cancel						

Figure 12: Encryption Password of CSV Files

4. Select columns to encrypt as shown in <u>Figure 13: Encryption of column</u> in <u>CSV Files.</u>





CloudRecon Client Application			-						
≡ Start 🛛 👁		Version	: 1.5 🕟 View Demo						
Import Data	Encryption of CSV Files	- 🗆 X	UnifyCloud						
MAP Toolkit/Lansweeper(.bak)	Encryption of C	Encryption of CSV Files							
Lansweeper(.sdf)	Description	ur organization sensitive data, CloudRecon Client application encrypt snsitive information with some unique	processing all the						
Encrypt Data	key values. be	low matrix details are shown the data elements which will be encrypted:							
cha pr cor	Select	Columns							
		ProductName							
		NetworkNodeHostname							
		KemelName							
		MachineHardwareName							
		skuName							
		serviceName							
		softwareVersion							
		CurrentUser							
		Countrycode							
		RegisteredUser							
		Model							
		DNSName							
		Name							
		Pathname							
		AssetUnique							
		Domain							
		OSname							
		Usemame							
		Userdomain							
		Processor							
		IP Address V							
		ОК	1						

Figure 13: Encryption of column in CSV Files

iii.Upload Data

To upload the inventory file, click **Upload Data** in the left pane of the screen, as shown in Figure 14: Upload File.



Figure 14: Upload File



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Click on upload Data it will Redirect to CloudRecon Portal Shown in Figure 15: Upload File.



Figure 15: Upload File



iv. Decrypt Data

To decrypt your downloaded encrypted report from CloudRecon portal.

Click decrypt data on left panel to decrypt the CSV file as shown in Figure 16: Decrypt Data



Figure 16: Decrypt Data

- Choose the file to decrypt CSV of encrypted CSV generated by CloudRecon Portal.
- Click on decrypt CSV to decrypt the encrypted CSV as shown in Figure 17: .

CloudRecon Client Application	- 🗆 X
≡ Start 📀	Version : 1.5 🜔 View Demo
🕞 Import Data 😔	Decrypt downloaded reports
MAP Toolkit/Lansweeper(.bak)	Description
Lansweeper(.sdf)	This section is use to downloaded genrated report to decrypt: 1. LiftShift Repot.
🎤 Encrypt Data 🛛 👻	2. SQL Dtu Report. 3. SQL Vyorge Report
Encrypt CSV	4. SQL MI Report.
🗘 Upload Data 🔊	CSV Source Selector
🎤 Decrypt Data 🛛 👽	Source CSV Folder: Browse Decrypt Report
Decrypt	Result

Figure 17: Decrypt Data





This section is used to download generated report to decrypt:

- 1. Lift & Shift Repot.
- 2. SQL DTU Report.
- 3. SQL vCore Report.
- 4. SQL MI Report.

oudRecon Client Application	1				- 0
Start 🔗				Version :	1.5 🕟 View Demo
Import Data 🗸 🗸	Decrypt downl	baded reports			UnifyCloud
oolkit/Lansweeper(.bak)					
eeper(.sdf)	Description This section	is use to downloaded genrated report to de	ecrypt:		^
	1. Lift	hift Repot.			
Encrypt Data 🔊 🔊	2. SQ	Dtu Report.			
	3. SQ 4. SQ	VCORE REPORT. MI Report.			
Upload Data 📀					
Decrypt Data	CSV Source Selector				_
	Source CSV Folder:	Sql Manage Instance Sizing & Summ	ary(US East) (3).xlsx	Browse	Decrypt CSV
ot CSV		CloudRecon	×		
	Result				
		Enter your password			
		0	K Cancel		

Figure 18: Decrypt Data

Enter Password to decrypt data as shown in Figure 18: Decrypt Data.

You can also upload these all three file formats by using the CloudRecon web portal.

To do so, follow the steps below:

Go to the CloudRecon Web portal

https://www.cloudrecon.cloudatlasinc.com/Home.aspx

The login page will display



1. To access your account, log in with your CloudRecon ID on CloudRecon portal and click **Sign in with CloudRecon ID** as shown in <u>Figure 19: Login Page.</u>

NOTE: You can even sign in with your **Work or School Account (Microsoft ID)** to access CloudRecon portal.



Figure 19: Login Page

2. On the CloudRecon login page enter your credentials and click **Login** as shown in Figure 20: CloudRecon – Registered User Login



Figure 20: CloudRecon – Registered User Login

A detailed description of multiple scanner tools, to show how to perform inventory and connect with CloudRecon to generate a report window apperas.

Click **Got It** or select **Do not Show Me Again** check box as shown in <u>Figure 21: Choose Data</u> <u>source.</u>

Vietame.		MAP looi Kit	Steps for Map Tool Kit	
		Azure Migration Service	Download, Install and Run MAP Tool	
	System Center	System Center	Download Microsoft Assessment and Planning Toolkit. Install and Run MAP Tool	
		Universal Data Model	Create inventory database Create inventory database Create inventory database which will be used to save inventory data, by default SQL express is installed when installing MAP tool, SQL	
	(MOVERE	Movere	express is used to nost the inventory dotabase. 3 Perform an Inventory & Collect Performance Data	
	Lansweeper	Lansweeper	Select Inventory scenarios, since MAP tool can be used to target different scenarios like SQL database consolidation, VM migration, Lync readiness check etc. Database the discusse mathematical	
	Servicenew	Service Now	Select an account that have administrative permission on the targeted servers, you can add more than one account. Prioritize the credentials of all the provided computers	
	miles Security (to snow) Snow	Enter computers and technologies, which are used to collect information Provide connection properties such as TCP/IP Port or encryption		
	FLEXERA	Flexera	 MAP root can collect performance add for both Windows or Linux based machines. The auration for performance metric collection should be at least 24 hours (recommended). 	
	(sv	RV Tool	4 Report Generation Collect data from your local DB and upload it on CloudRecon portal to generate DCMR, Quality Assessment and AIS Report.	
	solarwinds	Solar Wind	Click here For Detailed Steps	
		CloudRecon Custom Template		
	11 S		Don't Show Me Again Got It	





You will be redirected to the CloudRecon Web portal '**View Dashboard**' page as shown in <u>Figure 22: View Dashboard</u>

CloudRecon®	≡					Custom Template Custom Template Custo
Welcome, DemoUser	View Dashboard CloudRecon - Access and Monitor	Phase				Select Region US East
GENERAL	File Name	Uploaded By	Uploaded Date	Uploaded Via	File Processing Status	Action
Upload Inventory ~	MapSampleT.bak	Demo@unifycloud.com	2/25/2020 3:45:21 PM	Portal	✓ Processed	🏨 View Dashboard 👔 Data Quality 🔊 Start Migration 🗹 Edit
📑 Azure Migrate 🗸 🗸	ContosoNY.bak	Demo@unifycloud.com	12/30/2019 2:15:46 PM	Portal	✓ Processed	Kiew Dashboard Min Data Quality Start Migration Edit
View Dashboard >						
醟 User Management >						

Figure 22: View Dashboard

As per the analysis of uploaded inventory, CloudRecon provides the assessment of that scanned data in distinct categories:

View Dashboard
View Data Quality

: Modernization report shows the application, machines, and other infrastructure details. It provides a roadmap for migrating to "Modern IT" using Office 365, SQL Database, and the Azure platforms with the cost comparison result of on-premise vs cloud.

: Analyze the uploaded inventory to measure the quality of that uploaded scanned inventory data.

	~	This page provides SAP	Assessment Details								Sized on:	 95 Perce 	entile () As Is Configuration	
Welcome, User		3 Cost Summary	I SAP Machines	S Managed Di	sks 📕 Other Services	A Backup and D	R 🛛 Assu	umptions	0 Questionnaire					
DemoInventory				1	app Server Compute Co	st	App Server	r Storage C	ost	APP Server DR	Cost			
Upload Inventory	~	384.07		-	pay as u go 94.17		DB Server S	2.4		DB Server DB Cost		0	3.95	
View Dashboard	>	Total Cost			pay as u go 277.4		bb Server 3	6.15		DB Server DK Cost		0	0 Networking Co	
Missing/Update Info	~	Select SLA			On-Premise Det	ails		∧ On	-Azure Details		4			
OnPrem Inventory	~	99.9 (Replication)			1 2			1 SAP Ann Server		2 SAP DB Server 2 -				
Cloud Migration	~	CAD Ciging Cumm			and App server	54 55 56		JAI	App Server	SAF DD Serve				
Cloud Migration Premium	~	SAP Sizing Summ	Pay as you go		1 ye	ar reserved			3 year re	eserved	0	OnP	remise On Azur	
		Linux		Cost	Linux		Cost	Linux		Cos	t	Month	hi Cost Comparie	
		Compute Cost		371.57	Compute Cost	1	231.73	Compute	Cost	172.	09	Month	iy Cost Comparis	
🖵 AVD (New Assessme	ent)	Storage Cost		8.55	Storage Cost		8.55	Storage C	ost	8.5	5	500		
SAP (Lift & Shift)	>	Windows Windows Windows						ž ara						
		Compute Cost		0	Compute Cost		0	Compute	Cost	0	2	230		
Azure Vmware Solut	ion >	Storage Cost		0	Storage Cost		0	Storage C	ost	0		0		
Sustainability	>	Network Cost		3.95	Network Cost		3.95	Network	Cost	3.9	5		Compute Cost	
Data Estate	~	Total Cost		384.07	Total Cost	2	44.23	Total Cost	t	184.	59	Pay a	s you go 🛛 😑 1 Year	
		Network Cost (Optio	nal)	217.64	Network Cost (Optional)	1	17.64	Network C	Cost (Optional)	217.	54	• 5 Tea	1	

Figure 23: New UI Experience



4. CloudRecon SQL Collector Tool

By using this tool, Customer does not have to scan for SQL data multiple times on every server they have on their on-prem environment. Using this tool, the goal is to simply run it on only one machine and the tool will fetch SQL data from all the on prem servers.

Get to the "Collect SQL Info" Tab. You will see the "Introduction" section of the tool that shows the required inputs it needs to fetch SQL data along with the process of scan as shown in Figure 24: Collect SQL Info

🗏 Start 🛛 🕑	Version : 1.5 🕑 View Demo
🖆 Import Data 📀	Collect SQL Info Introduction and Overview
Sollect SQL Info SQL Info	
	Required input to collect data • Server Name • Credentials
	Enter Server Name Enter Credentials Start Scan Collect Data Collect Data
	Note :- 1- This tool does not collect any confidential information. All entered details will remain in the memory and will be lost from the tool once you close it. 2- Make sure you close the input file before importing it.

Figure 24: Collect SQL Info

The SQL Collector Tool needs:

- Server Name(s) present on customer on on-prem environment.
- Credentials (Account name/Password) for the server, so that a connection could be established with the server to fetch data.

Once these inputs are provided the tool will fetch the SQL information and generates an output .csv file that contains SQL data and can be exported.



Note: This tool does not collect any confidential customer data. Whatever data customer enters in the tool remains only on the local memory and the same is lost when the tool is closed.

COLLECT SQL SERVER INFORMATION

Click on 'Collect Data' under 'Collect SQL Info' tab, you will get the page where customer must provide input to the tool so that it could scan for SQL data as shown in Figure 25: <u>Collect</u> Data

∃ Start 🔗	Version : 1.5 🕟 View Demo
Import Data	Collect SQL Server Information
👼 Collect SQL Info 🛛 😔	Description
Collect Data	Collect SQL Server Instance and Database details
	Servers Credentials Server Name*:
	Start Scan

Figure 25: Collect Data

I. Add Servers

• **Manual Method**: Under the "Servers" option you need to enter the name(s) of the servers that contain the SQL data and add them one by one by click on "Add" button as shown in Figure 26: Manual Method to add SQL Server

CloudRecon [®]		Unify <mark>Cloud</mark> ™
Start Import Data Import Data Import Data Collect SQL Info Import Collect Data	Collect SQL Server Information Description Collect SQL Server Instance and Database details	Version : 1.5 View Demo
	Servers Server Name*: Add Remove Import Server	Credentials
		Start Scan

Figure 26: Manual Method to add SQL Server

• **Bulk Import Servers**: Click on the "Import Server" Button and the tool will let you import servers in bulk via a .csv file. You can mention the server names in the file to import the save using this feature as shown in <u>Figure 27: Bulk</u> <u>import Servers</u>

≡ Start 📀	Version : 1.5 () View Demo
Import Data	Collect SQL Server Information
Collect SQL Info	Description Collect SQL Server Instance and Database details
	Server Name*: Add Credentials Credential Common SQL Credential Account Name*: Password*: Confirm Password*:
	Start Scan



Note:

*Make sure that the first row of the file you are uploading as input for "Import Servers" does not contain any server name as the tool by default considers the first row as column name.

*The user must also make sure that you close this import file before importing into the tool. If the file is not be closed, the tool will not be able to import the data.

II. Add Credentials

• **Common SQL Credentials**: If all the servers added have a common credential, then simply mention the Account Name, Password and click on "Start Scan." Make sure you check the option for 'Common SQL Credential' as shown in Figure 28: Common SQL Credentials

≡ Start 🛛 😒	Version : 1.5 View Demo
🔄 Import Data 🛛 🔊	Collect SQL Server Information
👼 Collect SQL Info 🛛 😒	Description
Collect Data	Collect SQL Server Instance and Database details
	Servers Server Name*: Add Credentials Credential Crede
	Start Scan

Figure 28: Common SQL Credentials

• **Specific SQL Server Credential List**: If the credentials of the servers are different then select this option and one by one enter the credentials for the added servers as shown in Figure 29: Specific SQL Server Credential List

CloudRecon®			UnifyCloud™
Start ○ Finport Data ○ Collect SQL Info ○ Collect Data	Collect SQL Server Information Description Collect SQL Server Instance and Database details Servers Server Name*: Add Remove Import Server	Version : Credentials Common SQL Credential Account Name: Password : © Specific SQL Server credential list Add Remove Start S	1.5 View Demo

Figure 29: Specific SQL Server Credential List

III. Start Scan

Click on 'Start Scan' button once you have entered the input details. Once the scan starts the tool will try to establish a connection with all servers one by one and will fetch the SQL Server information as shown in Figure 30: Scanning

Import Data	Collect SQL Server Info Description Collect SQL Server Instance and Database deta	ormation		
	Servers Server Name*: Ishsh hshgh	Add Remove Remove Recount Name : Password : Confirm Password : Specific SQL Ser	International State Stat	
	Scan Initialized Please Wait Built a connection with tshsh Server			

Figure 30: Scanning

Download the Output .csv SQL data file by clicking on the Excel icon as shown in Figure 31: Download Excel

udRecon [®]					UnifyClou
Start 🤇					Version : 1.5 View Demo
Collect SOL Info	🔁 Collect SQL Se	erver Information			
ollect Data	Description Collect SQL Server Instance an	d Database details			
	Servers Server Name* :		Credentials Common SQL Cree	dential	
		Add	Account Name	demo	
	Demo Server	Import Server	Confirm Password :	*****	
			O Specific SQL Ser	ver credential list	
					Add
					Remove
					Start Scan
	Scan Initialized Please Wait Built a connection with Demo Se	rver			
	Create Csv File		AllC		

Figure 31: Download Excel

The output .csv file downloaded will contain the SQL server information in below format.

A A	В	C	D	E	F	G	Н	1	J	K	L	М	N	0	Р
1 *ComputerName	*InstanceName	*ProductN	*Version	*Edition	*DatabaseName	*DatabaseSize	*LogFileSize	*Log Files	*IsRunning	*IsRunning	*IsRunning	*SQLCPU(%)	*SQLIO(%)		
2 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	master	5	4		FALSE	FALSE	FALSE	99.39	12.54		
3 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	tempdev	8	8		FALSE	FALSE	FALSE				
4 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	modeldev	8	8		FALSE	FALSE	FALSE				
5 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	MSDBData	23	28		FALSE	FALSE	FALSE				
6 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	233	2		FALSE	FALSE	FALSE				
7 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	43	21		FALSE	FALSE	FALSE				
8 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	33	1		FALSE	FALSE	FALSE				
9 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	26	2		FALSE	FALSE	FALSE				
10 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	27	2		FALSE	FALSE	FALSE				
11 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	127	214		FALSE	FALSE	FALSE				
12 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	27	2		FALSE	FALSE	FALSE				
13 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	108	68		FALSE	FALSE	FALSE				
14 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	126	214		FALSE	FALSE	FALSE				
15 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	29	2		FALSE	FALSE	FALSE				
16 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	127	214		FALSE	FALSE	FALSE				
17 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	27	2		FALSE	FALSE	FALSE				
18 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	68	68		FALSE	FALSE	FALSE				
19 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	33	3		FALSE	FALSE	FALSE				
20 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	33	3		FALSE	FALSE	FALSE				
21 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	22	2		FALSE	FALSE	FALSE				
22 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	30	2		FALSE	FALSE	FALSE				
23 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	31	2		FALSE	FALSE	FALSE				
24 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	29	2		FALSE	FALSE	FALSE				
25 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	65	1		FALSE	FALSE	FALSE				
26 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	S4E	44	9		FALSE	FALSE	FALSE				
27 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	23	2		FALSE	FALSE	FALSE				
28 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	39	1		FALSE	FALSE	FALSE				
29 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	72	23		FALSE	FALSE	FALSE				
30 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	23	2		FALSE	FALSE	FALSE				
31 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	MAP_SampleDB	336	99		FALSE	FALSE	FALSE				
32 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	108	214		FALSE	FALSE	FALSE				
33 cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Invetory100313052016172922	183	9		FALSE	FALSE	FALSE				

Figure 32: Output .csv file





SCENARIO: 1- UPLOAD INVENTORY DATA

On the **Upload Inventory** tab, click **Select a File** box to choose and **upload** the file as shown in Figure 33: CloudRecon – Map

There are following types of data format that can be uploaded:

- 1. MAP.
- 2. Lansweeper.
- 3. Universal Inventory.
- 4. Flexera.
- 5. Custom Template.
- 6. RV Tool.
- 7. Merge Inventory.
- 8. Azure Migrate.
- 9. Movere.
- 10. Block64.

NOTE: The .csv and encrypted .csv can only be generated by CloudRecon client application whereas .bak file can be uploaded generated by multiple scanner tools.

4.1 UPLOAD MAP DATA

On the Upload Inventory tab, click Map tab as shown in Figure 33: CloudRecon <u>– Map</u>

Scanned inventory data can be uploaded on CloudRecon portal in .bak format.

CloudRecon®	Unify <mark>Cloud</mark> ™
	🚍 🗖 Cotation Temptate 🖉 🧟 Contact support 👂 DemoUser(Owner) ~
Welcome, DomoUser GENERAL Dipload Inventory Dipload Jak Fie Upload CSV 20 File	♦ Upload Inventory File (.bak format) CloudRecon - Access and Monitor Phase Collect Data From Other scanner tool Collect Data From Other scanner tool Collect Data From Other scanner tool Collect Data Collect Data
Larenvecper	Total CloudRecon License 150 License Consumed 3 License for Team Member 0 Note:
▲ Movere ✓ Movere Sync , Upbad CSV File , □ Biscold , ○ Support ✓	Upload Copyright © 2021 UnifyCloud All rights reserved.

Figure 33: CloudRecon – Map

4.1.1 Upload .bak file

Click on upload .bak file as shown in Figure 34: CloudRecon-Upload inventory .bak file

CloudRecon®	E Custom Template. F B & Contact support D DemoUser(Owner) ~
Welcome, DemoUser	Upload Inventory File (.bak format) CloudRecon - Access and Monitor Phase
GENERAL	
lpload Inventory 🗸	Collect Data from Map Tool
🛓 MAP 🗸 🗸	and the protocol of the protocol occle of the protocol occle occ
Upload .bak File 🗲	Collect Data
Upload CSV Zip File	From Other scanner tool
🛓 Lansweeper 🗸 🗸	
🔹 Elexera 🗸 🗸	Total CloudRecon License 150 License Consumed 3 License for Team Member 0
🕰 Custom Template >	Note:
🙃 RV Tool 🛛 🔶	🗘 Before upload make sure , bak filename should not contain special character and space.
SolarWind	File Upload
Merge Inventory >	
Azure Migrate >	🖀 Select a File
🔺 Movere 🗸 🗸	
Movere Sync >	
Upload CSV File >	
Block64 >	
O Support	Upload Copyright © 2021 UnityCloud All rights reserved.

Figure 34: CloudRecon-Upload inventory .bak file



UnifyCloud[™]

1. A Dialog Box will open, select the file, and click Open as shown in Figure 35: CloudRecon - Upload File

CloudRecon®	=		🛆 Custom Tempides 🖉	Contact support DemoUser(Owner) -
Welcome, DemoUser	Upload Inventory File (.bak for CloudRecon - Access and Monitor Phase	ormat)		Dewntoed Client Application
GENERAL				
Upload Inventory ~		Collect Data by CloudRecon Clent App/ CloudRecon Web Pertal	Report Report	
1 MAP ~		Date	til C Dashbo	sard
Upload bak File >		← → + ↑ → This PC → Documents → New	v & Search New P	n Service)
Upload CSV Zip File	Fro	Ormanize - New folder	III . II O Port	1. JETTINE)
* 1		A Name Date modified	Type Size	
· · · · · ·	Total CloudParen Lineara	Quick access MapSample.bak OI-00-3019 11:58	BAKFile 1,41,000 KB	
L Plexon V	Note:	OneDrive OneDrive Sql Manage Instance Sizing & Summary(27-02-2920-08-38	Microsoft Excel W., \$1 K8	
Custom Template	Note:	3 10 Objects		
🕰 RV Tool 🔹	File Upload	Desktop		
Merge Inventory		Documents		······
🖌 🌉 Azure Migrate 🔹 🕨		The second secon	and the second se	
🕹 Movere 🗸 🗸		Fire Dame	Open Cancel	
Biock54				
Azure Megrane				
🙆 View Dashboard 📀	Company of the second se			
	Upload			
User Management 3				
				() Support

Figure 35: CloudRecon - Upload File

4.1.2 Upload CSV Zip file

1. Click on Upload CSV zip File as shown in <u>Figure 36: CloudRecon -</u> <u>CSV zip</u>

CloudRecon®	E Contact support
Welcome, DemoUlser	Upload Inventory File (CSV files in .Zip format) Clodeflecon -Access and Monitor Phase
GENERAL	
Upload Inventory ~	Data Quality
L MAD V Upload Jok File > Upload CSV Zip File	Collect Data from Map Tool
• ± Lansweeper -	
1 Flavora	
Custom Template	Total CloudRecon License 100 License Consumed 1 License for Team Member 0
A BY Text	
	Part di stari
A Marine	Urop files nere
U BROCKOL	
Azure Migrate 🗸	*Upload only CloudRecon Client Application generated. Zip File
🔹 View Dashboard 🕠	CP before updrad make sure. Hename should not contain special character and space.
👹 User Managoment 🔹	\hat{G} All CDV file generated by CloudRecon client app should be in .zip file.
	() Support

Figure 36: CloudRecon - CSV zip



A Dialog Box will open, select the file, and click Open as shown in Figure 37: CloudRecon -Upload File

CloudRecon	E Contact support 1 DemoUser(Demo
Welcome, DemoUser	Upload Inventory File (CSV files in .Zip format) CouldNetor - Access and Montor Phase
GENERAL	
🌥 Upload Inventory 🗸 🗸	Data Quality
L MAP ✓ Upload bak File >	Collect Data
Upload CSV Zip File	4 + + - ha K - Decement - Nee O issuchtme - D issuchtme - D issuchtme - D
🔹 Lansweeper 🗸 🗸	Opporter V Rest Maler
🔹 Flexera 🗸 🗸	Could storm Could storm Could storm storm (Second Stormson) Could storm storm storm (Second Stormson) Could storm storm storm (Second Stormson) Could storm storm storm (Second Storm (Second Storm storm (Second Storm (Second Storm storm (Second Storm storm (Sec
Custom Template	Total CloudRecon License 0
A RV Tool	P Comp
Merge Inventory	Constants
🔹 🌉 Azure Migrate 🔹 🔹	File name Alfred State
- 🚨 Mövere 🗸 🗸	Open Canad
Block64	
Azure Migrate 🗸 🗸	- Upload only CloudRecon Clant Application generated Zip Ne
	Note:
Cap view Diashooard 3	CP Brifere upload make aver, filename should not contain special character and space.
👹 User Management 🛛 🕠	C/ All Col/ the generated by Cloudheon client app Incluid te in .2p THE.
	O Support

Figure 37: CloudRecon - Upload File

** Before upload, open csv file and click on enable editing, Save, and then upload.

4.2 LANSWEEPER

 On the Upload Inventory tab, click Lansweeper tab as shown in Figure 38: CloudRecon – Lansweeper

CloudRecon®	E Custom Templation / Demolificer[Dumer] ·
Welcome, DemoUser	Upload Inventory File (.bak format) ClearRecent -Access and Mentor Phase
GENERAL	
🌥 Upload Inventory 🗸 🗸	Collect Data
1 MAP 🗸	Tom map noo
🛓 Lansweeper 🗸 🗸	Collect Data Lak file format Upload Files Ital S (Auseument Insighth Service)
Upload SDF File >	From Other scanner tool
Upload .bak File 🗲	
Upload CSV Zip File	Total CloudRecon License 100 License Consumed 6 License for Team Member 0
🔹 🕹 Flexera 🗸 🗸	Note:
Custom Template >	🗘 Before uplead make sure , bak filename should not contain special character and space.
🚯 RV Tool 🛛 🔶	File Upload
Merge Inventory >	
Azure Migrate >	™ select a File
🔹 🕹 Movere 🗸 🗸	
Block64 >	
🗮 Azure Migrate 🗸 🗸	
View Dashboard	Uplead
🚰 User Management 💦 🔸	
	Copyright © 2021 UnifyClead All rights reserved.

Figure 38: CloudRecon – Lansweeper





4.2.1 Upload Lansweeper SDF file

 Select to upload .SDF file tab to upload Lansweeper File shown in <u>Figure 39: CloudRecon – Upload inventory .SDF</u> <u>file</u>

CloudRecon®	😑 🕹 Contant Template 🖉 🖉 👷 Contant support 🙎 DemoUlser(Owner) ~
Welcome, DemoUser	Upload Inventory File (.bak format) CloudFactor - Access and Menter Phase
GENERAL	
📥 Upload Inventory 🗸 🗸	Collect Data
🔹 мар 🗸 🗸	bable format
🔹 Lansweeper 🗸 🗸	Collect Data
Uplead .SDF File >	From Other scanner tool
Upload .bak File 🔉	
Upload CSV Zip File	Total CloudRecon License 100 License Consumed 6 License for Team Member 0
🔹 🕹 Flexera 🗸 🗸	Note:
Custom Template >	C Belore upbed make sure . bak filename aboud not contain special character and space.
🔹 🚯 RV Tool 🛛 🔶	File upload
Merge Inventory >	
🛛 📰 Azure Migrate 💦 🔶	🖀 Select a File
🔹 🚣 Movere 🗸 🗸	
Block64 >	
🚝 Azure Migrate 🗸 🗸 🗸	
View Dashboard	Uplead
Iser Management →	
	Capylight © 2523 Utily/Claud All rights reserved.

Figure 39: CloudRecon – Upload inventory .SDF file

A Dialog Box will open, select the file, and click **Open** as shown <u>Figure 40</u>: <u>CloudRecon – Upload file</u>

	on	🖻 🖉 Contact support 👔 DemoUser(Owne
Welcome, DemoUser		View Dashboard Coudition - Access and Montor Phase Coudition - Access and Montor Phase
GENERAL		
Upload Inventory	*	ty Countering Cloud Age/
1 мар	~	Collect Data Collect Data
🚣 Lansweeper	*	Lowweeter Tool
Upload SDF File	>	Open X AlS (Assessment hsights Service) Als (Assessment hsights Service)
Upload .bak File	>	Consider Interface Consider
Upload CSV Zip F	an j	Data com Data control Data
🔹 🚣 Flexera	` ~	Total CloudRecon License 10 0 000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
 Custom Template 	2	
- 🕰 RV Tool	9	Discontraction (Contraction)
Merge Inventory	- 14	
Azure Migrate		Unit of the second seco
A Movere	÷	
C Backet		
Aruna Migrata	2	* "Upload Inventory file generated by Lansweeper In .30P file format" Note:
Packet inigratio		Childre sure. Custom Template filename should not contain special character and space
Wiew Dashboard		
😁 User Management		
		() Support

Figure 40: CloudRecon – Upload file



4.2.2 Upload Lansweeper .bak file

1. Select to upload .bak file tab to upload Lansweeper .bak File as shown in <u>Figure</u> <u>41: CloudRecon – Upload inventory .bak file</u>

CloudRecon®	🖹
Welcome, DemoUser	Upload Inventory File (.bak format) Counted Client Application Counted and Monitor Phase
GENERAL	
lipload Inventory 🗸	Collect Data By Constitute Over Aper
📥 мар 🗸 🗸	from Map Tool
🚣 Lansweeper 🗸 🗸	bak file format
Upload SDF File >	Collect Data
Upload .bak File 🗲	From Other scanner tool
Upload CSV Zip File	
🌲 Flexera 🗸 🗸	Total CloudRecon License 100 License Consumed 1 License for Team Member 0
Custom Template	Note:
RV Tool	🗘 Before upload make sure , bak filename should not contain special character and space.
Merge Inventory	File Upload
🗧 💷 Azure Migrate 🔹 🔸	
🚣 Movere 🗸 🗸	The second se
Block54	- Jenes a rive
📑 Azure Migrate 🗸 🗸	
View Dashboard	
User Management >	Opioad
	(② Support

Figure 41: CloudRecon – Upload inventory .bak file

A Dialog Box will open, select the file, and click **Open** as shown in <u>Figure 42: CloudRecon –</u> <u>Upload file</u>





CloudRecon®	😑 🕹 Creater Turquitar / 🖉 👰 Contact support	DemoUser(Owner)
Welcome, DemoUser GENERAL	Upload Inventory File (.bak format) CloudRecon - Access and Monter Phase	ad Client Application
Upload Inventory	Collect Data from Map Tool	
Lansweeper Upload .SDF File > Upload .SDF File >	Col Coper From Other Coperative New Col Sensitive Report AlS (Assessment Insights Service) Report	
Upload CSV Zip File S L Flaxera Custom Temptate	Image: Construction Total CloudRecon License Total CloudRecon License <thtotal cloudreconse<="" th=""> <thtotal <="" cloudreconse<="" th=""><th></th></thtotal></thtotal>	
RV Tool RV Tool Merge inventory	Before upload make sure , bak filename should Bounness File Upload Interame Interame Interame Interame Common County	
▲ Movere ✓	Select a File	
 Azure Migrate + View Dashboard -> 		
📽 User Management 🕠	Upload	③ Support

Figure 42: CloudRecon – Upload file

4.2.3 Upload Lansweeper CSV Zip file

Select an upload CSV Zip File to upload the Lansweeper Data as shown in <u>Figure</u> <u>43: CloudRecon – Upload CSV Zip file</u>

CloudRecon®	🚍 🗖 Contan Tanulus 🖌 🖉 🧟 Contact support 👔 DemoUser(Owner
Welcome, DemoUser	Upload Inventory File (CSV files in .Zip format) CloudRecor - Access and Monitor Phase Click.Here to merge two or more inventory files Ormetod Client Application
GENERAL	
lpload Inventory 🗸	Data Quality
- ± MAP ~	Collect Data
🚣 Lansweeper 🗸 🗸	from Map Tool
Upload SDF File >	Upload Hiles AIS (Assessment insights Service)
Upload .bak File 🗲	
Upload CSV Zip File	
🔹 🕹 Flexera 🗸 🗸	Total CloudRecon License 100 License Consumed 1 License for Team Member 0
Custom Template	
RV Tool	
Morge Inventory	Drop files here
Azure Migrate +	
🔹 Movere 🗸 🗸	
Block54	Libbal of Charlence Cher Solution assessed To Se
Azure Migrate	Note:
	🗘 Before upload make sure, filename should not contain special character and space.
2 View Dashboard >	Cr All CSV file generated by CloudRecon client app should be in zip file.
👹 User Management 🛛 🔸	
	() Support

Figure 43: CloudRecon – Upload CSV Zip file



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1. A Dialog Box will open, select the file, and click **Open** as shown in

Figure 44: CloudRecon – Upload file.

CloudRecon®	=	Contact support 1 DemoUser(Owner) -
Welcome, DemoUser	Upload Inventory File (CSV files in .Zip format) Coufflecon- Access and Montor Phase	* <u>Click Here</u> to merge two or more inventory files Download Client Application
GENERAL		
📥 Upload Inventory 🗸 🗸		Data Quality Report
± MAP	Collect Data Dy CloudRecon Client Application	Report
🔹 🆾 Lansweeper 🗸 🗸	from Man Tool	Dashboard
Upload SDF File >	Copen X	AIS (Assessment Insights Service)
Upload bak File 🗲	Organize - New Yolder 🛛 🔢 + 🛄 🔘	
Upload CSV Zip File	A Same A Date modified Spe Sor	
> + n	Total CloudRecon License Coudrie Coudres to Sig Manage Internet Sing & Summary), 27-62-32201038 Moreoth Evel W., 11-12	0
- Hexera V	De R	
Custom Template	Costop	
RV Tool >	Documents Documents	
Merge Inventory >	File name All Files v	
🔹 🜉 Azure Migrate 🔹 🕨	Open Cancel	
🔺 土 Movere 🗸 🗸		
Ch Receipt		
	Upload only CloudRecon Client Application generated. Zip file	
Azure Migrate V	Platina unitad make sure filename should not contain special character and space	
🚳 View Dashboard 📀	All CSV file generated by CloudRecon client app should be in .zip file.	
The Wanagement Stress S		
		(?) Support
		a subtain

Figure 44: CloudRecon – Upload file

** Before upload, open csv file and click on enable editing, Save, and then upload.

4.3 UNIVERSAL INVENTORY

1. On the **Upload Inventory** tab, click **Universal** tab as shown in <u>Figure 45:</u> <u>CloudRecon – Upload Universal inventory file</u>

	° ĭ	E Costom Template / P D Costom Template / P D Contact support
Welcome, DemoUser		Upload Inventory File (.bak format) CoudRecor - Access and Monitor Phase
GENERAL		
Lipicad Inventory V		Collect Data Py Countineer Ginet App/ from Man Tool
L MAP	~	how his file format
Lansweeper	*	Collect Data
L Universal Inventory	~	····> V keport
Upload .bak File >	>	
🔹 Flexera	~	Total CloudRecon License 100 License Consumed 1 License for Team Member 0
🚯 Custom Template	>	Note:
📤 RV Tool 🔷	>	🗘 Before upload make sure , bak filename should not contain special character and space.
Merge Inventory	>	File Upload
Azure Migrate	>	
🕹 Movere	~	Select a File
📕 Azure Migrate 🗸		
View Dashboard	×	
😤 User Management 🔿	>	Upload
		Support

Figure 45: CloudRecon – Upload Universal inventory file



UnifyCloud[™]

2. Select to upload .bak file tab to upload Universal Inventory .bak File as shown in <u>Figure 46:</u> <u>CloudRecon – Universal inventory .bak File</u>

CloudRecon	9	E Coston Temples 🖌 🖉 👷 Contact support 🔝 DemoUser(Comer)						
Welcome, DemoUser		Upload Inventory File (.bak format) Counteen - Access and Monitor Phase						
GENERAL								
Upload Inventory v		Collect Data from Map Tool						
🔹 мар	~	Dashboard						
Lansweeper	*	Collect Data From Other scanner tool Als (Assessment Insights Service) Report						
Criversal Inventory	ř							
Upload .bak File >								
🔹 Flexera	~	Total CloudRecon License 100 License Consumed 1 License for Team Member 0						
Gustom Template		Note:						
🕰 RV Tool >		🗘 Before upload make sure , bak filename should not contain special character and space.						
Merge Inventory >		File Upload						
Azure Migrate >								
1 Movere	~	≊ Select a File						
🖬 Azure Migrate 🗸 🗸								
View Dashboard								
\\ User Management >		Upload						
		U support						

Figure 46: CloudRecon – Universal inventory .bak File

3. A Dialog Box will open, select the file, and click **Open** as shown in <u>Figure 47:</u> <u>CloudRecon – Upload File</u>

	0 1	=			▲ Custom Template
Welcome, DemoUser		Upload Inventory File (.bak CloudRecon - Access and Monitor Phase	format)		Commissed Client Application
GENERAL					
Upload Inventory ~			lect Data By CloudRecon Client App/ CloudRecon Web Portal	-	Report
· 🏝 MAP	*				Dashboard
🔹 🚣 Lansweeper	*	Co	Ø Open	×	
1 Universal Inventory	~	From Othe	← → · ↑ → This PC → Documents → New v ð	Search New P	Report
Linkard bak Fila			Diganze New folder Name Date modified Type	Size	
La Flexera	~	Total CloudRecon License	Cukk kocess Controlive Controlive	3,41,868 KB 81 KB	0
🚯 Custom Template		Note:	This PC 30 Objects		
A RV Tool		C Before upload make sure , .bak filename should	Desitop		
		File Upload	Dewnloads		
4 Merge Inventory	<u> </u>		File name.	All Files v	
Azure Migrate >	>			Open Cancel	
🛛 🗘 Movere	*		🖀 Select a File		
📕 Azure Migrate 🗸 🗸	. 1				
Wew Dashboard	•				
嶜 User Management 🔹	•	Upload			
					() Support

Figure 47: CloudRecon – Upload File


4.4 FLEXERA

On the **Upload Inventory** tab, click Flexera tab as shown in <u>Figure 48: CloudRecon</u> <u>– Upload Flexera inventory file</u>

CloudRecon®	E Custom Timpuite / E 🔍 Contact support
Welcome, DemoUser	Upload Inventory File (.bak format) CloudRecore -Access and Monitor Phase
GENERAL	
lpload Inventory 🗸	Collect Data from Map Tool
主 мар 🗸 🗸	bek die formet
Lansweeper ✓	Collect Data From Other scamer tool
🕹 Flexera 🗸 🗸	
Upload .bak File 🗲	
 Custom Template > 	Total CloudRecon License 100 License Consumed 6 License for Team Member 0
 RV Tool 	Note:
Merge Inventory	🗘 Before upload make sure , bak filename should not contain special character and space.
Azure Migrate >	File Upload
🔹 Movere 🗸 🗸	
Block64 >	Select a File
📕 Azure Migrate 🗸 🗸 🗸	
View Dashboard	
矕 User Management 🛛 🔿	
	Upload
	_
	Copyright © 2021 Unify Cloud All rights reserved.

Figure 48: CloudRecon – Upload Flexera inventory file

 Select to upload .bak file tab to upload Universal Inventory .bak File as shown in <u>Figure 49: CloudRecon – Flexera .bak File</u>

CloudRecon®	E Curton Timpite 🖌 🖉 🕵 Contact support 1 🔔 DemoUser(Ourner)
Welcome, DemoUser	Upload Inventory File (,bak format) CloudRecon - Access and Monter Phase
GENERAL	
Upload Inventory ~	Collect Data from Map Tool Could Count from Map Tool
🔹 мар 🗸 🗸	
🛓 Lansweeper 🗸 🗸	Collect Data From Other scame tool
🔹 🕹 Flexera 🗸 🗸	
Upload .bak File 🗲	
Custom Template >	Total CloudRecon License 100 License Consumed 6 License for Team Member 0
🚯 RV Tool 🔷 🔸	Note:
Merge Inventory	🗘 Before upload make sure , bak filename should not contain special character and space.
Azure Migrate >	File Upload
🔹 Movere 🗸 🗸	
Block64 >	Select a File
📲 Azure Migrate 🗸 🗸	
View Dashboard	
🖶 User Management 🛛 🧳	Uplaat
	() Support
	Copyright @ 2021 UnityCloud All rights reserved.

Figure 49: CloudRecon – Flexera .bak File



2. A Dialog Box will open, select the file, and click Open as shown in <u>Figure 50</u>: <u>CloudRecon - Upload File</u>

	E Costan Templan 🖉 Costan Templan 👔 🖉 👷 Contact support 👔 DemoUser(Courter)
Welcome, DemoUser	Upload Inventory File (.bak format) CoudRecor - Access and Montor Phase
GENERAL	
lpload inventory 🗸	Collect Data W Closefferen Clere Aper Construction we Perta
📤 мар 🗸 🗸	Tom Wap tool
🚨 Lansweeper 🗸 🗸	Usinboard
1 Flexera	C be togen
Internet basic Eller A	rrom Une Ogania + New Maker
Optional Date File 9	# Allow Detravelled Type Size
Custom Template	Table CloudDawn Linner Could and Cou
🚭 RV Tool 🔹 🔸	Iotal Cloudkecon License Di hu /C 0
Merge Inventory	Note: 30 Open
Azure Migrate >	C Before upload make sure , bak filename should C Brownenn
± Movere	File Upload
C	resume Queres
4_ EBGRD4	
🛒 Azure Migrate 🛛 👻	Select a File
A View Dashhoard	
😁 User Management 🔹 🔹	
	Upload
	() Support

Figure 50: CloudRecon - Upload File

4.5 **CUSTOM TEMPLATE**

- 1. On the Upload Inventory tab, click Custom Template tab as shown in <u>Figure</u> <u>51: CloudRecon – Custom Template Sheet</u>
- 2. Click Custom Template button to generate a CloudRecon Custom Template Sheet in .xlsx format, where user can manually fill data as per its requirement.



Cloud Recon	😑 🕹 Contant Surgicita
Welcome, DemoUser	Upload Custom Template Oudfincen - Access and Munitor Phase
GENERAL	
lipload Inventory 🗸 🗸	Data Quality Report
土 мар 🗸 🗸	Download Custom Temp
Lansweeper 🗸	Upload Upload AlS Javassment hights Service)
🗘 Flexera 🗸 🗸	
▲ Custom Template →	
🛛 🔂 RV Tool 🔶 🔶	Total CloudRecon License 100 License Consumed 6 License for Team Member 0
Merge Inventory	
🗧 📰 Azure Migrate 🔷 🔸	
🔹 Movere 🗸 🗸	
Block64 >	Drop files here
📕 Azure Migrate 🗸 🗸	
🙆 View Dashboard	
	'Upload only CloudRecon Custom Template utsr file Note:
- User Management >	🖒 Before Upload, Please make sure Custom Template columns name should not be Changed.
	C Make sure , Custom Template filename should not contain special character and space.
	27 III data in proper format, For help cick: Nelps to fil custom Template".
	Copyright @ 2021 UnifyCloud All rights reserved.

Figure 51: CloudRecon – Custom Template Sheet

CloudRecon's own custom template is generated in .xlsx format as shown in <u>Figure 52</u>: <u>CloudRecon – Custom Template help Sheet</u>

CloudRecon®	≡		•	Cuatom Template 🖌 🖉 🤶 Contact support 💽 DemoUser(Owne
Welcome, DemoUser	Upload Cust CloudRecon - Access and	XII Help to fill Custo	om Template ×	THE D TH CLASSE THE DATE
GENERAL		Sheet Name : Device_Info Device_Perf SQLServer_Info	AppDependency InstalledSoftwares Services Netstat	Data Quality
📥 Upload Inventory 🗸 🗸		Data stat		Report
± MAP ∨	L C	Columna	Validation	> Report Dashboard
🔔 Lansweeper 🗸 🗸	4	*ComputerName	value should not be blank and should be unique (Text Format)	AIS (Assessment Insights Service)
🛓 Universal Inventory 🗸 🗸		IPAddress	Optional (IP Address Format)	Report
🕹 Flexera 🗸 🗸		MAC Address	Optional (MAC Address Format)	
		*CurrentOperating System	value should not be blank (Text Format)	
	Total CloudRecon L	*OSServicePack	value should not be blank (Text Format)	0
€ GB RV Tool >		*Domain/Workgroup	value should not be blank (Text Format)	
Merge Inventory >		*Number of Processors	value should not be blank (Number Format)	
🛛 🚝 Azure Migrate 🔷 🗧		*Number of Core	value should not be blank (Number Format)	
🔹 Movere 🗸 🗸		*NumberOfLogicalProcessors	value should not be blank (Number Format)	
📕 Azure Migrate 🗸 🗸		CPU	Optional (Text Format)	
		*System Memory(MB)	value should not be blank (Number Format)	
Wiew Dashboard >		*DiskDrive	value should not be blank (Text Format)	
📽 User Management >	Note:	*DiskDriveSize(GB)	value should not be blank (Number Format)	
	CP Before Upload. Please	Disk Type	Optional (Drive Type Format)	
		*Machine Type	value should not be blank (Text Format)	
	CP Make sure , Custom 1	Host Name	Optional (Text Format)	
	CP Fill data in proper for	VM Technology	Optional (Text Format)	
				(?) Support

Figure 52: CloudRecon – Custom Template help Sheet



IMPORTANT: To use scanner inventory tools, <u>click here</u> you will be redirected to the CloudRecon discovery webpage.

CloudRed	con®	Customer Organization Name No OF Employee Date (YYYY/MM/DD): Scanning Tool								
Introduction										
The workbook has th	e following tab structure:									
Introduction (This (Provides an overview of how to use the workbook and a sum	mary of the overall upload inventory D	Data on CloudRecon.							
Device_Info-	The Tab provides a summary of machines (Windows/Linux etc) with their basic information like Cur	rent Operating System, RAM, Core etc, av	ailable in your environment.						
Device_Perf-	This tab provides actual consumption (performance details) o	f available machines like IO Utilization	n, CPU Utilization, RAM Utilization etc.							
SQLServer_Info-	ontains all running SQL Server details found in the environment with SQL Instances and database details.									
AppDependency-	9- Provide information of the running applications with the database server details.									
InstalledSoftware	InstalledSoftware: This tab contains all the softwares/products installed on the machines like .NET Framework, sql server, Lync Server, Exchange Server etc.									
Services-	This tab provides all the installed services like antivirus/antima	alware etc.								
Netstat-	Contains all the relevant information about source and destina	ation system connectivity.								
How to upload C	loudRecon_Template on CloudRecon Portal									
Step-1: Step-2: Step-3: Step-4: Step-5: Step-6: Step-7:	Login on CloudRecon portal. Go to Upload Worksheet tab inside Upload Inventory : Click on Download CloudReconTemplate button. Fill the required data fields in worksheet. Click on Drowse button and select the excel file. Click on Upload Button. Go to View Dashboard page to view the generated Report:	section. s.								
Introduction	Device_Info Device_Perf SQLSer	ver_Info AppDepende	ncy InstalledSoftwares	Services Netstat						

Figure 53: Upload CloudRecon Template





4.6 **RV TOOL**

On the Upload Inventory tab, click RV Tool tab as shown Figure 54: CloudRecon – RV Tool RV Tool scans your environment and gives the results in .xlsx format. The user can upload the .xlsx report with the help of CloudRecon tool to view the DCMR reports.

CloudRecon®	E Contact support Demoldser (burner) -
Welcome, DemoUser	Upload RV Tool Excel Coudition - Access and Monitor Phase Required sheets and Columns in RV Tool excel In the second secon
GENERAL	
📥 Upload Inventory 🗸 🗸	Report
• 土 мар 🗸 🗸	A REPORT Dashboard
🔹 🛓 Lansweeper 🗸 🗸	Upload Upload Als Assessment Insights Service)
🔹 🛨 Flexera 🗸 🗸	
🔹 🤷 Custom Template 🛛 🔸	
🚯 RV Tool 🔷 🔿	Total CloudRecon License 100 License Consumed 6 License for Team Member 0
Merge Inventory >	
🛛 📰 Azure Migrate 🔷 🗧	
🛛 📩 Movere 🗸 🗸	
Block64 >	Drop files here
Azure Migrate 🗸 🗸	
View Dashboard	
	"Tupload only RV Tool generated .size file"
👕 User Management 🔅 🔅	C Before upload make sure, RV Tool excel file name should not contain special character and space.
	C rease controllege countral name in revision ine.
	\hat{C}^{*} Before upload make sure required columns should be in RV tool excel, for help Cick: "Required Columns in RV Tool excel," for help Cick: "Required Columns in RV Tool excel."
	(Support
	Copyright @ 2021 UnifyCloud All rights reserved.

Figure 54: CloudRecon – RV Tool

 Click on Required Columns in RV Tool excel button to get information about Custom Template essential columns in excel as shown in <u>Figure 55</u>: <u>CloudRecon – RV Tool help sheet.</u>





Unify<mark>Cloud</mark>™

Figure 55: CloudRecon – RV Tool help sheet





SCENARIO: 2- UPLOAD & MERGE INVENTORY DATA

If there are multiple domains exist in the environment and for each domain having separate .bak / . CSV / .sdf files.

1. To view the consolidated report, you need to merge two or more inventory files and upload CloudRecon Client application generated .zip/encrypted zip file.

You will be directed to the Merge Inventory page as shown <u>Figure 56: CloudRecon - Upload</u> <u>Inventory files and Merge</u>

DemoUser skut upicad Inventory Lansweper Lansweper Caston Template	Merge Uploaded Inventory files direct - Access and Montor Phase ther successful process of merging, <u>Click Herg</u> to Select Inventory Files for Merge File Name	o view Dashboard for the r	nerged files				Download Client App
ERAL Upload Inventory V A ± MAP V ± Lansweeper V ± Pearen V O Constan Template	ther successful process of merging, <u>Click Here</u> to Select Inventory Files for Merge File Name	o view Dashboard for the r	nerged files				
lpload Inventory ✓ *A ★ MAP ✓ ★ Lansweeper ✓ ★ Flexera ✓ Custom Template →	fter successful process of merging, <u>Click Here</u> to Select Inventory Files for Merge File Name	o view Dashboard for the r	merged files				
Lansweeper → Lansweeper → Rezera → Custom Template →	Select Inventory Files for Merge File Name						
± Recera ↔	File Name					* Add Inventory Files for Merge	Merge Selected Files
🕰 Custom Template >		Uploaded By	Uploaded Date	Uploaded Via	File Processing Status	Morged File Name	Select Files to Merge
	19123112102976MapSampleT.bak	Demo@unifycloud.com	12/31/2019 12:13:59 PM	Portal	File Successfully Merged	MergeInventory231510012020051241	
B BY Toyl	TestTT.sdf	Demo@unifycloud.com	12/31/2019 12:05:20 PM	Portal	File Successfully Merged	MergeInventory231510012020051241	
	Reconscanner2201201917011022012019170133.zip	Demo@unifycloud.com	1/22/2019 11:39:54 AM	Portal	Data processed successfully, ready to merge		0
Merge inventory	Reconscanner2201201916573622012019165824.zip	Demo@unifycloud.com	1/22/2019 11:39:30 AM	Portal	Data processed successfully, ready to merge		
Azure Migrate)	Reconscanner2201201916551922012019165553.zip	Demo@unifycloud.com	1/22/2019 11:38:25 AM	Portal	Data processed successfully, ready to merge		0
L Movere V	Reconscanner2201201915035922012019150411.zip	Demo@unifycloud.com	1/22/2019 9:42:22 AM	Portal	File Successfully Merged	MergeinventoryShubham23	
Block64	Reconscience2201201915045422012019150500.zip	Demo@unifycloud.com	1/22/2019 9:41:41 AM	Portal	File Successfully Merged	MergeinventoryShubham23	
ure Migrate 🗸 🗸	Reconscanner2201201915061622012019150621.zip	Demo@unifycloud.com	1/22/2019 9:41:03 AM	Portal	File Successfully Merged	MergeinventoryShubham23	
w Dashboard	Reconscanner2201201915064422012019150649.zip	Demo@unifycloud.com	1/22/2019 9:39:46 AM	Portal	File Successfully Merged	MergeloventoryShubham23	

Figure 56: CloudRecon - Upload Inventory files and Merge





2. Click on **Add Inventory Files for Merge** button to choose and upload more than one file, which need to merge.

	'n	=						Custom Template	8	Contact :	support 🤰 DemoUser(Owner) -
Welcome, DemoUser		Merge Uploaded Inventory CloudRecon - Access and Monitor Phase	files								Co Download Client Application
GENERAL											
Upload Inventory		*After successful process of merging, <u>Click</u>	Here to view Da	isnocard for the r	nergea mes						
			Merge Ir	iventory					×		ST-TOTO STATE OF TOTO STATE OF
A MAP		Select inventory rises for werge	Select	File Name			Uploaded Date	Uploaded Via		tiles for Marge	C Merge Selected Files
Lansweeper		File Name		ContosoNY.bak			4/26/2019	Portal			Select Files to Merge
 L Universal Inventory 		19123112102976MapSampleT.bak		190912033127	55MapSample.bak		9/12/2019	Portal	.00	12020051241	
• 🛓 Flexera		TestTT.sdf							00	12020051241	
Gustom Template		Reconscamer2201201917011022012019170133						Get Selected Cance			
RV Tool		Reconscenner2201201916573622012019165824	zip Dem	e@unifycloud.com	1/22/2019 11:39:30 AM	Portal	Data processed successfully, res	ady to merge			
Merge Inventory		Reconscanner2201201916551922012019165553.	zip Dem	o@unifycloud.com	1/22/2019 11:38:25 AM	Portal	Data processed successfully, rea	ady to merge			
Azure Micrate		Reconscanner2201201915035922012019150411.	zip Dem	p@unifycloud.com	1/22/2019 9:42:22 AM	Portal	File Successfully Merged	Mergelinv	mtoryShubharr	23	
1 Manua		Reconscanner2201201915045422012019150500.	zip Dem	o@unifycloud.com	1/22/2019 9:41:41 AM	Portal	File Successfully Merged	Mergelnv	intoryShubham	23	
		Reconscanner2201201915061622012019150621.	zip Dem	o@unifycloud.com	1/22/2019 9:41:03 AM	Portal	File Successfully Merged	Mergeinw	ntoryShubharr	23	
Azure Migrate		Reconscanner2201201915064422012019150649 :	zip Dem	o@unifycloud.com	1/22/2019 9:39:46 AM	Portal	File Successfully Merged	Mergelmi	entoryShubham	23	
Wiew Dashboard											
User Management											
											2 Summart
										instantion of	G support

Figure 57: CloudRecon® - Upload and Merge Inventory

All uploaded files will be listed in 'Upload and Merge Files' section as shown in Figure 58: CloudRecon® - Upload and Merge Inventory

Welcome, DemoUser	Merge Uploaded Inventory files CloudRecon - Access and Monitor Phase	s					Download Client Applica
RAL Upload Inventory 🗸	*After successful process of merging, <u>Click Here</u>	to view Dashboard for the	merged files				
± MAP →	Select Inventory Files for Merge					+ Add Inventory Files for Merge	C Morgo Selected File
🕹 Flexera 🗸	File Name	Uploaded By	Uploaded Date	Uploaded Via	File Processing Status	Merged File Name	Select Files to Merge
Custom Template	Reconscanner2201201917011022012019170133.zip	Demo@unifycloud.com	1/22/2019 11:39:54 AM	Portal	Data processed successfully, ready to merge		
A RV Tool	Reconscience2201201916573622012019165824.zip	Demo@unifycloud.com	1/22/2019 11:39:30 AM	Portal	Data processed successfully, ready to merge		
Merce Inventory	Reconscience2201201916551922012019165553.zip	Demo@unifycloud.com	1/22/2019 11:38:25 AM	Portal	Data processed successfully, ready to merge		0
Azure Minrate	Reconscenner2201201915035922012019150411.zip	Demo@unifycloud.com	1/22/2019 9:42:22 AM	Portal	File Successfully Merged	MergelnventoryShubham23	
± Mounta	Reconscenner2201201915045422012019150500.2ip	Demo@unifycloud.com	1/22/2019 9:41:41 AM	Portal	File Successfully Merged	MergeinventoryShubham23	
E market	Reconscenner2201201915061622012019150621.zip	Demo@unifycloud.com	1/22/2019 9:41:03 AM	Portal	File Successfully Merged	MergelmventoryShubham23	
	Reconscamer2201201915064422012019150649.zip	Demo@unifycloud.com	1/22/2019 9:39:46 AM	Portal	File Successfully Merged	MergeinventoryShubham23	
Azure Migrate View Dashboard							

Figure 58: CloudRecon[®] - Upload and Merge Inventory



Select Files to merge check box as shown in Figure 59: Merge Inventories

CloudRecon®	=				dia Curr	tom Templete 👂 🚇 🤶 Contact s	upport 1 DemoUser(Own
Welcome, DemoUser	Merge Uploaded Inventory file CloudRecon - Access and Monitor Phase	5					S Download Client Application
GENERAL	*After successful process of merging, <u>Click Here</u>	to view Dashboard for the	merged files				
± MAP →	Select Inventory Files for Merge					+ Add Insentory Files for Morge	C Merge Selected Files
🕹 Flevera 🗸 🗸	File Name	Uploaded By	Uploaded Date	Uploaded Via	File Processing Status	Merged File Name	Select Files to Merge
Custom Template	Reconsciencer2201201917011022012019170133.zip	Demo@unifycloud.com	1/22/2019 11:39:54 AM	Portal	Data processed successfully, ready to merge		0
🚯 RV Tool	Reconscanner2201201916573622012019165824.zip	Demo@unifycloud.com	1/22/2019 11:39:30 AM	Portal	Data processed successfully, ready to merge		
	Reconscamer2201201916551922012019165553.z/p	Demo@unifycloud.com	1/22/2019 11:38:25 AM	Portal	Data processed successfully, ready to merge		0
Aner Marste	Reconscamer2201201915035922012019150411.zip	Demo@unitycloud.com	1/22/2019 9:42:22 AM	Portal	File Successfully Merged	MergeloventoryShubham23	
1 Marine	Reconsciencer2201201915045422012019150500.zip	Demo@unifycloud.com	1/22/2019 9:41:41 AM	Portal	File Successfully Merged	MergeinventoryShubham23	
	Reconscenser2201201915061622012019150621.zip	Demo@unifycloud.com	1/22/2019 9:41:03 AM	Portal	File Successfully Merged	MergelriventoryShubham23	
	Reconscience(2201201915064422012019150649.zip	Demo@unifycloud.com	1/22/2019 9:39:46 AM	Portal	File Successfully Merged	MergeInventoryShubham23	
Sture Migrate • • • • • • • • • • • • • • • • • • •							
							③ Support

Figure 59: Merge Inventories

3. Click Merge Selected Files button.

A message "*Please wait till data merging Process is running*" appears under File Processing Status as shown in Figure 60: Merge Inventories – In Process

CloudRecon®	=				A 6	atom Tampida 🥖 🖉 🧟 Conta	ct support DemoUser(Ow
Welcome, DemoUser	Merge Uploaded Inventory files CloudRecon - Access and Monitor Phase						Download Client Application
Upload Inventory 🗸	*After successful process of merging, <u>Click Here</u> to	o view Dashboard for the r	merged files				
± MAP ~	A Select Inventory Files for Merge					+ Add Investory Files for Marga	C Marge Selected Files
*	File Name	Uploaded By	Uploaded Date	Uploaded Via	File Processing Status	Merged File Name	Select Files to Merge
- Henera V	Reconsceneer2201201917011022012019170133.zp	Demo@unitycloud.com	1/22/2019 11:39:54 AM	Portal	Data processed successfully, ready to merge		
Custom Template	Reconscience/201201916573622012019165824.zip	Demogranifycloud.com	1/22/2019 11:29:30 AM	Portal	Data processed successfully, ready to merge		
🕰 RV Tool 🔹 🔹	Reconscience(201201916551922012019165553.zip	Demo@unifycloud.com	1/22/2019 11:38:25 AM	Portal	Data processed successfully, ready to merge		
Azure Migrate > Movere Movere Movere Azure Migrate							
/iew Dashboard >							
User Management							
							(Suppor





4. After successful completion of merging inventory process, as shown in Figure <u>61: Merge Inventories – Successfully completed</u>

CloudRecon®	=				Con Con	tom Template 🥜 🎜 🧟 Contact s	upport 2 DemoUser(Owner)
Welcome, DemoUser	Merge Uploaded Inventory files CloudRecon - Access and Monitor Phase	5					Download Client Application
GENERAL							
🍮 Upload Inventory 🗸 🗸	*After successful process of merging, <u>Click Here</u>	to view Dashboard for the	merged files				
🛓 мар 🗸 🗸	A Salast Incentery Eller for Manne						
🔹 🚣 Lansweeper 🗸 🗸	Select intentity rises for merge					+ Add Inventory Flees for Merge	() Merge Selected Files
🛓 Rezera 🗸 🗸	File Name	Uploaded By	Uploaded Date	Uploaded Via	File Processing Status	Merged File Name	Select Files to Merge
🕰 Custom Template 🔹	Reconscanner2201201917011022012019170133.zip	Demo@unifycloud.com	1/22/2019 11:39:54 AM	Portal	Data processed successfully, ready to merge		
RV Tool	Reconscience2201201916573622012019165824.zip	Demo@unifycloud.com	1/22/2019 11:39:30 AM	Portal	Data processed successfully, ready to merge		
Merge Inventory	Reconscanner2201201916551922012019165553.zip	Demo@unifycloud.com	1/22/2019 11:38:25 AM	Portal	Data processed successfully, ready to merge		0
Azure Migrate	Reconscience2201201915035922012019150411.zip	Demo@unifycloud.com	1/22/2019 9:42:22 AM	Portal	File Successfully Merged	MergelriventoryShubham23	
± Movere v	Reconscanner2201201915045422012019150500.zip	Demo@unifycloud.com	1/22/2019 9:41:41 AM	Portal	File Successfully Merged	MergeinventoryShubham23	
C Barton	Reconscenner2201201915061622012019150621.zip	Demo@unifycloud.com	1/22/2019 9:41 03 AM	Portal	File Successfully Merged	MergainventoryShubham23	
	Reconscanner2201201915064422012019150649.zip	Demo@unifycloud.com	1/22/2019 9:39:46 AM	Portal	File Successfully Merged	MergelinventoryShubham23	
Azure Migrate							
🚯 View Dashboard 🔸							
🚰 User Management >							
							() Support

Figure 61: Merge Inventories – Successfully completed

You will be directed to the View Dashboard page as shown in <u>Figure 62</u>: <u>CloudRecon® - View Merge Inventory</u>

CloudRecon®	≡					Custom Template
Welcome, DemoUser	View Dashboard CloudRecon - Access and Monitor	Phase				Select Region US East
GENERAL	File Name	Uploaded By	Uploaded Date	Uploaded Via	File Processing Status	Action
Upload Inventory ~	MapSampleT.bak	Demo@unifycloud.com	2/25/2020 3:45:21 PM	Portal	Processing Data	
📫 Azure Migrate 🗸 🗸	ContosoNY.bak	Demo@unifvdoud.com	12/30/2019 2:15:46 PM	Portal	of Processed	Wew Dashboard 24 Data Quality Start Migration PF Edit
View Dashboard >						
🚰 User Management >						

Figure 62: CloudRecon® - View Merge Inventory

5. Click **View Dashboard** to view the report.





SCENARIO: 3- AZURE MIGRATE

A migrate project is used to store discovery, assessment and migration metadata reported by the customer On-Premises environment. Customers can create a migrate project in the Azure Migrate service on the Azure portal. Customers can also sync their Azure Migrate project with UnifyCloud - CloudRecon and in case they do not have Azure Migrate project created then can always Azure Environment using CloudRecon.

Steps to Sync Azure Migrate Project for Cloud Assessment

Step 1: Logon to CloudRecon Portal using your credentials. URL: <u>https://cloudrecon.cloudatlasinc.com/loginpopup.aspx</u>



Figure 63: Login Page

Step2:

On successful login, Customer will find **'Azure Migrate'** on home screen under **'Upload** *Inventory*' section. Now, click on 'Azure Migrate' Option.

Now, Customer will see Azure Migrate Discover Assessment screen displayed with options 'Setup new/ manage Azure migrate project' and option for 'Sync pre-discovered Azure migrate data to CloudRecon'



Click on '**Setup new/ manage Azure migrate project'** to Create New Azure Migrate project. As shown in Figure 64: Azure Migrate



Figure 64: Azure Migrate

Step 3: You will find the existing project list. Here you can resume your Migrate steps. As shown

in Figure 65: Azure Migrate-Manage Projects

CloudRecon®	=				Custom Template	Contact support DemoUser(Owner) ~
Welcome, DemoUser	Clos	Azure Migrate : Manage Projects				
GENERAL						
Dipload Inventory		Azure Migrate Projects List				<< Previous Step
Azuro Migrate		Azure migrate project created using CloudRecon listin	g with progress and editing options			
		SI. Project Name	Azure Details	Activity Status	Overall Status	#Actions
2월 View Dashboard > 쓸 User Management >		1 DemoTec26 Region - centrals Created on-3019-12-36 16:13:13:233	Subscription0355 Subscription10 : Visual Studio Enterprise – CSP ResourceGroup : AMHTest	Migrate Regist Crastion (CR) Applicate Regist Crastion (CR) Concerning Control (CR) Microard (CR) M	30% Complete	Research Steps
		2 AMHTersProject Region - centralis Creates on-3015-12-07 228/15427	Subscription0365 Subscription01: Visual Studio Enterprise – CSP ResourceGroup : AMHTest	Vigrate Project Crustion (CG) vigata Project Crustion (CG) vigata Crustion (CG) vice Condition (CG) vice Condition (CG) vice Condition (CG) vice Condition (CG) vice Projection (CG) vic	40% Complete	Rearne Steps
		 UsDemoProject Region - centralus Created on-3019-12-27 22:13:13:697 	Subscription0165 Subscription01 Visual Subs (Interprise – CSP ResourceGroup : AMHIest	 ✓ Migrate Project Creation (CR) ★ Applance Configure (Customer) ★ Discorrightane Migrate (Migrate) ★ Home Toy, In Could Reserv (China & China & China & China & China & China & China & King and China & King atolon (CR) ★ Heplication Active Migrate) ★ Migration (CR) ★ Migration (CR) ★ King atolon (CR) 	10%. Complete	Resurve Streps @ Devide
		4 ContosoDummy Region - centralus	Subscription0365 SubscriptionID :	 Migrate Project Creation (CR) Appliance Configure (Customer) 	40% Complete	Resume Steps Delete



Figure 65: Azure Migrate-Manage Projects

Step 4: To Create new project Click on Create New Project button. As shown in Figure 66:

Azure Migrate- Create New Project



Figure 66: Azure Migrate- Create New Project



Step 5: There are three options to create new Azure Migrate project. As shown in <u>Figure 67:</u> <u>Azure Migrate- Manage New Project</u>

- 1. CloudRecon Azure Subscriptions.
- 2. Use any Azure Subscriptions mapped with other account.
- 3. Use your own Subscription mapped with same logged-In O365 account



Figure 67: Azure Migrate- Manage New Project

Step6: Click on Use your own Subscription mapped with same logged-In O365 account. As shown in Figure 67: Azure Migrate- Manage New Project

Azure Migrate: New Profiling screen will be displayed as shown in <u>Figure 68: Azure</u> <u>Migrate- Subscription & Resource group info</u>

Now provide Subscription & Resource group info details and click on 'Save & move next'



Figure 68: Azure Migrate- Subscription & Resource group info

Step7:

Now provide Project details and click on **'Submit & Create.'** As shown in <u>Figure 69: Azure</u> <u>Migrate - Project details</u>

CloudRecon®	=		Custom Template	Contact support demo(Ovmer) ~
Welcome, demo	Azure Migrate : New Profiling CloudRecon - Access and Monitor Phase			
GENERAL				
lupload Inventory 🗸 🗸	Step 1 : Create Azure migrate project			<< Previous Step
📑 Azure Migrate 🗸 🗸	0	2	3	
Wew Dashboard >	Step 1 Select Azure Location	Step 2 Select Subscription	Step 3 Create Azure migrate project	
🖶 User Management >	STEP 3 - PROJECT DETAILS Specify the name of the migrate project and the preferred * Oppremise Environment • [Belief E * Migrate Project Name • ProjectDa * Geography • centralus	prography. [nvironment] • moTest s •		
	∆ Solver	t & Grade		() Support

Figure 69: Azure Migrate - Project details

Azure Migrate project Registration is in process; it will take a while. As shown in <u>Figure 70:</u> <u>Azure Migrate -Registration Process</u>



Figure 70: Azure Migrate -Registration Process

Step 8: After completing the process, **Project Created Successfully** message will be displayed in a dialog box. As shown in Figure 71: Azure Migrate -Project Created Successfully



Figure 71: Azure Migrate - Project Created Successfully

Step9:

After the Project is created.



Setup Appliance based on on-premises environment. It must be fill by the Customer.

Click on 'Sync Discovered data to CloudRecon.' As shown in Figure 72: Azure Migrate – Appliance Configuration



Figure 72: Azure Migrate – Appliance Configuration

Step 10:

Provide Subscription/Resource group info and Project details.

Click on '**Sync discovery & create inventory**' to Sync up the azure migrate discovery data to CloudRecon and create an inventory. As shown in <u>Figure 73: Azure Migrate – Sync Pre-</u><u>Discovered data</u>

CloudRecon®	E Catat support & demo(Owner) -
Welcome, demo	Azure Migrate : Sync Pre-Discoverd data to CloudRecon CloudRecon - Access and Montor Phase
Upload Inventory	B Step 3 : Sync pre-discoverd data from Azure Migrate
Azure Migrate V	SUBSCRIPTION/RESOURCE GROUP INFO
User Management >	* Sabscription @ Vexal Studio Enterprise - CSP • • * Resource Group @ AMHT[est •
	PROJECT DETAILS Specify the name of the project and assessment name.
	* Project Name Ø AMHTestProject •
	▲ Sync Discoury & Create Inventory
	③ Support

Figure 73: Azure Migrate – Sync Pre-Discovered data



After sync-up the new inventory will be created as shown in Figure 74: CloudRecon - View Azure Migrate Inventory

CloudRecon®	≡					Custom Template
Welcome, DemoUser	View Dashboard CloudRecon - Access and Monitor Phase					Select Region US East
GENERAL	File Name	Uploaded By	Uploaded Date	Uploaded Via	File Processing Status	Action
Upload Inventory ~	MapSampleT.bak	Demo@unifycloud.com	2/25/2020 3:45:21 PM	Portal	✓ Processed	📾 View Dashboard 👔 Data Quality 🔊 Start Migration 🕑 Edit
📫 Azure Migrate 🗸 🗸	ContosoNY.bak	Demo@unifycloud.com	12/30/2019 2:15:46 PM	Portal	- # December 1	Wirey Dathboard sk Data Quality
View Dashboard >	· · · · · · · · · · · · · · · · · · ·				• Processed	
🐸 User Management >						

Figure 74: CloudRecon - View Azure Migrate Inventory

Step 11:

Click on Start Migration As shown in Figure 75: CloudRecon® - View Dashboard

CloudRecon®	≡					Custom Template
Welcome, DemoUser	View Dashboard CloudRecon - Access and Monit	d or Phase				Select Region US East
GENERAL	File Name	Uploaded By	Uploaded Date	Uploaded Via	File Processing Status	Action
Upload Inventory ~	MapSampleT.bak	Demo@unifycloud.com	2/25/2020 3:45:21 PM	Portal	✓ Processed	📾 View Dashboard 🟦 Data Quality 🔊 Start Migration 🕑 Edit
📫 Azure Migrate 🗸 🗸	ContosoNY.bak	Demo@unifvcloud.com	12/30/2019 2:15:46 PM	Portal	of Democrat	& View Dashboard 2 Data Quality
View Dashboard					· Processed	
🚰 User Management >						

Figure 75: CloudRecon® - View Dashboard

Send CloudRecon assessment data Groupwise to Azure Migrate Project As shown in <u>Figure 76</u>: <u>Azure Migrate – Add CloudRecon assessment tool</u>

	on	=			Custom Templete	Search anything Q 🖉 🌲	😒 📜 👌 Contact Us For Trial Lio	•••• 🖻 💷 🚛 ••••••
Welcome,		📕 Azure Mi	grate : Add C	loudRecon Assessment tool				Activity Status Chart
		Discoverd Machine wi	th Assessment groups	ed in phases				Azure Migrate Details
GENERAL		Step 4 : Add	1 CloudRecon Asse	ssment tool with Assessment data		Assessment Data Sent Succ	unafully Move Next vs Pre-Maration Setup	9, Subscription Used (Project) Subscription0365
Upload Inventory	*							Resource Group (Project)
R View Dashboard	>	VMs (sized machi	nes) are distributed G	roupwise based on their workload running (Third Party	, MS Distinct App, Custom web Apps and	NO Apps) and Database server.		R2
		Phases	Environment	Machine Type	Total Sized VMs (170)	Consideration	Assessment Status	ProjectDemoTest
ConPrem Inventory	~	Phase I	Production	Windows + Biztalk + Linux	•	Third Party App or MS Distinct App	Sent Successfully	So Migrate Project Region centralus
Cloud Migration	~	O Phase II	Production	Windows + Biztalk + Linux + SQLServer	3	Custom web Apps	Sent Successfully	4 Subscription Used (Migration)
💠 Data Estate	*	Phase III	Production	SQL	8	SQL Server	✓ Sent Successfully	N.A © Resource Group (Migration)
Onpremise Security	*							On Premise Environment Hyper-V
\$ тсо	>							Activity Status
W Others								 Added Assessment Tool (CR)
								✓ Added Migration Tool (CR)
								✓ Appliance Configure (Customer)
								✓ Discovery Status (Azure Migrate)
								✓ Sync discovery to CloudRecon(CR)
								Inventory in CloudRecon(CR)
								Sent CloudRecon Assessment
								× Pre-Migration (CR)
								Replication (Azure Migrate)
								X Test Failover (Azure Migrate)
								* Migration ⑦ Support

Figure 76: Azure Migrate – Add CloudRecon assessment tool



Pre-Migration steps:

Step 1: Select target Migration for migrating machines, pre-migration, and post-migration. As shown in <u>Figure 77: Azure Migrate – Migration setup</u>

CloudRecon®	😑 🔷 Contron Templar 🛛 Search anything 🔍 🖉 🦑 🗫 🏋 🖒 Contact Us For Thild Likense	• 🖻 = 🗴
Welcome,	Azure Migrate : Migration Setup and required services status	🚳 Activity Status Chart
	Required migration.pre-migration and post-migration setup for datacenter migration.	Azure Migrate Details
GENERAL	Please confirm about Target Azure Subsciption details where Migrated machines, Pre-migration and Post-migration services will added. Approval Step More Next >> Show Migrator Steps	Pe Subscription Used (Project) Subscription0365
The Upload Inventory V		Resource Group (Project)
View Dashboard >	Option 1 Option 2	So Migrate Project Name ProjectDemoTest
OnPrem Inventory ~	mapped with same logged-in O365 account mapped with other account using AD App details	S Migrate Project Region centralus
Cloud Migration ~		Qe Subscription Used (Migration)
💠 Data Estate 🗸 🗸		Resource Group (Migration)
Onpremise Security ~		C On Premise Environment Hyper-V
\$ тсо >		Activity Status
📸 Others 🗸 🗸		 Added Assessment Tool (CR)
		 Added Migration Tool (CR)
		 Appliance Configure (Customer)
		✓ Discovery Status (Azure Migrate)
		 Sync discovery to CloudRecon(CR)
		Sent ClouriRecon Assessment
		× Pre-Migration (CR)
		× Replication (Azure Migrate)
		X Test Failover (Azure Migrate)
		X Migration X Post-Migr 3 Support

Figure 77: Azure Migrate – Migration setup

Step 2: Provide Azure subscription details to set up Azure environment for migration.

Click on 'Save Subscription Details.' As shown in



	วท์็	≡		Custom Template	Search anything C		¥ 🖓 :	E emo(Owner;
Welcome, demo		Required migration, pre-migration and post-migration setup for datacenter	equired services status		Currency : US Dollar	(8)	Activi	ty Status Chart
GENERAL		B Please confirm about Target Azure Subsciption details	where Migrated machines, Pre-		<< Previous Step Move	Next >> Show Migration Steps	Qe Subscript	ion Used (Project) 10365
 Upload Inventory 		migration and Post-migration services will added.					Resource AMHTest	Group (Project)
Wiew Dashboard			Option 1	Option 2			Migrate AMHTestPro	Project Name sject
1 Missing Info		map	pped with same logged-in O365 account	mapped with other account using AD App details			Activity St	atus
OnPrem Inventory		Please provide Azure subscription details for Setup Azu	re environment for migration				V Added As	isessment Tool (CR)
Cloud Migration							✓ Added M	igration Tool (CR)
		* Subscription 🕑 [Sele	act Subscription]	•			✓ Appliance	v Status (Azure Migrate)
Data Estate		* Preferred Region ① [Sele	ect Region]	•			✓ Sync disc	covery to CloudRecon(CR)
Onpremise Security		* Resource Group ()		•			 Inventory 	in CloudRecon(CR)
							× Sent Clou	dRecon Assessment
\$ тсо				Save Subscription Details			× Pre-Migra	tion (CR)
🚰 Others							× Replicatio	n (Azure Migrate)
							X Test Fallo	(Azure Migrate)
							× Post-Migr	ation (CR)
							Machines	Status
							Discov	ered servers 0
							Asses	③ Support

Figure 78: Azure Migrate – Setup Azure environment for migration



Step 3: There are some Services which are required for pre-migration.

As per the Requirement, some are mandatory, and some are optional as shown in

Figure 79: Azure Migrate – Required Services status



Figure 79: Azure Migrate – Required Services status

Pre-Migration (Create Virtual Network): Provide Virtual Network Details and Subnet Details.

Click on 'submit & create.' As shown in Figure 80: Pre-Migration- Create Virtual Network

CloudRec	ดทั้	=	🗅 Contact In Template Search anything 🔍 🧟 🦑 🙊 🏋 😓 Contact Un For Trial Licen	👓 😒 🔳 👔 guri(Admin) -
Welcome,		Azure Migrate : Pre-Migration Se	etup Virtual Network	Activity Status Chart
guri		Requried pre-migration setup for datacenter migration.		Azure Migrate Details
GEMERAL		Create Virtual Network in Azure		Re Subscription Used (Project) Subscription0365
1 Upload Inventory	*	Create a logically isolated section in Microsoft Azure with th	is networking sense. You can securely connect it to your on-premises datacenter or a single client machine using an Disec connection. Virtual Networks make it easy for you	Resource Group (Project) R2
2 View Dashboard	>	to take advantage of the scalable, on-demand infrastructure	e of Azure while providing connectivity to data and applications on-premises, including systems running on Windows Server, mainframes, and UNIX.	Migrate Project Name ProjectDemoTest
OnPrem Inventory	*	* Select Option 0	Create New Service Use Existing Service	B Migrate Project Region
Cloud Migration	*	* Resource Group Ø	R2	4 Subscription Used (Migration) Visual Studio Enterprise – AmhTest
🗘 Data Estate	*	* Virtual Network Name 🖲		Resource Group (Migration)
Onpremise Security	*	" Address space 0		On Premise Environment Hyper-V
\$ тсо	`		(Address should be in COR form e.g.(10.1.0.016)	Activity Status
😸 Others	~	* Location ()	eastus	✓ Added Assessment Tool (CR)
		SUBNET DETAILS		Added Migration Tool (CR)
		* Subnet Name 🖲		✓ Appliance Configure (Customer)
				 Discovery Status (Azure Migrate)
		* Address range 0		✓ Sync discovery to CloudRecon(CR)
			(Address should be in CIDR form e.g.(10.1.0.0/16)	Inventory in CloudRecon(CR)
				Sent CloudRecon Assessment
				Replication (Ature Migrate)
			Back to Dashboard Submit & Create</td <td>X Test Failover (Azure Migrate)</td>	X Test Failover (Azure Migrate)
				× Migration (Azure Migrate)
				× Post-Mig
			Cos	vright © 2017 U (2) Support



Figure 80: Pre-Migration- Create Virtual Network

Pre-Migration (Create Network Security Group): Provide Network Security Group Details.

Click on '**submit & create**.' As shown in <u>Figure 81: Pre-Migration- Create Network Security</u> <u>Group</u>

CloudRecon®	😑 🕹 Contact Us For This License	guri(Admin)
Welcome,	I Azure Migrate : Pre-Migration Setup Nework Security Group	Activity Status Chart
guri	Required pre-migration setup for datacenter migration.	Azure Migrate Details
GENERAL	n Create Network Security group in Azure	Resubscription Used (Project) Subscription0365
Lupload Inventory	A network security group (NSG) contains a list of security rules that allow or deny network traffic to resources connected to Azure Virtual Networks (VNet), NSGs can be associated to subnets, individual VMs (classic), or individual network	Resource Group (Project) R2
View Dashboard >	interfaces (NC) attached to VMs (Resource Manager) Network Security Group Details	So Migrate Project Name ProjectDemoTest
OnPrem Inventory ~	* Select Option 0 Create New Service Use Existing Service	Migrate Project Region centralus
Cloud Migration ~	* Location 0 eastus	Re Subscription Used (Migration) Visual Studio Enterprise – AmhTest
💠 Data Estate 🗸 🗸	* Resource Group 0 R2	Resource Group (Migration) R2
Onpremise Security ~	* Network Security Group Name 0	On Premise Environment Hyper-V
\$ тсо >		Activity Status
👹 Others 🗸 🗸	<< Back to Dashboard 🖉 Create New Service	✓ Added Assessment Tool (CR)
		✓ Added Migration Tool (CR)
		✓ Appliance Configure (Customer)
		✓ Discovery Status (Azure Migrate)
		 Sync discovery to CloudRecon(CR)
		 Inventory in CloudRecon(CR)
		 Sent CloudRecon Assessment
		× Pre-Migration (CR)
		× Replication (Azure Migrate)
		X Test Failover (Azure Migrate)
		× Migration (Azure Migrate)
		2 Support
Ċ	Copr	ight © 20 d. ved.

Figure 81: Pre-Migration- Create Network Security Group

Pre-Migration (Create Backup Security Vault): Provide Backup Service Vault Details.

Click on 'create.' As shown in Figure 82: Pre-Migration- Create Backup Security Vault

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	on®	=		Custom Template	Search anything Q	<i>a</i> • •	F	Contact Us For Trial Licen	•• 🔄 📃 guri(A
Welcome,		Azure Migrate : Pre-Migration Se	tup Backup Security Vault						Activity Status Chart
guri		Required pre-migration setup for datacenter migration.							Azure Migrate Details
GENERAL									Pe Subscription Used (Project) Subscription0365
🛓 Upload Inventory		A Parauran Ennire unult in a storage antity in Azure	war data. The data is tunically cape of data or con-	investion information for un	tual machiner (/Atr) worklaad	rener or undertations			Resource Group (Project) R2
🚯 View Dashboard		Backup Service Vault	uses data. The data is typically copy of data of con	guradon anoniadon ioi vi	uai macimes (vins), wonoodus	, SEVER, OF WORSTANDIS.			Migrate Project Name ProjectDemoTest
OnPrem Inventory		* Select Option 🖯	Create New Service Use Existing Service						Migrate Project Region
Cloud Migration		* Location O	eastus						9e Subscription Used (Migration) Visual Studio Enterprise - AmhTer
Data Estate		* Resource Group 🖲	R2						Resource Group (Migration) R2
Onpremise Security		* Backup Service Vault Name 🖲							On Premise Environment Hyper-V
\$ тсо									Activity Status
Sthers			<< Back to Dashboard Create						Added Assessment Tool (CR)
									✓ Added Migration Tool (CR)
									✓ Appliance Configure (Customer
									✓ Discovery Status (Azure Migrati
									✓ Sync discovery to CloudRecon(
									✓ Inventory in CloudRecon(CR)
									Sent CloudRecon Assessment
									× Pre-Migration (CR)
									Replication (Azure Migrate)
									× Test Failover (Azure Migrate)
									K Migration (Azure Migrate)
								Con	X Post

Figure 82: Pre-Migration- Create Backup Security Vault

Pre-Migration (Create Local Network Gateway).

As shown in Figure 83: Pre-Migration- Create Local Network Gateway

	Ξ	Custo	n Template Search anythins Q	🗐 🌲 😒 📜 🏠 Contact Us For Trial Lice	nse 🔄 📃 guri(Admin)
Welcome, auri	Azure Migrate : Pre-Migration Setup Required pre-migration setup for datacenter migration.	VPN Connection			Activity Status Chart
					Azure Migrate Details
GENERAL	Create VPN Connection in Amure				 At Subscription Used (Project) Subscription0365
🚣 Upload Inventory 🗸 🗸	100 Create VEN Connection in Azure			<< Back to Dashboard	Resource Group (Project)
A store best based					R2
View Dashboard					Migrate Project Name ProjectDemoTest
OnPrem Inventory ~	Step 1 Creating LocalNetworkGateway	Step 2 Creating PublicIP	Step 3 Creating VirtualNetworkGateway	Step 4 Creating VPN Connection	A Migrate Project Region
					centralus
Cloud Migration V	Step 1: Creating Local Network Gateway				4 Subscription Used (Migration) Visual Studio Enterprise - AmhTest
💠 Data Estate 🗸 🗸	A local network gateway represents the hardware or software V	VPN device in your local network. Use this with a connec	tion to set up a site-to-site VPN connection betwee	en an Azure virtual network and your local network.	Resource Group (Migration)
	Local Network Gateway Details				On Premise Environment
 Organitation declarity 	* Subscription Name 🖲 🛛 Vi	isual Studio Enterprise – AmhTest			Hyper-V
\$ тсо >	Resource Group () R	2			Activity Status
25 - 1					Added Assessment Tool (CR)
Tothers V	* LocalNetworkGatewayName ()				✓ Added Migration Tool (CR)
					✓ Appliance Configure (Customer)
	* Location 🚯 🛛 ea	astus			✓ Discovery Status (Azure Migrate)
		Submit & Create Move Next >> Public IPAddr	erce .		✓ Sync discovery to CloudRecon(CR)
					Inventory in CloudRecon(CR)
					✓ Sent CloudRecon Assessment
					× Pre-Migration (CR)
					× Replication (Azure Migrate)
					X Test Failover (Azure Migrate)
					× Migration (Azure Migrate)
					× Post-Mientine (OD)
Q				Co	pyright © 2017 3 Support

Figure 83: Pre-Migration- Create Local Network Gateway

Pre-Migration (Create Public IP Address for creating Virtual Network Gateway).

As shown in Figure 84: Pre-Migration- Create Public IP Address

 CloudRecon Wearing of all of anti-print resources to communicate information to Azure resources. Public IP Addresss alloc enable Azure resources. Public IP Addresss alloc enable Azure resources. Public IP Address alloc enable Azure resources. P	nify <mark>Clou</mark>
Witcome, get Bet Azure Migrate : Pre-Migration Setup VPN Connection Repeated per-injuton shap, for datasetier migraton. • Upbad forestory • Order Migration • Order M	🔊 = 👔 guri (A
get Tepend get migrated tables for datacets migrates. • Centre Impact of get migrates. • Uplad Inventory Impact of get migrates. • Ordreen Inventory Impact of get migrates.	🕸 Activity Status Chart
BUERAL Image: State State Image: State State State Image: State State State Image: State	Azure Migrate Details
<td< td=""><td>& Subscription Used (Project) Subscription0365</td></td<>	& Subscription Used (Project) Subscription0365
By the Databased 3 2 3 4 Step 1 Step 2 Step 3 Step 4 Step 4 Calculation Calculation Step 4 Step 4 Step 4 Step 4 Calculation Calculation Step 5 Calculation Step 4 Step 4 Step 4 Calculation Calculation Step 5 Calculation	Resource Group (Project)
Image: Deliver Interestory Image: Deliver Interestory Step 1 Step 2 Step 3 Step 4 Step 4 <td>Migrate Project Name ProjectDemoTest</td>	Migrate Project Name ProjectDemoTest
 Cloud Migration Cloud Migration Step2: Creating Public IP Address Public PAddress: allow intermet resources. To blic IP addresses allow intermet resources to communicate intorund to intermet and public-facing Azure services with an P address: Public IP Address Details: Stoppenties Security	Migrate Project Region
 Once Existe	& Subscription Used (Migration)
▲ Onpennise Security Public IPAddress Details Image: Company of the security of th	Resource Group (Migration)
\$ too * Subscription Name 0 Visual Studio Enterprise - AmhTest * Resource Group 0 R2 * Public IP Address Name 0	On Premise Environment Hyper-V
** Resource Group O R2 ** Public IP Address Name O	Activity Status
* Public IP Address Name 0	Added Assessment Tool (CR)
	Added Migration Tool (CR)
	Appliance Configure (Customer
Label	 Discovery Status (Azure Migration
	Sync discovery to CloudRecon(
- LOCIDOT V VENUS	 Inventory in CloudRecon(CR)
	Sent CloudRecon Assessment
Submit & Create Move Next >> Viriual Network Galeway Previous <<	Pre-Migration (CR)
	Replication (Azure Migrate)
	X Test Failover (Azure Migrate)
,	× Migration (Azure Migrate)
	* Post-Mig

Figure 84: Pre-Migration- Create Public IP Address

Pre-Migration (Create Virtual Network Gateway).

As shown in Figure 85: Pre-Migration- Create Virtual Network Gateway

	≡	Custom Template	Search anythin; 🔍 🖉 🌲	😒 🚡 👌 Contact Us For Trial Licen	e 🔄 🗐 🗐 guri(Admin)
Welcome,	Azure Migrate : Pre-Migration Set	up VPN Connection			Activity Status Chart
					Azure Migrate Details
GENERAL	Streate VPN Connection in Azure			<< Beck to Dashboard	Qe Subscription Used (Project) Subscription0365
🕹 Upload Inventory 🗸 🗸			•		Resource Group (Project) R2
Wiew Dashboard >	0	2			Migrate Project Name ProjectDemoTest
ConPrem Inventory V	Step 1 Creating LocalNetworkGateway	Step 2 Creating PubliciP Cr	Step 3 sating VirtualNetworkGateway	Step 4 Creating VPN Connection	Migrate Project Region centralus
Cloud Migration ~	🏚 Step3: Creating Virtual Network Gateway				Re Subscription Used (Migration) Visual Studio Enterprise - AmhTest
💠 Data Estate 🗸 🗸	A VPN gateway is a specific type of virtual network gateway	y that is used to send encrypted traffic between an Azure virtual networ	k and an on-premises location over the public Interne		Resource Group (Migration)
Onpremise Security ~	* Subscription Name 0	Visual Studio Enterprise – AmhTest			On Premise Environment Hyper-V
\$ тсо >	* Resource Group 🖲	R2			Activity Status
🚰 Others 🗸 🗸	Thister History Column				✓ Added Assessment Tool (CR)
	Virtual Network Gateway O				✓ Added Migration Tool (CR)
		Label			✓ Appliance Configure (Customer)
					✓ Discovery Status (Azure Migrate)
	* GatewaySubnet Address space 🖲				✓ Sync discovery to CloudRecon(CR)
		(Address should be in CIDR form e.g.(10.0.1.0/24)) [(10.0.1.0 - 10.0.1.255 (251 + 5 Az	ine reserved addresses[]]		Inventory in CloudRecon(CR)
	Timeting 0	ast			✓ Sent CloudRecon Assessment
	- Decalion O	Tdosuo.			× Pre-Migration (CR)
					× Replication (Azure Migrate)
		Create Move Next >> VPN Connection Previous <<			X Test Failover (Azure Migrate)
					× Migratio × Post-Mic ⑦ Support
Ċ				Cop	right © 2017 UnifyCloud All rights reserved.

Figure 85: Pre-Migration- Create Virtual Network Gateway



Pre-Migration (Create VPN Connection).

As shown in Figure 86: Pre-Migration- Create VPN Connection

	🚍 🔷 Cuntom Templater Search anything 🔍 🖉 🌲 😒 🏠 Contact Us For Trial Liver	se 🛃 📃 👤 guri(Admin)
welcome, guri	Azure Migrate : Pre-Migration Setup VPN Connection Required pre-migration setup for datacenter migration.	Activity Status Chart
GENERAL	Create VPN Connection in Azure Back to Dashboard	Resource Group (Project)
🏶 View Dashboard >	0 0 0 0 Ste 1 Ste 2 Ste 3 Ste 4	R2
OnPrem Inventory	Creating LocalitetworkGateway Creating Matlice? Creating VirtualNetworkGateway Creating VPN Connection	Migrate Project Region
Croud Migration V Data Estate V	Step4: Creating VPN Connection	Subscription Used (Migration) Visual Studio Enterprise – AmhTest Resource Group (Migration)
A Onpremise Security 🗸	VPN Connection Details	R2 On Premise Environment Humer V
\$ тсо >	* Subscription Name * Resource Group R 2	Activity Status
🐮 Others 🗸 🗸	* V9N Connection Name 0	Added Assessment Tool (CR) Added Migration Tool (CR)
	- shared Key 🛛	Appliance Configure (Customer) Discovery Status (Azure Migrate) Sync discovery to CloudRecon(CR)
	*Location 😗 eastus	Inventory in CloudRecon(CR) Sent CloudRecon Assessment Pre-Migration (CR)
	Create Previous <<	X Replication (Azure Migrate) X Test Failover (Azure Migrate)
		X Migration (Azure Migrate) X Post-Migration (CR)
Ċ	Сор	yright © 2017 L 🕜 Support

Figure 86: Pre-Migration- Create VPN Connection

Pre-Migration (Create Public IP for machines that will be used externally).

As shown in Figure 87: Pre-Migration- Create Public IP Address

CloudRecon®	=		Custom Template	Search anythin	s Q 🖉 🕯	* • F	Contact Us For Trial License	🞐 📃 🧕 guri(Admin) -
welcome, guri	Required po	ITE Migrate : Post-Migration Set st-migration setup for datacenter migration.	up Public IP Address					
GENERAL	so Cr	eate Public IPs in Azure						Retrict to Dashboard
View Dashboard	Show	10 • entries					Searc	h
OnPrem Inventory ~	SI.	Ili Computer Name	11 Operating System		Machine Type	Environment	Is access type External ?	IP address Name
	1	MAP-12-0705.map.test.CONTOSO.COM	Microsoft Windows Server 2012 Datacenter		Windows	Production		N/A
Cloud Migration ~	2	MAP-12-0706.map.test.CONTOSO.COM	Microsoft Windows Server 2012 Datacenter		Windows	Production	0	N/A
💠 Data Estate 🗸 🗸	3	Map-12R2-0901.map.test.CONTOSO.COM	Microsoft Windows Server 2012 R2 Datacenter		Windows	Production		N/A
A Onpremise Security ~	4	MAP-BT10-0903.map.test.CONTOSO.COM	Microsoft Windows Server 2008 R2 Enterprise		Biztalk	Production	0	N/A
\$ тсо >	5	MAP-CM12-CAS.map.test.CONTOSO.COM	Microsoft Windows Server 2012 Datacenter		SQLServer	Production		N/A
34	6	MAP-CM12-SRV3.map.test.CONTOSO.COM	Microsoft Windows Server 2012 Datacenter		SQLServer	Production	0	N/A
Tothers V	7	MAP-CMBL-SRV2.map.test.CONTOSO.COM	Microsoft Windows Server 2012 R2 Datacenter Preview		SQLServer	Production		N/A
	8	map-vcenter-2.HQ.CORP.CONTOSO.COM	Microsoft Windows Server 2008 R2 Enterprise		Windows	Production	0	N/A
	9	POM-3P8E-01.USA.CONTOSO.COM	Microsoft® Windows Server® 2008 Enterprise		Windows	Production		N/A
	10	POM-3SCC-07-01.USA.CONTOSO.COM	Microsoft® Windows Server® 2008 Enterprise		SQLServer	Production	0	N/A
	Showin	g 1 to 10 of 170 entries					Previous 1 2 3	4 5 17 Next
	÷							
0							Copyright @ :	2017 Unif

Figure 87: Pre-Migration- Create Public IP Address



Migration steps:

- **Step 1:** Azure Migrate Replication Steps, User must follow all the steps to complete Replication Steps.
- Click on '**Click to Confirm if Replication Process Done.**' As shown in <u>Figure 88: Azure Migrate</u> <u>– Replication</u> Steps

CloudRecon®	UnifyCloud™
	E Contact Us For Thial License C E C
Welcome,	Azure Migrate site in order to replicate machines.
GENERAL L Upload Inventory ~	Step 7 : Migration Steps to be followed VMWare virtualization software are specified below.
🕉 View Dashboard >	Azure Migrate Replication Steps 2) Azure Migrate Testfailover Steps 3) Azure Migrate Final Migration Steps
OnPrem Inventory v	Please follow these Steps for machines Replication using Azure Migrate Click to Contirm if Replication Process Done
 Cloud Migration Data Estate 	(1) Step 1.1 Start replication using azure migration tool
Onpremise Security S TCO	(12) Step 1.2 Add vCenter connected Appliance name.
e others v	(1) Step 1.3 Select here to import migration settings from a assessment
	Step 1.4 Select target subscription information for migration.
	(13) Step 1.5 Review the Azure VM size for the machines that are being migrated.
	(1.6) Step 1.6 Review the OS disk for the machines that are being migrated.
	(?) Step 1.7

Figure 88: Azure Migrate – Replication Steps

Step 2: Azure Migrate Test Failover Steps, User must follow all the steps to complete Test Failover Steps.

Click on '**Click to Confirm if Test Failover Process Done.**' As shown in Figure 89: Azure Migrate <u>– Test Failover Steps</u>

CloudRecon®	🚍 🔷 Constant Template: Search anything: Q, 🖉 🌲 🙊 🏋 🔥 Constant Us For Thild Libronso	
Welcome,	Azure Migrate : Migration Steps Azure Migrate steps in order to replicate machines.	
GENERAL	Step 7 : Migration Steps to be followed VMWare virtualization software are specified below.	
🕫 View Dashboard >	1 Azure Migrate Replication Steps 2 Azure Migrate Testfailover Steps 3 Azure Migrate Final Migration Steps	
OnPrem Inventory Cloud Migration V	Please follow these Steps for machines Test Failover using Azure Migrate Click to Continu it TestFailover Process Done	
💠 Data Estate 🗸 🗸	(2.) Step 2.1 After VM replication is done , start test migration	
Onpremise Security S TCO	2 Step 2.2 Select the virtual network for the target VM	
🐮 Others 🗸 🗸	(23) Step 2.3 Test migration is started. status can be seen	
	(2.) Step 2.4 All steps of test migration are completed	
	(3) Step 2.5 VM is created inside the resource group	
	(2.6) Step 2.6 Use RDP to test the created VM (3) Support	

Figure 89: Azure Migrate – Test Failover Steps

Step 3: Azure Migrate Final Migration Steps, User must follow all the steps to complete Final Migration Steps.

Click on 'Click to Confirm if Final Migration Process Done.' As shown in

Figure 90: Azure Migrate – Final Migration Steps

oudRecon [®]	UnifyCloud
CloudRecon®	🚍 🔷 Custom Template Search anything 🔍 🖉 🦑 🗮 🍖 🏋 🄥 Constant Us For Trial Linease 😒 🚍 🖉
Welcome,	The Azure Migrate : Migration Steps Azure Migrate steps in order to implicate machines.
GENERAL	
Upload Inventory ~	Sold 1: S
😰 View Dashboard >	1) Azure Migrate Replication Steps 2) Azure Migrate TestFailover Steps 3) Azure Migrate Final Migration Steps
OnPrem Inventory V	Dears follow there Store for machine lined Migration using Asure Migrate
Cloud Migration ~	Prease tollow these steps for inactime mini and migration using Azare wing are
💠 Data Estate 🗸 🗸	3.1 Step 3.1 Click on Migrate link for final Migration
A Onpremise Security ~	
\$ тсо >	3.2 Select option yes to shutdown the machine on on-premise remotely
營 Others 🗸 🗸	(a) Step 3.2 Mgration Process Started
	(a) Step 3.4 Mgration Process Status
	(3.3) Step 3.5 Mggration Process Completed.
	() Support

Figure 90: Azure Migrate – Final Migration Steps

Step 4:

Click on Azure Migrate Status Dashboard. As shown in Figure 91: Migration Steps

CloudRecon®	🚍 🗖 Contact Tanglés Search anything 🔍 🔮 🤽 📚 🏋 🖒 Contact Us For Thial License 😒 🚍 🔔
Welcome,	Azure Migrate : Migration Steps Azure Migrate site in order to replicate machines.
GENERAL	Step 7: Migration Steps to be followed VMWare virtualization software are specified below. (C) Astronomy Magnetic Status Davidsoned
View Dashboard	1 Azure Migrate Replication Steps 2 Azure Migrate TestFailover Steps 3 Azure Migrate Final Migration Steps
OnPrem Inventory Cloud Migration	Please follow these Steps for machine Final Migration using Azure Migrate Crick to Confirm if Migration Process Done
💠 Data Estate 🗸 🗸	(3.) Step 3.1 Click on Migrate link for final Migration
Onpremise Security S TCO	(32) Step 3.2 Select option yes to shutdown the machine on on-premise remotely
🐮 Others 🗸 🗸	(1) Step 3.2 Migration Process Started
	(3.) Step 3.4 Migration Process Status
	(33) Step 3.5 Migration Process Completed.
	() Support

Figure 91: Migration Steps

Now, Customer can see 'Azure Migrate: Status Dashboard' as shown in Figure 92: Azure Migrate – Status Dashboard

O udRecon	Ð									Un	ify <mark>Clo</mark> u
CloudRecon							Custom Template	Search anything	a 🖉 🌲 🔹	¥ 🔊	≡ <u>0</u>
welcome,		re Migrate : Status Dashbo	ard								
GENERAL		a a a a a a a a a a a a a a a a a a a	Caruari	Diecowany A	reasement and Ministian Depart						
1 Upload Inventory		are inigrate dashadard with current ataras	2, 361 YO 1	Discovery, A	ssessment and nigration report						<< rrevious Step
View Dashboard >				📫 List o	of machines with migration status	(Replication, Test Fai	lover and Final Migrat	ion)			
i Missing Info	~	UnityCloud Assessment Status		Show 1	p 🔹 entries					Search:	
ConPrem Inventory	-	Discovered servers	2	51. Ili	Computer Name	Discovery Via Azure Migrate	Assessment Via CloudRecon	MigrationPhase	ReplicationProgress	Test Migration	Post Migration 11
Cloud Migration	-	Total right sized	2	1	TestVM2012-test	Done	Not Done	Replicating	100% Complete	Done	© Start
Data Estate		 Total not sizeo Total sent assessment 	2	2	AMHAppliance-test	Done	Not Done	NA	E.	Not Done	NA
Onreamise Security					Microsoft Windows Server 2016 (64-bit)				0% Complete		
÷				3	TestVM2016-test Microsoft Windows Server 2016 (64-bit)	Done	null	Replicating	100% Complete	Done	O Start
\$ 100	č 💧	Azure Migrate Migration Status		Showing 1	to 3 of 3 entries						Frevious 1 Next
Tothers	Ť I	Discovered servers	2								
		Assessed servers	1								
		Replicating servers	1								
	1	Y Test migrated servers	1								
		Migrated servers	0								
											⑦ Support

Figure 92: Azure Migrate – Status Dashboard

Post-Migration steps:



Step 1:

Click 'Start' to start Post Migration As shown in Figure 93: Azure Migrate – Status Dashboard

	on" 🔳						Custom Template	Search anything	۹ 🖉 🌾	* * * 🖻	≡ demo(Owner)	
Welcome, demo	s	Azure Migrate : Status Dash	nboard ashboard.			Curren	ncy : US Dollar (\$)					
GENERAL												
1 Upload Inventory	•	Azure Migrate dashboard with current s	tatus, Serve	r Discovery,	Assessment and Migration Report						«« Previous Step	
View Dashboard	>			nii Si	bscription Level Post Migration [S	ecurity Center]		Resource Gro	oup Level Post Migra	tion [Tag]		
i Missing Info		Azure Target Subscription De	tails	Com	current Tier Status	Upgrad	Upgrade to the standard tier		Component			
OnPrem Inventory	•	9e Subscription Used (Migration) Visual Studio Enterprise – CSP		Secu	ity Center Free (for Azure resource	is only) Stand	dard	Tagging		Click Here		
Cloud Migration	~	Resource Group Name (Migration) AMHTest		📫 List	of machines with migration status	(Replication, Test Fa	ailover and Final Migrati	on)				
💠 Data Estate	~	Resource Group Region (Migration) centralus		Show	10 • entries					Search		
Onpremise Security				si. (1	Computer Name	Discovery Via Azure Migrate	Assessment Via CloudRecon	MigrationPhase 11	ReplicationProgress	Test Migration	Post Migration	
\$ тсо	-			1	TestVM2012 Microsoft Windows Server 2012 (64-bit)	Done	Done	Replicating	100% Complete	Done	• Start	
🚰 Others	•	Azure Migrate Migration Stat	tus	2	AMHAppliance	Done	Not Done	NA	0% Complete	Not Done	NA	
		Discovered servers	3	3	Microsoft Windows server 2016 (64-bit)	Done	eul.	Realizating	CONTRACTOR OF	Done	OStat	
		Assessed servers	30	1	TestVM2016 Microsoft Windows Server 2016 (64-bit)	bulle	1121	reporting	100% Complete	Cong	Oblie	
		Replicating servers	2	Showing	1 to 3 of 3 entries						Previous 1 Next	
		🛃 Test migrated servers	2									
		Migrated servers	0									
											(?) Support	

Figure 93: Azure Migrate – Status Dashboard

Step 2:

There are some Services are given which are required for post-migration.

As per the Requirement, some are mandatory, and some are optional as shown in <u>Figure 94: Azure</u> <u>Migrate – Post-Migration Services</u>

CloudRecon®	Ξ					Custom Template	Search anything	Q,	₽ \$	•)	⊵ ≡	demo(Owner) ~
Welcome, demo	A	zure Migrate Post Migra	tion Steps									Monitor	With CloudSupervisor
GENERAL		✓ Virtual Machine Configuration	1										
1 Upload Inventory ~		SubscriptionID : d8148567-d3f	7-4cf0-b082-cf1f6ac4758f	Resource Group : AMHTest	Virtual Machine : TestVM2012	region : centralus							<< Previous Step
Wiew Dashboard >													
i Missing Info 🗸		provisionVMAgent must be ins	tall on Virtual Machine for En	nable Extensions on it. For Help C	Click Here								
OnPrem Inventory ~		Sn. Post-migrat	ion Services		Requirement	Statu	s	#Acti	on				
Cloud Migration ~		1. Netwo	ork Watcher		Mandatory	×		+/	Add Now				
💠 Data Estate 🗸 🗸		2. 🥵 Log A	nalytics		Mandatory	×		+/	Add Now				
A Onpremise Security 🗸		3. Diagn	ostics		Mandatory	×		+/	Add Now				
\$ тсо ~		4. ざ Backu	p		Mandatory	×		+/	Add Now				
🐮 Others 🗸 🗸		5. 💽 Monit	oring Alerts		Optional	×		+/	Add Now				
		6. Resou	rce Tagging		Optional	×		+/	Add Now				
		7. 💽 Antim	alware		Mandatory	×		+/	Add Now				
		8. Os Dis	k Encryption		Optional	×		+/	Add Now				
		9. 🚫 Add P	ort Rule		Optional	×		+/	Add Now				
		10. (Auto :	ihutDown		Optional	×		+/	Add Now				
													⑦ Support

Figure 94: Azure Migrate – Post-Migration Services

Post-Migration Services:



1: Network watcher: Click on 'Add Now' to add services.

To configure Network watcher, click on' Yes, I confirm.' As shown in <u>Figure 95: Azure Migrate –</u> <u>Network watcher</u>

CloudReco					- Lossesson	۹. 🖉	4 ° T	
Welcome,	Azure Migrate		Confirmation		^			
demo			For configuring Network Watcher					
GENERAL	🕈 Virtual Machin	e Configuration	Network Watcher enables you network. Network Watchers d	i to monitor and diagnose health and perform lagnostic and visualization tools, helps you t	nance of your o for example			
Wiew Dashboard			capture packets on a Virtual N can identify where packets wi topology.	Machine, validating if an IP flow is allowed or III be routed from a VM and gain insights to y	denied. You also our all-up network			
i Missing Info	provisionVMA	igent must be install on Virtual Machine for Enabl	Resource Group : AMHTest					
ConPrem Inventory		Post-migration Services	Resource : TestVM2012			Action		
Cloud Migration		Network Watcher	Location : centralus			+ Add Now		
 Data Estate 		Dog Analytics		Yes, I Co	onfirm Cancel	+ Add Now		
A Oppremise Security				Mandaldey	×	+ Add Now		
\$ тсо		ackup		Mandatory	×	+ Add Now		
1 Others		Monitoring Alerts		Optional	×	+ Add Now		
		Resource Tagging		Optional	×	+ Add Now		
		C Antimatware		Mandatory	×	+ Add Now		
		Os Disk Encryption		Optional	×	+ Add Now		
		🙆 Add Port Rule		Optimie	×	+ Add Now		
		() Auto ShutDown		Optional	×	+ Add Now		

Figure 95: Azure Migrate – Network watcher

2: Back-up Policy: Provide Recovery service vaults and Backup policy.

Click on 'Backup Enable.' As shown in Figure 96: Azure Migrate – Backup Policy

	=	Custom Templete	Search anything	۹ (1	R]	2	demo(Owner).~
Welcome, demo	Azure Migrate > BackUp Policy							
GENERAL	SubscriptionID : d8148567-d317-4cI0-b082-cf116ac4758f Resource Group : AMHTest Location : centrales							Back To PostMigration
Upload Inventory	Charges are based on the number and size of VMs being protected. Review the following information and click on Enable backup to start protecting your VM.							
i Missing Info	Choose Recovery Service valuts							
OnPrem Inventory	AMHTestProject450brsvault Choose BackUP Policy							
Cloud Migration ~	DefaultPolicy BackUp Enable							
♦ Data Estate ~	BACKUP FREQUENCY at 1:30 AM UTC							
Conpremise Security ~	INSTANT RESTORE							
\$ <u>TCO</u> ~	Retain instant recovery snapshot(s) for 2 day(s) at 1:30 AM UTC							
불 Others ~	RETENTION RANGE Retention of daily backup point Retain backup taken every day at 1:30 AM for 180 Day(s)							
								⑦ Support

Figure 96: Azure Migrate – Backup Policy

3. Monitor Alert: Select options to enable alerts on email.



Click on 'Enable' for alert. As shown in Figure 97: Azure Migrate – Monitor Alert

CloudRecon	ຫ ໂ	=	Custom Template	Search anything	٩		k	• 1	. 5	≡	demo(Owner) ~
Welcome, demo		D Monitor Alert									
GENERAL		SubscriptionID : d8148567-d317-4cfD-8082-cf116ao4758f Resource Group : AMHTest Location : centralus								Bac	k To PostMigration
Upload Inventory View Dashboard >	ò	Alerts in Azure Monitor proactively notify you of critical conditions and potentially attempt to take corrective action. Alert nules based on metrics provide near real time alerting based on numeric values, while rules based on logs allow for complex logic across data from minimic more acrossing and an analysis of the second se									
i Missing Info	×	manyan avaleste estilente to anabile electre en annail/ demo@unifvritoud.com \									
OnPrem Inventory Cloud Migration	ř v	Vehaal dechic Dealocation	eare server options to enable aters on email verificewing conduction (
Oata Estate	÷	Virtual Machine Stop Alert Percentage CPU(Greater Than or equal to - Average Threshold 80%) Disk Bad Conscions/star/Instater Than or email to - Average Threshold 5000)									
Onpremise Security S TCO	ř	Disk Write Operations/Exc(Dreater Than or equal to - Average Threshold 5000)									
There are a contract of the co	•										
											⑦ Support

Figure 97: Azure Migrate – Monitor Alert

4. Resource Tagging: Customer can add tag on Resource Group. As shown in <u>Figure 98: Azure</u> <u>Migrate – Resource Tagging</u>

CloudRecon	D	≡	Custom Templat						Search anythins	۹ 🖡	*	•	F	⊵ ≡	demo(Owner) ~
Welcome, demo		Azure Mig	Ire Migrate Resource Tagging												
GENERAL		Subscription	criptioniD : d8148567-d3f7-4cf0-6082-cf1f6ac4758ff Resource Group : AMHTest Location : centralus VMName : TestVM2012					stVM2012							<< Previous Step
1 Upload Inventory	~	Taggin	a List I												
View Dashboard >		SR.NO T	agName	TagValu	2										
1 Missing Info	~	1 pr	roject	cloudRe	con		Edit	Delete							
OnPrem Inventory	~	Too Name			Tan Value:										
Cloud Migration	~	Tog Hame.					Add	Save Tag							
💠 Data Estate	~														
Onpremise Security	~														
\$ тсо	~														
Sthers .	~														
															③ Support

Figure 98: Azure Migrate – Resource Tagging

5. Virtual Machine Auto Shutdown: Provide shutdown details as per requirements. As shown in Figure 99: Azure Migrate – Virtual Machine Auto Shutdown.

loudRecon®	UnifyCloud
CloudRecon®	E Search anything Q 🖉 & 🐄 TE 😒 demo(Venne) -
Welcome, demo	Azure Migrate Virtual Machine Auto ShutDown Subscription(): dtl:4552-dtf)-4cf0-b022-cf1fsac473af Resource Group: AMFITEE Location : centralus Vi/Mame : TestVM2012
Upload inventory	Please fill in the Shut-down details
OnPrem Inventory	Enabled * Of On Scheduled shutdown * 1700
Cross migration Consumina Security	TimeZone* (GMT-12.09) International Date Lin • Send Notification before auto-shutdown?* No Ves
\$ TCO ~	Email Address * testiĝdomain.com Submit
	() Support

Figure 99: Azure Migrate – Virtual Machine Auto Shutdown

Post-Migration services steps are done. As shown in <u>Figure 100: Azure Migrate – Post-Migration</u> <u>Services</u>

	'n	=		٥	Custom Template Search anythin	a 🖉 🎉	N	demo(Owmer) ~
Welcome, demo		Azure Migra	te Post Migration Steps					Monitor With CloudSupervisor
GENERAL		✓ Virtual Mac	hine Configuration					
1 Upload Inventory	•	1		1				
View Dashboard	>	Subscriptio	niD : d8148567-d3f7-4cf0-b082-cf1f6ac4758f Reso	urce Group : AMI+Test Virtual Machine : TestVM2012 Region : centra	lus			or menous step
i Missing Info	~	provisionV	MAgent must be install on Virtual Machine for Enable Extension	ansions on it. For Help Click Here				
lon Prem Inventory	-	Sn.	Post-migration Services	Requirement	Status	#Action		
Cloud Migration	-	ъ.	Network Watcher	Mandatory	~	+ Add Now		
💠 Data Estate	•	2.	Of Log Analytics	Mandatory	~	+ Add Now		
Onpremise Security	•	3.	Diagnostics	Mandatory	~	+ Add Now		
\$ тсо	•	4.	💣 Backup	Mandatory	~	+ Add Now		
🚰 Others	•	5.	Monitoring Alerts	Optional	~	+ Add Now		
		6,	Resource Tagging	Optional	~	+ Add Now		
		7,	Antimalware	Mandatory	~	+ Add Now		
		8,	Os Disk Encryption	Optional	~	+ Add Now		
		9,	🔕 Add Port Rule	Optional	~	+ Add Now		
		10,	() Auto ShutDown	Optional	~	+ Add Now		() Support

Figure 100: Azure Migrate – Post-Migration Services

Steps to Sync Pre- discovered Azure Migrate data to CloudRecon.



Step 1: Click on '**Create CloudRecon Inventory with Azure Migrate data**'. As shown in <u>Figure</u> <u>101: Azure Migrate</u>



Figure 101: Azure Migrate

Step 2:

Provide Subscription/Resource group info and Project details.

Click on '**Sync discovery & create inventory**' button to Sync up the azure migrate discovery data to CloudRecon and create an inventory. As shown in <u>Figure 102: Azure Migrate</u> <u>– Sync Pre-Discovered data</u>

CloudRecon®	=		Custom Template	Contact support demo(Ovmer) ~
Welcome, demo	Azure Migrate : Sync Pre-Discoverd data to CloudRecon - Access and Monitor Phase	CloudRecon		
GENERAL				
Upload Inventory ~	Step 3 : Sync pre-discoverd data from Azure Migrate			<< Previous Step Move Next >> Show Inventory
🛒 Azure Migrate 🗸 🗸	SUBSCRIPTION/RESOURCE GROUP INFO			
Wiew Dashboard >	* Subscription 🖲	Visual Studio Enterprise – CSP	٠	
矕 User Management 🔷 🔸	* Resource Group 🖲	AMHTest	•	
	PROJECT DETAILS			
	Specify the name of the project and assesment name.			
	* Project Name 🖲	AMHTestProject	•	
		Sync Discovery & Create Inventory		
				⑦ Support

Figure 102: Azure Migrate – Sync Pre-Discovered data



Please wait to Synchronize Azure Migrate data to CloudRecon. As shown in <u>Figure 103</u>: <u>Synchronize Azure Migrate data</u>

CloudRecon®	=		Curstom Template	Contact support demo(Owner) -
GENERAL Welcome, demo	Azure Migrate : Sync Pre-Discoverd data to CloudRecon - Access and Monitor Phase	CloudRecon		
lupload Inventory 🗸 🗸	5 Step 3 Sync pre-discoverd data from Azure Migrate			Adve Next >> Show Investory
🗱 Azure Migrate 🗸 🗸	SUBSCRIPTION/RESOURCE GROUP INFO			
View Dashboard	* Subscription O	Visual Studio Enterprise – CSP	,	
🔮 Üser Managament . 🕠 🤇	■ Resource Group ● PROJECT DETAILS Specify the name of the project and assessment name.	AAHThet Please wait, Synchronizing Azure Migrate Discovery Data to CloudRecon Addr Sync Discovery & Clease Investory	•	

Figure 103: Synchronize Azure Migrate data

Once data is synced success message will be displayed. Click on 'OK.'

CloudRecon®	=		Custom Template	Contact support	demo(Owner)
Welcome, demo	Azure Migrate : Sync Pre-Discoverd data to Cloud CloudRecon - Access and Monitor Phase	IRecon			
GENERAL					
Upload Inventory ~	55 Step 3 : Sync pre-discoverd data from Azure Migrate			<- Previous Step Move Next	>> Show Inventory
🚝 Azure Migrate 🗸 🗸 🗸	SUBSCRIPTION/RESOURCE GROUP INFO				
Wiew Dashboard >	* Subscription 🛛		*		
📽 User Management 🔷 >	* Resource Group O	(\checkmark)	•		
	PROJECT DETAILS				
	Specify the name of the project and assessment name.	Done			
	* Project Name 🛛 💡	Data Synced Sucessfully.	•		
	E	ок			

After that you will be redirected to 'View Dashboard' as shown in <u>Figure 104: CloudRecon® -</u> <u>View Azure Migrate Inventory</u>

CloudRecon [®]						UnifyCloud [™]
	=					△ Costom Templete
welcome, demo	View Dashboard CloudRecon - Access and Monitor Pl	hase			Select Re	pion US East
GENERAL	File Name	Uploaded By	Uploaded Date	Uploaded Via	File Processing Status	Action
Lipload Inventory 🗸	AMHInvetory960524012020094404	demo@unifycloud.com	1/24/2020 9:44:04 AM	Azure Migrate	✓ Processed	📾 ALS Report 🕅 View Dashboard 🕍 Data Quality 🌆 Start Migration 🕑 Edit
Azure Migrate 🗸	AMHInvetory960523012020132706	demo@unifycloud.com	1/23/2020 1:27:06 PM	Azure Migrate	✓ Processed	🕰 ASS Report 🙉 View Dashboard 👔 Date Quelly 🔊 Start Migration 🗹 Edit
Stree Discourry Data	MapSample.bak	demo@unifycloud.com	11/21/2019 6/49:52 AM	Portal	✓ Processed	🗥 AlS Report 🖓 View Dashboord 🙀 Data Quality 🔊 Start Migration 🗹 Edit
▲ Migrate Section >						
🔹 View Dashboard >						
🖀 User Management 🔷						
						③ Support

Figure 104: CloudRecon® - View Azure Migrate Inventory

Upload Azure Migrate File: Upload '**Azure Migrate Project Exported file**' in .xlsx format option is available on CloudRecon portal to generate assessment report by CloudRecon without sync data from '**Azure Migrate**.' As show in <u>Figure 105: Upload Azure Migrate .xlsx</u> <u>file</u>

Steps to Upload Azure Migrate file in .xlsx format :

Step 1: Export file from Azure Migrate project.

Step 2: Upload file on CloudRecon portal.

Step 3: View dashboard.

CloudRecon®	E Contact support & Contact support
Welcome, DemoUser	Upload Azure Migrate File (Files in .xlsx format) CoudHeon - Acoust and Nontor Phase
GENERAL	
📥 Upload Inventory 🗸 🗸	Report Report
🖷 Azure Migrate 🛛 🗸	Azure Migrate
Project Section >	Upload File AIS (Assessment Insights Service)
Sync Discovery Data >	·> Vin heport
🔹 Migrate Section 🔷	
± Upload xisx file →	Total CloudRecon License 100 License Consumed 1 License for Team Member 0
View Dashboard >	
📽 User Management >	Drop files here
	* "Upload only Azrue Migrate exported unlas file"
	Note:
	Ly He name should not contains any special character or space.
	Column header or sheet name should not rename in file
	() Support

Figure 105: Upload Azure Migrate .xlsx file





** Before upload, open csv file and click on enable editing, Save, and then upload.




SCENARIO: 4- MOVERE

Movere is a discovery solution that provides the data and insights needed to plan cloud migrations and continuously optimize, monitor, and analyse IT environments with confidence.

Steps to Sync Movere Data

Step 1: On the Upload Inventory tab, click Movere tab.

There are two options to sync Movere data as shown in Figure 106: Movere.

CloudRecon®	=		Custom Template	F DemoUser(Owner) ~
Welcome, DemoUser	Movere CloudRecon - Access and Monitor Phase			
GENERAL				
lpload Inventory 🗸	Sync Movere Data (Movere)			
± MAP →	Total CloudRecon License	100 License Consumed	1 License for Team Member 0	
🔹 Lansweeper 🗸 🗸				
🔹 🚣 Flexera 🗸 🗸	Data Import Details			
Custom Template				
🚯 RV Tool 🔷 🔸	* Customer Id (GUID)	0		
Merge Inventory	• API Key			
🛛 🗱 Azure Migrate 💦 🔶		•		
📩 Movere 🗸 🗸		Sync Data		
Movere Sync ,		OR		
Upload CSV File >	Enter API URL			
Block64 ,				•
📑 Azure Migrate 🗸 🗸		0,		
🕐 View Dashboard 🛛 🔸		Sync Data		
😸 User Management 🕠	Important Information SQL Server and Oracl After sync data comp	e workload data will not be sync in this process.	the Missing info menu.	③ Support
				Copyright @ 2020 UnifyClos

Figure 106: Movere

1. Add Customer ID (GUID) and API key in data Import Details. Respectively as shown in <u>Figure 107: Sync Movere Data by using Customer ID</u> and <u>Figure 108: Sync</u> <u>Movere Data by using API Key.</u>



Figure 107: Sync Movere Data by using Customer ID





CloudRecon®	🕰 Clotten Tampida 🦻 🏂 Contact support
Welcome, DemoUser	Movere outfleton - Access and Monitor Phase
GENERAL	
Upload Inventory ~	Sync Movere Data (Movere)
± MAP ↓ ± Lansweeper ↓	Total CloudRecon License 100 License Consumed 1 License for Team Member 0
 ▲ Flexera ▲ Custom Template 	Data Import Details
RV Tool	*Customer (d (GUD)
Merge Inventory >	*API Key
Azure Migrate >	• • • • • • • • • • • • • • • • • • •
1 Movere	
Movere Sync >	
Upload CSV File >	*EMMAPURE https://www.communecom
Block64 >	De holmant haar De holman haar De holman haar
E Azure Migrate 🗸	0
View Dashboard	Sync Data
👹 User Management 🕠	Important Information SQL Server and Oracle workload data will not be sync in this process. After sync data completed Movere sql cav file upload option will be available under the Missing info menu. Copyright @ 2000 UnityCob. Copyright @ 2000 UnityCob.

Figure 108: Sync Movere Data by using API Key

'OR'

2. Enter API URL in data Import Details. As shown in <u>Figure 109: Sync Movere Data by using</u> <u>API URL</u>

CloudRecon®	=	Contact support
Welcome, DemoUser	Movere CloudRecon - Access and Monitor Phase	
📥 Upload Inventory 🗸 🗸	Sync Movere Data (Movere)	
± MAP ↓		
Azure Migrate 🗸	Exports c	
User Management	C Dia Kango C Dia	e under the Missing info menu.

Figure 109: Sync Movere Data by using API URL

Step 2: Click on sync data. As shown in Figure 110: Sync Movere Dat

loudRecon®		Unify <mark>Clo</mark>
	Ξ	Contact Namedala 🖉 👷 Contact Namedala Central Descriptionary -
Welcome. DemoUser	Movere CloudRecon - Access and Monitor Phase	
GENERAL 🗠 Upload Inventory 🗸 🗸	Sync Movere Data (Movere)	
ع المانين Larisseeper	Data Import Details	
🔹 Flexera 🗸	* Customer Id (OUID)	0
A RV Tool	* API KBy	
C Morge Inventory	Sync Da	
Movere Movere Sync	* Enter APT LIR. Note: 4000002088/00000000000000000000000000000	
Biock84	22700.00.00	0
🗱 Azure Migrate 🗸 🗸	Sync Da	
🔁 View Dashboard	Important Information	
👹 User Management 🦻	SQL Server and Oracle workload data will not be sync in this process. After sync data completed Movere sql csv file upload option will be ava	valiable under the Masing informenu.

Figure 110: Sync Movere Data

Step 3: Once data is synced success message will be displayed. Click on 'OK.'

CloudRecon	E	Contact Access a
DentsUser		
oracital Decad Inventory •	Sync Movele Data (Moviee)	
the construction of t	Determinent Datase Success Success Data export Initiated Process with the 10 minutes to create DR Tetre Artual: OR Constraints OR Constraints OR Constraints Constraints	6)-
Aufer Maragement 2	Experise is domination • Statistics and the set of the set of the set of the process • After specific data corporate Nations of the plant output will be realistic under the Mixing relations.	

Figure 110 A: Data-sync Success

After that, you will be redirected to the view dashboard page. As shown in .

ownload Client Application
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- Rt



() Supp



NOTE – In the process of sync data by using Movere API to CloudRecon, only Machine's basic information and Performance utilization data will be sync. For update SQL Server and Oracle workload information, CloudRecon Portal provides 'Upload Movere SQL CSV' sub tab under 'Missing Info' side menu. As shown in Figure 128: Upload Movere SQL Information.

** First, the user needs to complete sync data process.

** After that download SQL Server and Oracle CSV files from Movere portal and upload these files in .zip format on CloudRecon portal.

** Upload Movere SQL CSV option will be available after sync data process completed.

Upload CSV zip File: In 'Movere' you can upload Movere data via CSV in a zip file as shown in <u>Figure 112: Upload Movere CSV</u> file

File Path	File Name
Summary\Geography\	Geo-Tagging
ARC\WindowsAndLinux\	Disk Utilization
ARC\Landscape\	Device Storage Summary Device Summary
Device\Microsoft\SQL Server\	Database List Availability Groups Device Instance List
User\Deviceconnection\	List
Device\	Device List Services and Processes Software Installs

There is some information about 'Export list of Movere .CSV' files as shown in given table:





Device\Oracle\	Device List Database List
ARC\SQL Server\	DB Read/Write CPU by Database CPU Utilization
User\Ofice365\	User Software List
Device\Microsoft\	Biztalk



Figure 112: Upload Movere CSV file

4.7 BLOCK64

On the Upload Inventory tab, click Block64 tab as shown in <u>Figure 113: Upload Block64</u> <u>Template</u>

Block64 scans your environment and gives the results in .xlsx format. The user can upload the .xlsx report in zip format with the help of CloudRecon tool to view the DCMR reports.





Figure 113: Upload Block64 Template



5. Data Quality Report

5.1 VIEW DASHBOARD

1. Go to View Dashboard on the CloudRecon Portal: <u>https://cloudrecon.cloudatlasinc.com/ViewDashboard.aspx</u>.

2. Click on the 'show' button, as shown in Figure 114: View Dashboard.

	con®	≡					🛓 Client App Tool	🛓 Custom Template 🛔	🕑 User Guide 👻 🔔	User
Welcome,		View Dashboard CloudRecon - Access and Monitor Phase								Global Setting
User User		Total number of Inventories : 1								
General		Show 10 v entries							Search:	
Upload Inventory		File Name	Region	Currency		Reports Status	File Status	Reports	Azure A	ctions
Azure Migrate		Demoinventory null - 2022/11/10	US East V	US Dollar(\$)	~	🖹 Show	✓ Processed	View Dashboard	Aigration :	C Sync Data
Wew Dashboard	•	Showing 1 to 1 of 1 entries							Pret	rious 1 Next
(?) Support			Con	minht @ 2023UnifyCloud	All rights rese	erved 1 UnifyCloud Cl	audAtlas Confidential			

Figure 114: View Dashboard

3 A pop-up window with all the inventory information and their data quality shows on your screen, as shown in <u>Figure 114A</u>.

	=	🛓 Client App Tool 🛓 Custom Template	User Guide 👻 🔔 Sukanya(Team Member) 🗠
	View Dashboard	amoInventory X	Ø Global Setting
Welcome,	CloudRecon - Access and Monitor Phase	S.No. Report Type Status Data	
	Total number of Inventories :	1 📾 LittandShittaas 🖌 Servers (Mindows) 195, Servers (SQL) 47, Servers (Littux) -4, Servers (Biztalk) -2	
	There is a second second	2 🔒 LiftAndShift/ILS 🕜 Microsoft License Statement (SA Quantity)-10	
	Show 10 V Jentnes	3 📦 LiftAndShiftSAP 🧹 SAP Servers (6)	Search:
	File Name	4 💼 /VD 🖌 Client Machines (215) atus Reports	Azure Actions
	# DemoInventory	5 📾 SQL vCore 🖌 SQL Server Databases (1310)	Migration Sync Data
	▲ null - 2022/11/10	6 🔒 SQL MI 🖌 SQLServer Instance (230)	
	Showing 1 to 1 of 1 entries	7 💼 OracleToPostgre 🗙 Oracle Databases (0)	
		8 🔒 TCD 🖌 Server Count (248)	Previous 1 Next
		9 🔒 LiftAndShiftRI 🗸 Server Count (248)	
		10 🗎 LiftAndShiftGrouping 🖌 Server Count (248)	
		M Close	1
			1
			1
			1
			1
			1
			l .
			l .
(?) Support			

Figure 114 A: Inventory Data Status

This pop-up window shows a list of Reports and the status of the data co-relating to the reports. The status marked with a green check represent the data that is present





and can be viewed on the dashboard. Marked with a red cross, you can see the missing reports of the inventory.





6. Update Info

6.1 BULK APPLY - UPDATE ENVIRONMENT

1. In the left panel of CloudRecon dashboard, click 'Bulk Apply - Update Environment 'sub menu under Update Info side menu.

2. You will be directed to the Bulk Apply – Update Environment (Production/DevTest) page. From this page you can bulk upload your environment information in the inventory dashboard. You can follow the below steps.

Step 1: Download a prefilled environment template as shown in <u>Figure 115: Bulk</u> <u>Apply download template</u>



Figure 115: Bulk Apply download template

Step 2: After download template, Upload the modified environment template after entering required details.

Click on Upload Template button as shown in Figure 116: Upload Template

loudRecon [®]	UnifyCloud [™]
CloudRecon®	Currency: US Dollar (5) Currency: US Dollar (5) Last Updated on: 15/2023 53/15 PM Currency: US Dollar (5) Currency: US D
Welcome,	Bulk Apply - Update Environment (Production/DevTest) This page provides Bulk Update Environment (Production/DevTest).
User	2 Download and Upload template to Update Environment
Demoinventory	
Upload inventory	Step 1 Step 2
den View Dashboard	📩 🙆
1 Update Into	Download Template having Machine Upload modified Environment Template
Bulk Exclude	
HBC Recommendation	Download Template Upload Template
i Add/Missing Info	
OnPrem Inventory	
Cloud Migration	
Cloud Migration Premium	
Data Estate	
Onpremise Security	
\$ тсо	Copyright @ 2023 UnifyGloud All rights reserved. UnifyGloud GloudAtlas Confidential.

Figure 116: Upload Template

A Dialog Box will open, select the file, and click Upload as shown in Figure 117: Upload Template

CloudRecon®	E Sources US Dollar (S) @ Region US East, Search anything, Q A A A T S E Demolser(Owner)
Welcome, DemoUser GENERAL	Bulk Apply - Update Environment (Prod This page provides Bulk Update Environment (Prod Choose File) No file chosen
🔹 Upload Inventory 🗸 🗸	🛓 Download and Upload template to Up:
Wiew Dashboard	Close up 2
1 Missing/Update Info 🗸	± 6
C ² Upload Server Info →	
Upload Movere SQLCSV BulkApply(Environment) BulkApply(Exclude)	Download Template Upload Template
OnPrem Inventory	
♦ Cloud Migration ∨	
Data Estate	Copyright © 2021 UnifyCloud All rights reserved.

Figure 117: Upload Template

Note: With this feature customers can now simply upload a template with bulk changes instead of doing the same manually from the report.



6.2 **BULK EXCLUDE ENVIRONMENT**

1. In the left panel of CloudRecon dashboard, under the 'Update Info' tab, click 'Bulk Exclude 'sub menu under Missing Info side menu.

2. You will be directed to the Bulk Apply – Exclude or Include Machines page. From this page you can now bulk exclude or include machines by using this feature to manage your inventory machines that are being sized.

You can follow the below steps as

Step 1: Download a prefilled template with machine details as shown in <u>Figure 118: Bulk Exclude.</u>

🔂 CloudRecon	🛨 Activate Premanian 🔐 Currency : US Lobiar (5). 🔮 Region : US East 🔮 User Guade + 🌲 🙊 🧐 🗮 息 User - 🗸
Welcome,	Bulk Apply - Exclude or Include Machines This page prevides Bulk Update Exclude or Include Machines.
~ ~	1. Download and Upload template to exclude Machines
Demolnventory	
🕹 Upload Inventory 🗸 🗸	Step 1 Step 2
View Dashboard >	± Δ
i Update Info 🗸 🗸	Download Tomolsta having Machine I Unload the condition Tomolsta have
Bulk Environment	details
C Bulk Exclude →	
HIBC Recommendation	Download Template Upload Template
i Add/Missing Info 🗸	
lonPrem Inventory V	
Cloud Migration ~	
Cloud Migration Pornism 🗸 🗸	
💠 Data Estate 🗸 🗸	
Conpremise Security	

Figure 118: Bulk Exclude

Step 2: After download template, Upload the modified environment template after entering required machine details to include or exclude.

Click on Upload Template button as shown in Figure 119: Upload Template

CloudRecon [®]	* Activate Premium	S Currency : US Dollar (5) Last Lydenid ov: 15/2023 53:518 PM
Welcome, User	Bulk Apply - Exclude or Include Machines This page provides Bulk Update Exclude or Include Machines.	
~	Download and Upload template to exclude Machines	
Demolnventory		
🚣 Upload Inventory 🗸 🗸	Step 1	Step 2
Over the second seco		<u>^</u>
i Update Info 🗸 🗸		
Bulk Environment	Download Template having Machine details	Upload the modified Template here
Bulk Exclude		
HBC Recommendation	Download Template	Upload Template
i Add/Missing Info 🗸		
🗅 OnPrem Inventory 🗸 🗸		
💠 Cloud Migration 🗸		
Cloud Migration Premium		
💠 Data Estate 🗸 🗸		
Conpremise Security		

Figure 119: Upload Template



A Dialog Box will open, select the file, and click Upload as shown in Figure 120: Upload template.



Figure 120: Upload template

Note: This feature will enable the customers to exclude or include the machines by directly editing the file with bulk details instead of doing the same manually from the report.

6.3 **HBC Recommendation**

1. In the left panel of CloudRecon dashboard, under the 'Update Info' tab, click on the 'HBC Recommendation 'sub menu under Update Info side menu.

2. You will be directed to HBC Recommendation page. This page provides features to update CloudPilot Recommendations. You can follow the below steps as:

Step 1: Download a prefilled template with machine details as shown in <u>Figure 120: Upload</u> template.

CloudRecon®				UnifyCloud [™]
CloudRecon [®]	≡	* Activate Premium	Currency : US Dollar (\$) Region : US East User Guide -	🜲 🙊 😰 🗏 👘 User 🗸 🖓
Welcome,	Update CP Recommenda This page provides feature to update Cloud	ation. Plot Recommendation		
User	1 Download			
▲ Upload Inventory ~		Step 1	Step 2	
Kiew Dashboard		*	•	
1 Update Info 🗸 🗸		Download Template having Machine	Upload modified Workload Template	
C Bulk Environment →		details		
HBC Recommendation		Download Template	Upload Template	
i Addititissing Info 🗸				
ConPrem Inventory 🗸				
💠 Cloud Migration 🗸 🗸				
Cloud Migration Premium V				
Ongremise Security				

Figure 120: Upload template

Step 2: After downloading the template, Upload the CP Recommendation template after entering required machine details, as shown in <u>Figure 120: Upload template.</u>

CloudRecon®	=	★ Activate Premium Si Currency : US Dollar (\$) Last Updated on: 1/5/26/23 5/39 18 PM	🔮 Region : US East 🖉 User Guide 🗸 🌲 😒	😰 🗐 👔 User 🗸 🗸
Welcome, User	Update CP Recommendation. This page provides feature to update CloudPilot Recommendation			
Demolnventory	2 Download			
🍰 Upload Inventory 🗸 🗸	Step	o 1 Ste	2 02	
🚳 View Dashboard 💦 👌				
i Update Info 🛩			.	
Bulk Environment	Download Template detai	e having Machine Upload modified ' iils	Workload Template	
Bulk Exclude				
HBC Recommendation	Download T	Template Upload	Template	
i Add/Missing Info 🗸				
OnPrem Inventory +				
Cloud Migration V				
Cloud Migration Premium V				
🗘 Data Estate 🗸 🗸				
Onpremise Security				

Figure 120: Upload template



7. Add/Missing Info

7.1.1 Additional Server

1. In the left panel of CloudRecon dashboard, click "Upload Server Info" submenu under "Add/Missing Info" side menu.

2. User will be redirected to the Add/Missing Server Info page. On this page, you have the option to upload additional servers which are not available in your uploaded inventory file, as shown in Figure 122: Upload Additional Server Information

Note:

1. Make sure, all mandatory columns which are marked by Star (*) in Excel file should not be blank.

2. In template some columns require value in number format, do not put any special characters or white space.

3. "Missing Info feature" link will be disable for those reports which are delivered and closed By UnifyCloud's Support team.

4. Before upload, Make sure servers should not be exist in the inventory. If servers already exist in that case template will not be process.

CloudRecon®	Add missing Server workloads info This page provides feature to add Server workloads info	
Welcome, User	Download and fill template with machine information	Overview
Demolnventory	1 Step 1	+
🛓 Upload Inventory 🗸 🗸	Download Custom Template and Provide details of additional machines for assessment.	
View Dashboard >	2) Step 2	+
i Update Info 🗸 🗸	Upload Custom Template.	
i Add/Missing Info 🗸	3 Step 3	+
Additional Server	Resize LiftShift Data.	
AMH SQL XIs	4 Step 4	+
MHH Web XIs	Recalculate Other Service.	
🔹 🔊 AMH Netstat Xis 🔷	5 Step 5	+
● 🚯 AMH All Files →	Table Grouping/Phase Wise Grouping.	
More Movere CSV	6 Step 6	+
SQL Workload >	Reprocess workload prioritization.	
Wysql Workload	Consider 8 2023 Link-Pourt All right-reasoned. J. Link-Pourt PourtMate: Confidential	





7.1.2 AMH SQL XIs

1. In the left panel of CloudRecon dashboard, click 'AMH SQL XIs' submenu under Add/Missing Info side menu.

2. User will be directed to the Update Azure Migrate Workloads SQL Data Info page. From this page, you have an option to upload Azure Migrate Workloads SQL Data details. As shown in Figure 123: Upload AMH SQL Information

Note:

1. Make sure, before uploading Azure Migrate Workloads SQL data info, the machine should be available in the uploaded inventory.

2. If machine is not available in the inventory, Firstly you must add those machines to the inventory through 'Additional Server' tab.



Figure 123: Upload AMH SQL Information



7.1.3 AMH Software XIs

1. In the left panel of CloudRecon dashboard, click 'AMH Software XIs' submenu under Add/Missing Info side menu.

2. There is an option to upload other workload details from Azure Migrate. User will be directed to Azure Migrate Server Workloads Info page. From this page, the user can upload Azure Migrate Server Workload details. As shown in Figure 123: Upload AMH SQL Information. After uploading these workload details, existing assessment reports are optimized with the updated information.

3. Click on the 'Upload .xlsx file' button to navigate and upload your Workloads Info file.

	° 📃		* Activate Premium	Currency : US Dollar (\$) Last Updated on: 1/5/2023 5.39.18 PM	Region : US East	🖉 User Guide 👻	🌲 🔍 😢 🗏	± ±	User	×
Welcome,	Update This page provid	Azure Migrate workloads info des Azure Migrate server workloads info								
Oser	1 Upload	"Export Software Inventory" excel file.								
Demoinventory										
📤 Upload Inventory										
View Dashboard			•							
i Update Info	~		Upload .xls	sx file						
i Add/Missing Info	*		_	_						
Additional Server			Upload .xl	lsx file						
AMH SQL XIs										
AMH Software XIs		Important Information								l -
🔊 AMH Web XIs		Open Azure portal, then go to Azure N Go to Windows Linux and SOL Server	Aigrate							
AMH Netstat XIs		Click on Discovered Servers Count und	er Assessment Tools .							
AMH All Files	,	Select your Appliance Name and then	click on Export Softwa	re Inventory .						
More Movere CSV		 *Firstly ensure your file is not on reade 	only mode, if your file i	is in Readonly mode first re	emove it and save i	t again and then	upload .			
SQL Workload	*									
🔹 🛴 Mysql Workload	•		Company & 2022 Unit Class		Claud Miles Carefolautia					
And a second			copyright @ 2023 UnityCloud	a All rights reserved. UnityGlobo	a Gioudiatias Contidentia	1.				

Figure 124: Upload AMH Software XIs

7.1.4 AMH Web XIs

1. In the left panel of CloudRecon dashboard, click 'AMH Web XIs' submenu under Add/Missing Info side menu.



2. User will be directed to the Azure Migrate Server Workloads Application Data Info page. From this page you can upload Azure Migrate Server Workloads Application Data details. As shown in <u>Figure 123: Upload AMH SQL Information</u>. After uploading these workload details, existing assessment reports are optimized with the updated information.

3. Click on the 'Upload .xlsx file' button to navigate and upload your AMH Application Info file.

•	Link Operation on	nuclear you for m
CloudRecon	Update Azure Migrate Workloads Application Data Info	
Welcome,	This page provides Azure migrate Server workloads Application Data into	
User	Upload AMH Workloads Application Data Excel File.	<< Back to Overview
Demolnventory		Data Quality
1 Upload Inventory		Report
View Dashboard	Azure Migrate	
i Update Info 🗸		Upload File AlS (Assessment Report
1 Add/Missing Info 🗸		
Additional Server		
AMH SQL XIs >		Important points to remember before uploading:
AMH Software XIs >	6	Pristly ensure that your file is not in Readonly mode, if your file is in Readonly mode then open it and save it again and then upload.
🔊 AMH Web Xis 🛛 🕠	Linloyd yley file	C Upload only exported uss file.
AMH Netstat Xis >	opidad "Nisk file	C ² File name should not contains any special character or space.
AMH All Files		CP Sheetnames in excel or Column names in sheets should not renamed.
More Movere CSV >	Upload .xlsx file	
SQL Workload		
• 💦 Mysql Workload •		
(FD) Destroy COL Mit Advert	Copyright © 2023 UnifyCloud All rights res	erved. UnityCloud CloudAtlas Contidential.

Figure 125: Upload Web Xls

7.1.5 AMH Netstat XIs

1. In the left panel of CloudRecon dashboard, click 'AMH Netstat XIs' submenu under Add/Missing Info side menu.

2. User will be directed to the Update Azure Migrate Netstat data page. From this page you can upload Azure Migrate Netstat data, as shown in <u>Figure 123: Upload AMH SQL</u> <u>Information.</u> After uploading these workload details, existing Netstat reports are optimized with the updated information.

3. Click on the 'Upload Template' button to navigate and upload your Netstat Data Template.



Figure 126: Upload AMH Netstat Data Information

7.1.6 AMH All Files

1. In the left panel of CloudRecon dashboard, click 'AMH All Files' submenu under Add/Missing Info side menu.

2. User will be directed to the upload all information page for Azure Migrate. From this page you can upload all missing information such as – SQL Data, Workload Data, App Data and Netstat Data, as shown in Figure 123: Upload AMH SQL Information for Azure Migrate. After uploading these workload details, existing reports mentioned above are optimized with the updated information.

3. Click on the respective Upload button to navigate and upload your data, accordingly, as shown in the figure below.



Figure 127: Upload All Missing Information for Azure Migrate

7.1.7 More Movere SQL CSV Files

1. In the left panel of CloudRecon dashboard, click 'More Movere CSV Files' sub menu under Missing Info side menu.

2. The user will be directed to the Upload Movere CSV Files page. From this page you can upload SQL workload details of Movere. As shown in <u>Figure 128: Upload Movere SQL</u> <u>Information.</u> After uploading these workload details, existing assessment reports are optimized with the updated information.

There is some information about 'Export list of Movere .CSV' files as shown in given table:

File Path	File Name
ARC\SQL Server\	DB Read/Write
	CPU by Database
	CPU Utilization
Device\	Services and Processes



UnifyCloud[™]

Device\Microsoft\SQL Server\	Database List
	Device-Instance List
Device\Oracle	Device List
	Database List



Figure 128: Upload Movere SQL Information

Note: Ensure All columns need to be selected from Movere portal and then download csv file**

1. Click on Edit Report

At the bottom there is icon



, click on it and then select All Columns.

2. If all columns are not available in CSV file, in that case CSV file will not be process.

7.1.8 SQL Workload

1. In the left panel of CloudRecon dashboard, click 'SQL Workload' submenu under Add/Missing Info side menu.



2. User will be directed to the upload SQL Databases Workloads information page. On the top-right corner of this page, you have the option to Download the CloudRecon Client Application. The other option is that the user can run the SQL script to retrieve data and process it into the template, as shown in <u>Figure 129: Add Additional SQL Databases</u> <u>Workloads Information</u>.

Step 1: Click on the 'Download Script' button to download the SQL Script, as shown in the figure below.

CloudRecon®	Add additional sql databases workloads info This page provides feature to add sql databases info	Download Client App Tool
Welcome, User	Download and fill template with SQL Databases information	Seck to Overview
Demolnventory	Step 1 Click here to download the SQL script	
📤 Upload Inventory 🗸 🗸		
View Dashboard >	Download Script	
1 Update Info 🗸 🗸		
1 Add/Missing Info 🗸	2) Step 2	
Additional Server	Click here to run the SQL script.	
🔹 🚯 AMH SQL XIs 💦 🔸	3 Step 3	
AMH Software XIs >	Click here to download the template	
🔹 🚯 AMH Web XIs 🛛 🔸		
 AMH Netstat XIs 	4 Step 4	
AMH All Files >	Crick to follow the steps to fin the template	
More Movere CSV >	5 Step 5	
SQL Workload >	Click here to upload the template	
n	Copyright © 2023 UnifyCloud All rights reserved. UnifyCloud Cloud Atlas Confidential.	,

Figure 129: Add Additional SQL Databases Workloads Information – Download SQL Script

Step 2: Follow the instructions in Figure 130: Run SQL Script. Run the script output.



Figure 130: Run SQL Script

Step 3: Download the Template by clicking on the 'Download Template' button, as shown in the <u>Figure 131: Download SQL Database Workloads Template</u>.

CloudRecon®	Seadd additional sql databases workloads info This page provides feature to add sql databases info	Download Client App Tool
Welcome, User	Download and fill template with SQL Databases information	<< Back to Overview
Demoinventory Lipload inventory	1 Step 1 Click here to download the SQL script	
View Dashboard	2 Step 2 Click here to run the SQL script.	
Add/Missing Info	3 Step 3 Click here to download the template	
Additional Server	Download Template	
AMH Software XIs >	Step 4 Click to follow the steps to fill the template	
AMH All Files AMH All Files	S Step 5 Click here to upload the template	
SQL Workload >	Copyright © 2023 UnlyCloud All rights reserved. UnlyCloud CloudAtlas Confidential.	

Figure 131: Download SQL Database Workloads Template





Step 4: Follow the instructions in <u>Figure 132: Fill the Template</u>. After the script has run, fill the script output data onto the downloaded template.

	2 Step 2 Click here to run the SQL script.	^
Welcome, User	3 Step 3 Click here to download the template	
Demolnventory		
🕹 Upload Inventory 🗸 🗸	4 Step 4	
View Dashboard	Click to follow the steps to fill the template	
i Update Info 🗸	Right Click on output result on Columns area and Click "Copy", Which you got from Step-2.	
i Add/Missing Info 🗸	 Paste Copied data in the downloaded template and Save. If more than 1 version / 1 instance of SQL Server running on same machines then Right click on Query window and under the "Connection" >> Click "Change 	
Additional Server >	Connection" Select other instance name of SQL Server	
AMH SQL XIs >	Click "Execute" menu Save Query Result in the downloaded template	
AMH Software XIs >	- sure quely result in the dominouded template.	
🛛 🚓 AMH Web Xis 🛛 🔿	Sten 5	
AMH Netstat XIs >	Click here to upload the template	
🔹 🚓 AMH All Files 🔷 🔸		
More Movere CSV >	6 Step 6	
SQL Workload >	Reprocess workload prioritization	
n	Copyright @ 2023 UnityCloud All rights reserved. UnityCloud CloudAtlas Confidential.	*

Figure 132: Fill the Template

Step 5: After filling the script output details, you can now upload the SQL Workload information file. Click on the 'Upload Template' button, as shown in <u>Figure 133: Upload</u> <u>Template</u>.

*	Click here to download the SQL surpt		*
CloudRecor			
	2 Step 2		
Welcome,	Click here to run the SQL script.		
User	Chan 2		
Demoinventory	Gick here to download the template		
1 Upload Inventory			
Rew Dashboard	4 Step 4		
	Click to follow the steps to fill the temp	plate	
1 Update Info			
i Add/Missing Info	5 Step 5		
Additional Server	Click here to upload the template		
MIN SUL AS	L Upload Template Start Proc	cess	
AMH Software XIs			
AMH Web Xis			
 AMH Netstat XIs 	6 Step 6		
AMH All Files	Reprocess workload prioritization		
More Movere CSV			
SQL Workload			
No. and A.		Copyright © 2023 UnifyCloud All rights reserved. UnifyCloud CloudAtlas Confidential.	*

Figure 133: Upload Template



UnifyCloud[™]

Step 6: A pop-up window with a choose-file option appears. Choose your template file and click on the 'Upload' button shown in <u>Figure 134: Choose and Upload the template file.</u>

CloudRecon [®]	2 Step 2
Wescame,	Click here to run the SQL script.
Bemoloventory	3 Step 3
🔔 Upload Inventory 🔷 👻	
View Dashboard	Step 4 Cick to follow the steps to fill the template
🗂 Update Info 💛	
1 Add/Missing Info 😪	S Step 5 Clob here to upload the template
Additional Server	
2 AMH SQL XIS	
AMH Software Xis	2. tipled Verplate Start Rever
AMH Web XIs	
AMH Netstat XIs	6 Step 6
ags AMH All Files	
More Movere CSV ?	
SQL Workload	
- N in this is	Copyright ID 2023 UnityCloud All rights reserved. UnityCloud CloudAtion Conditionial

Figure 134: Choose and Upload the template file

Step 7: Click on the 'Start Process' button, to reprocess workload prioritization, as shown in <u>Figure 135: Reprocess Workload Prioritization.</u>

CloudRecon [®]	Download and fill template with SQL Databases information	o Overview
Welcome, User	Step 1 Click here to download the SQL script	
Demoinventory	2 Step 2	
🚣 Upload Inventory 🗸 👻	Click here to run the SQL script.	
🖚 View Dashboard >	3 Step 3	
i Update Info 🗸	Click here to download the template	
i Add/Missing Info 🛩	(4) Step 4	
Additional Server	Click to follow the steps to fill the template	
🖉 🔊 AMH SQL XIS 🛛 🕥	5 Step 5	
♦ AMH Software XIs →	Click here to upload the template	
AMH Web XIs	6 Step 6	
🔹 🚯 AMH All Files >	Reprocess workload prioritization	
More Movere CSV >	Start Process	
🗉 🛢 SQL Workload 🔹 🦻		
Mysql Workload *		
Generation PostgreSQL Workload	Copyright © 2023 UnityCloud All rights reserved. UnityCloud CloudAtlas Confidential	

Figure 135: Reprocess Workload Prioritization



7.1.9 MySQL Workload

1. In the left panel of CloudRecon dashboard, click 'MySQL Workload' submenu under Add/Missing Info side menu.

2. User will be directed to the upload MySQL Databases Workloads information page. From this page you upload MySQL Workload information, as shown in <u>Figure 136: Add MySQL</u> <u>Workload Information</u>.

CloudRecon®	Upload MySql Information
Wetcome. Uber Demolnventory ▲ Upland Inventory ▲ Upland Inventory ▲ Upland Inventory ▲ Upland Inventory ▲ AddMacorg Info ▲ AddMacorg Info ▲ AddMacorg Info ▲ AddMacorg Info	Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data Image: Collect SQL Data
AMH Software XIs	▲ Upload Template
AMH All Files 5	Steps: ©Download Client Application Software from CloudRecon Portal
SQL Workload 3	Crucick on Collect SQL Data Crucick on MySQL Data and Enter Credentials and Server Name then click on Start Scan button and you will get a CSV file Crucick on <u>Upload Template</u> to upload your file Crucick of <u>Upload Template</u> to upload your file Crucick of <u>Upload Template</u> to upload your file Crucick of <u>Upload Template</u> to upload your file

Figure 136: Add MySQL Workload Information

3. Click on the respective Upload button to browse for and upload your data, as shown in <u>Figure 137: Upload MySQL Template.</u>







Figure 137: Upload MySQL Template

3. Your MySQL Details template has been uploaded to the CloudRecon portal.

7.1.10 PostgreSQL Workload

1. In the left panel of CloudRecon dashboard, click on the 'PostgreSQL Workload' submenu under Add/Missing Info side menu.

2. The user will be directed to the upload PostgreSQL Databases Workloads information page. From this page you upload PostgreSQL Workload information.

3. Click on the 'Upload Template' button, as shown in <u>Figure 138: Add PostgreSQL Workload</u> <u>Information</u>.



Figure 138: Add PostgreSQL Workload Information

4. A pop-up window appears, with a 'choose file' button. Browse for your Template File and click on upload as shown in the figure below.







Figure 139: Upload Template File

7.1.11 SAP Workload

1. In the left panel of CloudRecon dashboard, click on the 'SAP Workload' submenu under Add/Missing Info side menu.

2. The user will be directed to the upload SAP Workloads information page. From this page, the user can upload SAP Workload information.

3. Download the template having SAP machines details prefilled. Click on the 'Download Template' button, as shown in Figure 140: Add SAP Workload Information.



Figure 140: Add SAP Workload Information



5. The Template contains Computer Name along with Current Operating System, SAP Type and SAP Count. Change the SAP Type and SAP Count.

6. Save the template and upload it, as shown in Figure 141: Upload SAP Workload xlsx file.

1	Update Info	¥	A Update SAP Machines In	(n)		
i.			This page provides SAP Info	Upload Template	×.	
			2 Download and Upload temple			
				Choose File UpdateSAPType(DemoInventory).xlsx	De Upload	
					12	
					Close	
					CAD Andrea	
			Oimportant Information			
			Download the template	naving SAP machines details prefilled, from Ste	1	

Figure 141: Upload SAP Workload xlsx file

7.1.12 Web/App Workload

1. In the left panel of CloudRecon dashboard, click on the 'Web/App Workload' submenu under Add/Missing Info side menu.

2. You will be directed to the upload Web/App Workloads information page. From this page you upload Web/App Workloads information.

3. Click on the 'Upload Template' button, as shown in <u>Figure 142: Add Web/App Workload</u> Information.



Figure 142: Add Web/App Workload Information



4. A pop-up window appears, with a 'choose file' button. Browse for your Template File and click on upload as shown in the figure below.

Ole - contraction - contractio	E Underd Termitate Web Ann Datails
- 🚓 All Chattaire Xis	Upload WebApp Details
- 🚓 AATH Hestal (Xis	
 Mare Movine CSV SGL Workhard 	
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INF SAP Wattand	Open Client Application Getalls hosted on IIS Enter Server Name
Web/App Workland	
CoPrend Inventory ✓	🏦 Upload Template
Ored Migration *	Steps:
 Cloud Migration Pressure Data Estate 	Crownhaid Client Application Software from Cloud Ricon Portal Copyright 6 2023 (http://doi.org/14.ing/init/all-ingle-insigned1_thetyCould Claud Rice Confidencial

Figure 143: Upload Web/App Template

7.1.13 Other Workload

1. In the left panel of CloudRecon dashboard, click on the 'Other Workload' submenu under Add/Missing Info side menu.

2. The user will be directed to the upload Other Workloads information page. From this page you can upload Other Workload information.

3. Download the template having server workloads details prefilled. Click on the 'Download Template' button, as shown in Figure 144: Add Other Workload Information. Template contains Computer Name along with Current Operating System, VMType and Workload.



Figure 144: Add Other Workload Information – Download Template

4. By default the Workload is prefilled as Web Server. You can either change it to a Backup Server or a File Server using the dropdown menu. You can also mark the workloads on basis of Role based filters.

5. Once you have changed the Workload, save the template, and upload it, as shown in the figure below. Your template will be uploaded successfully to the CloudRecon portal.

Update Server workloads info
This page provides Server workbaads into
Download and Upload template to Upp
Choose File No file chosen p 2
Cose
Dow Vorkload Template
Download Template
Oimportant Information
Download the template having server workload details prefilled, from Step 1 Template contains Computer Name Along with Current Operation System. Matting and Workload
By default the Workload is prefilled as Web Server, you can change it to either Backup Server or File Server using the dropdown.
Also you can mark the workloads on basis of Role based Filters: Once you have changed the Workload, save the template and upload it in Step 2 and check the Lift and shift report.

Figure 145: Browse for Template File and Upload

7.1.14 Netstat Data

1. In the left panel of CloudRecon dashboard, click on the 'Netstat Data submenu under Add/Missing Info side menu.

2. The user will be directed to the Update Netstat Data information page. From this page you can update Netstat data.

3. Download the template having Netstate requirements, as shown in <u>Figure 146</u>: <u>Update Netstat Data – Download Template</u>. Template contains demo information, clear



the demo information after downloading the file.

Add/Missing Info	×	Update Netstat Info			
Additional S	Server >	This page provides Update Netstat Dat	8.		
🚯 AMH SQL)	Qs →	1 Download and Upload ter	nplate for netstat data		
 AMH Software 	are XIs 🔹 🕉				
🔹 🐽 AMH Web)	Kis >		Step 1	Step 2	
 AMH Netsta 	atXls →		+	•	
 AMH All File 	05. →				
More Move	re CSV >		Download template for netstat data	Upload netstat data	
🔹 🍔 SQL Workl	oad >				
 Mysql Work 	doad >		Download Template	Upload Template	
PostgreSQL	Workload >				
SAP Workle	oad >	O Important Information			
🖉 🧐 Web/App W	forkload >	G important information			
Other Work	doad >	 Download the template h Delete prefilled demo inf 	aving Netstate requirement Step 1 ormation		
P. Netstat Dat	a 🔸	 Add Netstat information Save the template and u 	n template bload it in Step 2		

Figure 146: Update Netstat Data – Download Template

- 4. Add Netstat information in the template after clearing the demo data. Save the file.
- 5. Upload the file, as shown in in Figure 147: Update Netstat Data Download Template.

i	Add/Missing Info	*	■ Update Netstat Info
	Additional Server		This page provides Update Netstat Data.
	🔊 AMH SQL XIS		▲ Download and Upload template for netstat data
	🔊 AMH Software XIs		
	🔊 AMH Web XIs		Step 1 Step 2
	🔊 AMH Netstat XIs		* •
	AMH All Files		
	More Movere CSV		Download template for netstat data Upload netstat data
	SQL Workload		
	K Mysql Workload		Download Template
	PostgreSQL Workload		
	SAP Workload		0 Important Information
	S Web/App Workload		
	Cther Workload		Download the template having Netstate requirement Step 1 Delete prefitied demo information
	O Netstat Data		Add Netstat information in template Save the template and upload it in Step 2

Figure 147: Upload Template

CloudRecon®		Unify <mark>Cloud</mark> ™
± AddMissing Info. ∽	Advelle Herson Last Updreform 152223 09145 PM	
Additional Server	Update Netstat Info	
AMH SQL X3	2. Download and Upload templa	
AMH Software XIs	Choose File UpdateNetstatTemplate xtsx	
AMH Web XIs.		
AMH Netstat XIs.		
AMH All Filos →	Close	
More Movere CSV	Download template for netstat data 💿 Upload netstat data	
SQL Workload		
= T Mysql Workload >		
$\mathbb{G}^{\mathbb{Z}}$ PostgreSQL Workload \rightarrow	Download Template Upload Template	
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Web/App Workload >	Important Information	
Carl Other Workload >	Download the template having Netslate requirement Step 1	
0 CC Netstat Data	Delete prefiled demo information Add NetSoft information information	
OnPrem Inventory	Save the template and upload it in Step 2	
 Cloud Migration 		

Figure 148: Browse for Netstat Template File and Upload





7.2 **ONPREM INVENTORY**

7.2.1 Overview

On the CloudRecon **Overview** Page, a detailed analysed inventory summary result will appear.

1. In the left panel of CloudRecon dashboard, click **Overview** under Cloud Inventory tab.

You will be directed to the overview report page. All scanned inventory result information will summarize in a form that have Application details, Machine details, etc. as shown in <u>Figure 149</u>: <u>Overview</u>To view the detail result, click on the particular titles so that detail information will show in a tabular format.



Figure 149: Overview

7.2.2 All Devices

Devices report provides information related to windows, Linux Machine, and Oracle product details.

1. In the left panel of CloudRecon dashboard, click **All Devices** under Cloud Inventory tab.

You will be redirected to the report for Windows, Linux machine, and other parameters as shown Figure 150: All Devices Report



CloudRecon®	=	gjî Cur	rrency US Dollar (\$) 👷 Region US East Search anything. 🔍 🚇 😫	🖌 🗣 🏲 🛃 🗮 🔔 DemoUser(Owner) ~		
Welcome, DemoUser	Devices Devices report provides information related to windows, Linux Machine and ora	Devices Devices report provides information related to windows, Linux Machine and oracle product details.				
GENERAL LUpload Inventory	Total Windows VM: 0 195	Ready Windows Azure VM: 195	Ready SQL Azure VM: 57	Bevice Aging		
1 Missing/Update Info	Ready Biztalk VM : 0	Total Linux VM: O	Ready Linux Azure VM: 0	Host Machines Suest Machines		
OnPrem Inventory Verview	# Machine Details			S Oracle Products S Linux Machines		
All Devices	Machines by Windows Server (Physical or Virtual)	1 Machines by W	Vindows Client OS (Physical or Virtual)	Linux Installed Products Server Machines Geo Location		
Web Apps	100 91 90 - 80 - 70 69	70 - 60 - 50 -	65 63			
Cloud Migration Data Estate	70 69 50 41 60 57 40 41 50 50 50 57 50 50 50 50 50 50 50 50 50 50 50 50 50					
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		Copyright © 2021 UnifyClour	d All rights reserved.	③ Support		

Figure 150: All Devices Report

7.2.3 SQL Server Report

This report provides all the relevant information about SQL Server Instances and SQL server database details.

In the left panel of CloudRecon dashboard, click SQL Server Report under Cloud Inventory

tab. You will be directed to the SQL Server Report page as shown in Figure 151: SQL Server Report



Figure 151: SQL Server Report



7.2.4 Web Apps

Those applications which are deployed as web application under IIS server in the environment. Custom web application might be deployed under IIS Server by the user as its own web application or deployed by any third-party application as a component.

 In the left panel of CloudRecon dashboard, click Web Apps under Cloud Migration tab.

You will be redirected to the report on Web Application and Visual Studio product details for OS Platform and other parameters as shown in Figure 152: Web Apps Report



Figure 152: Web Apps Report

7.2.5 Network Report

Detailed description about the network machines/devices along with the different server roles like DNS, DHCP etc. are found in the environment.

1. In the left panel of CloudRecon dashboard, click **Network Report** under Cloud Inventory tab.

You will be directed to the report for DNS, DHCP servers, and other parameters appear as shown in <u>Figure 153: Network Report</u>





CloudRecon [®]	=	🔊 Currency US Dollar (S) 🖉 Region US East Search anything. 🔍 🖉 🌉 <table-cell> 🎇</table-cell>	🕑 ≡ 🔔 DemoUser(Owner) ~		
Welcome, DemoUser	Network Report Network report provides information about the different server roles like DND and DHCP.	× III	≡ Quick Nav		
GENERAL			> DNS & DHCP Server		
▲ Upload Inventory ~	UNS & DHCP Server	•	> Network Details		
View Dashboard	DNS Servers by OS 🚯 😕	DHCP Servers by OS 🚯 🛓			
i Missing/Update Info 🗸					
OnPrem Inventory ✓					
• Overview >					
All Devices >		3			
SQL Server Report					
🛛 💼 Web Apps 💦 🔷 🔶					
Network Report					
Duplicate Servers					
Cloud Migration v					
💠 Data Estate 🗸 🗸	Windows Server 2008 R2 Windows Server 2008 Windows Server 2003 Windows Server 2003	Windows Server 2008 R2 Windows Server 2008 Windows Server 2012			
A Onpremise Security ~					
\$ TC0	II Network Details	*			
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📽 Others 🗸 🗸					
	Computer Name : IP Address :	MAC Address 🚦 Server Role 🚦			
	Copyright @ 2021 UnifyCloud All rights reserved.				

Figure 153: Network Report

7.2.6 AWR Report

You can now generate AWR reports to diagnose performance issues through the assessment reports.

AWR collects, processes, and maintains the workflow. The report gets generated in HTML format, and customers must upload the file through the upload inventory in Zip format. Customized templates are now available to add the required information, and customers can upload the reports to the AWR portal. The AWR dashboard holds the information about the updated changes. Steps one to four drive the customer through the complete process. Figure 154: AWR file uploading steps

Dow	nload and fill template with machine information	
(1)	Step 1	
)	Upload AWR Report	
	Lupload AWR report (.zip)	
2) Step 2	
0	Download processed template and update missing info	
3	Step 3	
)	Upload Updated Custom Template	


Figure 154: AWR Report

7.3 CLOUD MIGRATION

7.3.1 Lift & Shift (laaS) Report

Lift & Shift report provides, cost estimation and detailed information about onpremises infrastructure migration to Azure as it is.

- 1. In the left panel of CloudRecon dashboard, click **Lift & Shift (laaS)** under Cloud Migration tab.
- 2. Lift & Shift Reports now comes with Azure Hybrid Benefits calculation for SQL Servers.

You will be redirected to the Lift & Shift summary tab as shown Figure 155: Lift and Shift

NOTE: To view the report for other location, select the option in the dropdown list.



Figure 155: Lift and Shift



7.3.2 Lift & Shift (MLS)

Lift & Shift Report with MLS (Microsoft Licence Entitlement) provides the as-it-is infrastructure migration to Azure including MLS implementation.

You can now apply MLS licensing manually with this new feature if MLS file is not available.

1. In the left panel of CloudRecon dashboard, click **Lift & Shift Report (MLS)** under Cloud Migration tab.

You will be redirected to the Lift and Shift Azure cost & device summary tab as shown in Figure 156: Lift & Shift with MLS



Figure 156: Lift & Shift with MLS

 Users can now use MLS feature even if they do not have an MLS file available. Simply enter the license details and save the information as shown in <u>Figure</u> <u>157: Licensing Information</u>

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	Total SQL Server Standard Core Lice	nses :	10	Version :	2016	Expiring SA :	Twelve_24_Months	v		
	Total Windows Server Datacenter Co	re Licenses :	10	Version :	2016	Expiring SA :	Twelve_24_Months	V ibrait		
	Total Core Infrastructure Server Suit	e Datacenter - 2 Proc Licenses	s: 10	Version :	2016	Expiring SA :	Twelve_24_Months	~		
	Total Core Infrastructure Server Suite	e Datacenter Licenses :	10	Version :	2016	Expiring SA :	Twelve_24_Months	✓ Percenti	le 🔵 As Is	Configuration
	Total Core Infrastructure Server Suit	e Datacenter Core Licenses :	10	Version :	2016	Expiring SA :	Twelve_24_Months	 Image: A second s		
	Total Windows Server Standard Core	Licenses:	10	Version :	2016	Expiring SA :	Twelve_24_Months	Benef	it	
	Total Core Infrastructure Server Suit	e Standard - 2 Proc Licenses:	10	Version :	2016	Expiring SA :	Twelve_24_Months	▶	ev/Test	
	Total Core Infrastructure Server Suit	e Standard Licenses:	10	Version :	2016	Expiring SA :	Twelve_24_Months	✓ + AHUI		
	Total Core Infrastructure Server Suit	a Standard Core Licenses:	10	Version :	2016	Expiring SA :	Twelve_24_Months	✓ ¹⁰ / ₁		
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	## Biztalk Machines				Compute Cost			ompute Cost		56,403.90
	Compute Cost (Prod)		iout SA)							⑦ Suppor

Figure 157: Licensing Information

7.3.3 Lift & Shift (RI)

(

Lift & Shift report provides as-it-is infrastructure migration to Azure including Reserved Instance.

1. In the left panel of CloudRecon dashboard, click **Lift & Shift (RI)** under Cloud Migration tab.

You will be redirected to the Lift & Shift Report – Reserved Instance Analysis as shown in Figure 158: Lift & Shift with RI



Figure 158: Lift & Shift with RI





7.3.4 Lift & Shift Grouping

This report provides grouping of those machine which are ready to migrate on Azure. Grouping is done based on machine utilization or App dependency as shown in Figure 159: Lift & Shift with Grouping



Figure 159: Lift & Shift with Grouping

7.3.5 Lift & Shift spot VM

In Azure Spot Virtual Machines analysis or Spot VMs, you would be able outline cost of unused Azure compute capacity in your business case which is up to 90 percent less compared to pay-as-you-go prices.

These Spot VMs are perfect choice for workloads that can be interrupted, providing scalability at a discounted price.

1. In the left panel of CloudRecon dashboard, click **Lift & Shift spot VM** under Cloud Migration tab.

You will be redirected to the Lift & Shift spot VM Analysis as shown in Figure 160: Lift & Shift spot VM



ł	CloudRecor	n®	Lift & Sh	ift Spot VM Analysis n report provides as it is infrastructure mig	ration to azure.						
(Welcome,		Recommen	ided Spot VMs	Spot VMs						
	User		Recomme	ended server list for Spot VM	D E	xport Excel					
	Demoinventory										
1	Upload Inventory	~	Assur	nptions considered :	Total servers considered for	or Spot VM - 120		Limitations :			
đ	View Dashboard	•	• For 5%	r Dev/Test - VMs having utilization and no workloads running .	Iess than • Total servers not considered	ed for Spot VM -	134	 Spot VM doesn't supp Spot VM doesn't supp 	ort B-series ort Promo version	s of any size (like Dv2	
i	Missing/Update Info	~	• For run	r Production - VMs having no work ming.	kloads			 Spot VMs can't currer 	es) htly use ephemeral	OS disks	
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¢	Cloud Migration	~	Show 10	✓ entries					Search:		
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				pom-6v3s-05.MAP2012.COM	Microsoft(R) Windows(R) Server 2003 Standard x84 Edition	E16-4S V5	MultipleDrive	8.3183	0.00[0.08%]	0.36(71.62%)	
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	Lift & Shift Spot VM			MAP-12- 0705.map.test.CONTOSO.COM	Microsoft Windows Server 2012 Datacenter	F2S V2	MultipleDrive	9.96600000000008	0.02[1.64%]	1.53(46.43%)	
	Azure App Service	•		POM-8V3S-SP1- 01.WA.USA.CONTOSO.COM	Microsoft(R) Windows(R) Server 2003 Standard x64 Edition	F2S V2	MultipleDrive	6.144200000000001	0.00[0.18%]	0.20(20.23%)	
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					Considering and the cloud All debts are and	L Hereichen die Hereichen	Aller Confidence				

Figure 160: Lift & Shift spot VM

7.3.6 Lift & Shift Report

Burstable toggle button with IOPS in managed disk tab

Customers can get a good target of VMs with IOPS available burstable toggle button in cloud migration Lift & Shift report. To activate this option, customers need to select [include IOPS], and then they can use the [include burstable] option, and customers can benefit from cost reduction. Figure 161: Burstable toggle button with IOPS

CloudRecor	n	=		* Activate	Premium	Last Updated on: 1/6/20	23 7 56 54 AM	& region : 05 Ea	- Br User Gu	ide 🔹 🍬			User
		🖬 Lift & Shift Report		Sized on	: • 95 Per	centile As Is C	onfiguratio	n Apply Running	Hrs (Dev/Test) -	730 Hrs (24	(77) 220 Hrs	s (Weekdays)	Export Exce
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		Details					Stora Assumption	ge Unavailable Total 127GB Used 98GB	Storage Pay As You Go Co	Cost st(For all disks)	+ Pay A	As You Go Cost(For other disks)
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		POM-6V8E-09.CONTOSO.COM	Windows	C:	0.18	24.35	DAS 🗸	Standard SSD 🗸	E4		2.4	0	32 GB, 600 IOPS
					0.07		DACH	Standard SSD V	F2	-	0.6	0	8 GB, 600 IOPS
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Lift & Shift (IaaS)	> > >	POM-3V35-01.CONTOSO.COM POM-6V8E.SP1-02.CONTOSO.COM POM-3V8D-02.USA.CONTOSO.COM POM-6V85-04.WA.USA.CONTOSO.COM	Windows Windows Windows	C: D: C:	0.39 1.54 1.78	5.33 17.27 6.56 34.84	DAS V DAS V DAS V	Standard SSD V Standard SSD V Standard SSD V	E4 E2 E6	• •	2.4 0.6 4.8	0 0 0	32 GB, 600 IOPS 8 GB, 600 IOPS 64 GB, 600 IOPS
Lift & Shift (IaaS)	* * *	POM-3V3S-01.CONTOSO.COM POM-6V8E-SP1-02.CONTOSO.COM POM-3V8D-02.USA.CONTOSO.COM POM-6V8S-04.WA.USA.CONTOSO.COM POM-6SQL128M-01.WA.USA.CONTOSO.COM	Windows Windows Windows Windows	C: D: C: C:	0.39 1.54 1.78 0.60	5.33 17.27 6.56 34.84 20.11	DAS V DAS V DAS V DAS V	Standard SSD V Standard SSD V Standard SSD V Standard SSD V	E4 E2 E6 E4	• • •	2.4 0.6 4.8 2.4	0 0 0 0	32 GB, 600 IOPS 8 GB, 600 IOPS 64 GB, 600 IOPS 32 GB, 600 IOPS
Lift & Shift (laaS)	> > > >	POM-3V3S-01.CONTOSO.COM POM-6V8E-SP1-02.CONTOSO.COM POM-6V8E-SP1-02.CONTOSO.COM POM-6V8E-04.WALSA.CONTOSO.COM POM-6SQL128M-01.WALVSA.CONTOSO.COM POM-3V2KA-1.USA.CONTOSO.COM	Windows Windows Windows Windows Windows	C D: C C	0.39 1.54 1.78 0.60 0.21	5.33 17.27 6.56 34.84 20.11 1.75	DAS V DAS V DAS V DAS V DAS V DAS V	Standard SSD V Standard SSD V Standard SSD V Standard SSD V Standard SSD V	E4 E2 E6 E4 E1	- - - -	2.4 0.6 4.8 2.4 0.3	0 0 0 0 0	32 GB, 600 IOPS 8 GB, 600 IOPS 64 GB, 600 IOPS 32 GB, 600 IOPS 4 GB, 600 IOPS
Lift & Shift (laaS) Lift & Shift (MLS) Lift & Shift (RI) Lift & Shift (RI) Lift & Shift Grouping Lift & Shift Spot VM	* * * *	POM-3V3S-01.CONTOSO.COM POM-6V8E-SP1-02.CONTOSO.COM POM-6V8E-SP1-02.CONTOSO.COM POM-6V8E-04.WALSA.CONTOSO.COM POM-6SQL128M-01.WALVSA.CONTOSO.COM POM-3V2KA-1.VSA.CONTOSO.COM POM-9V120-04.MAP2012.COM	Windows Windows Windows Windows Windows Windows		0.39 1.54 1.78 0.60 0.21 4.82	5.33 17.27 6.56 34.84 20.11 1.75 18.55	DAS V DAS V DAS V DAS V DAS V DAS V DAS V	Standard SSD V Standard SSD V Standard SSD V Standard SSD V Standard SSD V Standard SSD V Standard SSD V	E4 E2 E6 E4 E1 E4	-	2.4 0.6 4.8 2.4 0.3 2.4	0 0 0 0 0 0	32 GB, 600 IOPS 8 GB, 600 IOPS 64 GB, 600 IOPS 32 GB, 600 IOPS 4 GB, 600 IOPS 32 GB, 600 IOPS



Figure 161: Burstable toggle button with IOPS

7.3.7 WebApp Assessment

This report provides cloud potential applications migration result with their monthly cost estimation.

In the left panel of CloudRecon dashboard, click **WebApp Assessment** under Cloud Migration tab. You will be redirected to the report with basic, standard, and premium Azure app services as shown in Figure 162: Lift & Shift with App Sizing

CloudRecon®	≡		ø	Currency US Dollar (\$)	US East Search anyth	ing. Q	* * F 😫 💽	DemoUser(Owner)
Welcome, DemoUser	AppSizing Report This report provides app sizing details with	h their monthly cost estimation.						
GENERAL								
1 Upload Inventory 🗸 🗸	호 App Service Details 후	Not Considered Web Applications					Azure Region : US East	~
🚯 View Dashboard >	Total Cloud Potential Web Appli	cations 11 0 Basic (B1)	Azure App Services 🛐 🔭 S	itandard (S1) Azure App Services 👩	0	Premium (P1) Azu	re App Services	0
1 Missing/Update Info 🗸	478.15/mo	G2.05	i/mo 💰 4	416.10/mo	Ś	N.A		Ŵ
OnPrem Inventory ~	💽 Web Application Sizing					Included Web Apps :	D	
Cloud Migration 🗸 🗸	Total Considered Apps : 11					Excluded Web Apps.:	0	
↓ 🖵 Lift & Shift (IaaS) →	Show 10 🗸 entries						Search:	
🛛 🖵 Lift & Shift (MLS) 🛛 🗸	Actions 11 Select 11	Application Name	Machine Name	Application Platform	Target Migration	11 Tier 11	Size 11 Monthly Price	tt i
Lift & Shift (RI) >		РНР	POM-3V3S-01.CONTOSO.COM	PHP	Azure App Service(PaaS)	Basic	B1 12.41	
Lift & Shift(PasS-S01)		ASP.NET website	pom-6v3s-01.CONTOS0.COM	.NET	Azure App Service(PaaS)	Standard	S1 69.35	
, 		Administration	pom-3v3w-sp1-01.WA.USA.CONTOS0.COM	ASP	Azure App Service(PaaS)	Standard	S1 69.35	
Lift & Shift Grouping >		Default Web Site/AJEX ASP.NET	POM-6V8S-02.USA.CONTOS0.COM	.NET	Azure App Service(PaaS)	Standard	S1 69.35	
Lift & Shift Sout VM		Default Web Site/ASP	POM-6V8S-02.USA.CONTOSD.COM	ASP	Azure App Service(PaaS)	Standard	S1 69.35	
💼 WebApp Assessment →		Default Web Site/HTML	POM-6V8S-02.USA.CONTOS0.COM	HTML	Azure App Service(PaaS)	Basio	B1 12.41	
🛛 🖵 WVD Assessment 🔿		Default Web Site/PHP	POM-6V8S-02.USA.CONTOSO.COM	PHP	Azure App Service(PaaS)	Basic	B1 12.41	
♦ Data Estate ✓		ASPSite	POM-6V8S-02.USA.CONTOS0.COM	ASP	Azure App Service(PaaS)	Standard	S1 69.35	
		HTMLPage	POM-6V8S-02.USA.CONTOSO.COM	HTML	Azure App Service(PaaS)	Basio	B1 12.41	
Onpremise Security ~		asp	POM-3V3S-01.CONTOSO.COM	ASP	Azure App Service(PaaS)	Standard	S1 69.35	
\$ тсо ~	Showing 1 to 10 of 11 entries						Previous 1	2 Next
😁 Others 🗸 🗸			Copyright © 2021 UnifyCloud	I All rights reserved.				⑦ Support

Figure 162: Lift & Shift with App Sizing





7.4 CLOUD MIGRATION (PREMIUM)

In the Cloud Migration Premium section, you will get access to various cost estimates relating to Azure Virtual Desktop, SAP (Lift & Shift), Azure VMWare Solution and Sustainability. If Premium Reports haven't been activated, you will see the following screen.

	,®	🔁 🔘 License Expires in : 2883 days 🔊 Currency : US Dollar (\$) 🛛 🔮 Region : US East 🖉 User Gado = 🌲 🙊	E DemoUser(Owner) ~
Welcome, DemoUser		Exit and Shift (Azure Vmware Solution) The page provides as it is AVS migration to Azure	
DnlyDemo			
1 Upload Inventory	~		
View Dashboard	*	Currently, you are not a Premium license subscription owner	
i Update Info	•	hence you are not eligible to view this Premium reports. To view Premium reports, you need to purchase the Premium license.	
1 Add/Missing Info	*	if you aiready have Premium report subscription then enable this report.	
OnPrem Inventory	~	Other de Lesier Provinci	
Cloud Migration	~	A) Follow these steps:	
Cloud Migration Premium	*	1. Apply for the license through the Central Provisioning System (CPS) Portal	
AVD (Lift & Shift)	×	3. Contact Unifycloud PMs or Sales.	
🔹 🖵 SAP (Lift & Shift)			
Azure Vmware Soluti	on		
Sustainability			

Figure 162 A: Premium Reports Not Available

You can choose from the following options to activate the Premium reports for the CloudRecon Portal.

Option 1: Apply for the license through the Central Provisioning System (CPS) Portal: <u>https://centralprovisioning.azurewebsites.net/</u>.

Option 2: Contact us at support@unifycloud.com.

Option 3: Contact the Sales Representative or Product Manager from the UnifyCloud team.





Following the activation of the reports, you will receive an acknowledgement e-mail from the UnifyCloud support team. Login to the portal again to access these reports.

Welcome,		Dashboard CouldPerint Access and Munitor Phase	+ Expand A8
Осто Сето		# Total Machines 30	0
OnlyDemo			
2 Uplead Inventory		Physical Machines 0 Virtual Machines 0 Unknown Machines 0	
🙆 Vew Dashboard		81 🗃 414 繩 21 🚍	
i Update Info		II Total Physical Machines 🕕	0
1 Add/Meesing Info		Total Victual Machines	0
Colfree Inventory			0
		Total Distinct App (255)	0
Cloud Migration	*	E Cloud Potential Applications (23)	0
Cloud Migration	*	III Installed SQL Server (11)	0
= 🖵 AVD (Lit & Shit)			
- AVD (New Assessme	ent)	S Out of Compliance Assa	0
		SQL Out Of Compliance (el.soc)	0
Azure Vniware Solut	ion	# Application Running On Legacy OS (112)	0
 Sustainability 	÷	# Installed Legacy SQL Server 200	0
Data Estato	~		
		Copyright @ 2022 UnityCloud All rights reserved UnityCloud CloudAttas Confidential	

Figure 162 B: Premium Reports Activated

If you're unable to view all reports despite activating Premium, go to the Central Provisioning System (CPS) Portal, and enable all the Premium reports individually.

7.4.1 AVD (Azure Virtual Desktop) Assessment

Azure Virtual Desktop is an end-to-end desktop and app virtualisation service functioning on the cloud. It simplified management, multi-session Windows 10, optimisations for Microsoft 365 apps for enterprise and support for Remote Desktop Services (RDS) environments. Deploy and scale your Windows desktops and apps on Azure in minutes and get built-in security and compliance features.

In the left panel of CloudRecon dashboard, click **AVD Assessment** under Cloud Migration tab. You will be directed to the 'Lift and Shift desktop assessment' report page as shown in <u>Figure 163</u>: Azure Virtual Desktop (AVD).



Figure 163: Azure Virtual Desktop (AVD)

6.4.1.1 AVD New Assessment

In the AVD (New Assessment) menu, you will get the feature to start a new Azure Virtual Desktop Assessment, **as shown in the figure below.**

Welcome,	Azure This page provi	Virtual Desktop Assessr des feature to generate new assessme	nent ent for AVD.	Select	Pricing Model : Pay a	as you go 🔿 1 year reserved	3 year reserved
User	Create .	Accessment Details					
Demoinventory							_
Upload Inventory	Please prov	Cost Analysis based on i ide input details of required desktop a	nput. nd save to generate assessment.				Save Inp
View Dashboard			AVD Opportunity	User Group 1	User Group 2	User Group 3	User Group 4
Missing/Update Info	· –	549.12/mo	WVD (W7, W10, W10 MS, WS)	Windows 10 multi- 🗸	Windows 10 🗸	Windows Server 🗸	Windows 10 multi-
OnPrem Inventory	~ -	compute cost					
Cloud Migration	~		Customer Environment / User Requirements	User Group 1	User Group 2	User Group 3	User Group 4
Cloud Migration Premium	~ =	526.23/mo	User Type	Light 🗸	None 🗸	Medium 🗸	Heavy Graphics
		Storage Cost	Named (total) users	50	5	25	10
			Total usage hours	220	220	220	220
AVD (New Assessmer		2492.72/mo	Peak Concurrency (%)	100	100	100	100
SAP (Lift & Shift)	· · · ·	Networking Cost	Pooled / Personal	Pooled	Personal	Pooled	Pooled
Azure Vmware Solutio	ип >		Azure Region (for infrastructure)	US East	US East	US East	US East

Figure 163 A: Azure Virtual Desktop (New Assessment)



7.4.2 SAP (Lift & Shift)

 Under the SAP (Lift & Shift) menu, you will get access to various SAP Assessment details such as – SAP Cost Summary, SAP Machines, Managed Disks, Other services, Backup and DR, Assumptions, and an SAP Questionnaire. Click on the SAP (Lift & Shift) menu to access these features, **as shown in the figure below**.

	This page provides SA	P Assessment Details						Sized on: 95 Perc	entile OAs Is Configuration
Welcome, User	Cest Summary	SAP Machines	aged Disks 🗱 Other Services	Backup and D	R 🚯 Assu	mptions 🛛 Questionnair	e		
Demolnventory		204.07	App Server Compute Co	ost	App Server	Storage Cost	APP Server DR C	ost	
ipload Inventory	·	384.07	pay as u go	94.17		2.	4	0	3.95
iew Dashboard	,	lotal Cost	DB Server Compute Cos pay as u go	t 277.4	DB Server S	Storage Cost 6.1	DB Server DR Co	st O	Networking Co
lissing/Update Info	* Select SLA		in On-Premise De	tails		A On-Azure Details		4	
nPrem Inventory	• 99.9 (Replicati	ion)	1 SAR Ann Server	2	DIAL	1	2	2	
loud Migration	CAD Sining Summer Su					SAL App server	SAT DO SCITCI	_	
loud Migration Premium	Y	Pay as you go	1 ye	ar reserved		3 yea	r reserved	OnF	remise On Azure
	Linux	Cost	Linux		Cost	Linux	Cost	Maria	
AVD (Lift & Shift)	Compute Cost	371.5	7 Compute Cost	i	31.73	Compute Cost	172.0	9 Montr	ily Cost Compariso
🖵 AVD (New Assessme	nt) Storage Cost	8.55	Storage Cost		8.55	Storage Cost	8.55	500	
SAP (Lift & Shift)	Windows		Windows			Windows		5	
	Compute Cost	0	Compute Cost		0	Compute Cost	0	8 ²⁵⁰	
Azure Vmware Soluti	on Storage Cost	0	Storage Cost		0	Storage Cost	0	0	
Sustainability	> Network Cost	3.95	Network Cost		3.95	Network Cost	3.95		Compute Cost
ista Estata	Total Cost	384.0	7 Total Cost	2	44.23	Total Cost	184.5	9 Pay a	s you go 🛛 😑 1 Year
and Louditi	Network Cost (Onti	217.6	Network Cost (Ontional)		17.64	Network Cost (Ontional)	217.6	• 3 Ye	ır

Figure 164: SAP (Lift & Shift) Assessment

7.4.2.1 Azure bastion Price feature

The price depends on the total outbound data transfer, and the customers must pay for the bastion deployment time. After that, they can select their subscription packages and experience cost reduction.

		Other Services									
Watcome,											
DemoUser		Service	Environment_Category	Requirement	Region	Quantity	Price	Cest Description	Assumptions	ReferenceURLs	Pricing
		Acute Active Directory	Production Security	Recommended	US East	N/A	0.00	N/A	Considering uper are already in Anuw AD	Circle	Nia
Upload Inventory	*	T Key Voult	Production_Security	Recommended	US-East	T HSM Rey	1.03	Region : US East, 10000 Operation 1 HSM Enderteel East	Total HSM keys is no of application , Total no. of Operations assumed on the basis of : per key requires 10000	Circle I	-
Vew Deshboard								Contraction and a	operations		
MissingUpdate Info	*	😚 Application Gateway	Production_Networking	Recommended	US East	t instance	91.96	TIER - Web Application Ferenall S221 - Medium 1 Gateway Instance , upta 10 TB Data Processed Size price \$ 0.00	$\rm HSTANCES$ - total applications running/10 . L16 number of applications is not known then we have assumed that per 5 VMs - 1 Web app is running)	Club	Data
OnPrem Inventory	× .	Bandwidth	Production-Des/Text_Networking	Mandatory	US East	30.08	2.25	Region (US East+30 GB(2 Prod VM +0 Dev VM)	10GB per VM outloand date transfer is considered.	Cità	Citt
Cloud Migration	*	Traffic Manager	Production_Networking	Recommended	US East	2 Endpoints	1.62	DNS query - 1 Million/manth ; External EndPoints 2	External Endpoints - total apps * 2 (Assuming Per App - minimum 2 empoints).	<u>Cisk</u>	Cità
Cloud Migration Termine	~	P Network Watcher	Production, Networking	Recommended	US East	1.Instance	33.80	Report US East + 50 Network Logi Collected	Vietwork Logs Collected - 50 GE (assumed) , Traffic Analytics - 1 Logs collected (GB)	<u>Disk</u>	Citta I
AVO (UR & SHR)		😵 Load Balancer	Production_Networking	Recommended	US East	2 Rules	18.40	Tier : Standard Load Balancer, 2 Rules, 30 GB data Processed	Rules - 2 (assumed rivinimum required) . Data processed - same as bandwidth	<u>014</u>	Cist"
AUD (New Assessme	10	A Express Route	Production+Dev/Test_Networking	Recommended	US East	1 Instance	55.00	Port Speed : 50Mbps + Metered Data Play	Metered Data plan and SDMbps Port speed is considered	Cisk	Det
SAP (LIT & SHIT)		0-0 Virtual Network	Production_Networking	Mandatory	US East	1 Instance	0.60	TVFE: - Same Region + 30 GB Outbound Date Transfer +30 GB Inbound Data Transfer	DADA TRANSPER - upto 50 VM (production) - 1008 per VM.	Side	Cit8
Acure Version Sold Scatanubility	" :	🖬 🕫 Addresses	Production_Networking	Recommended	US East	2 IP Address	5.86	TYPE : Basic (ARM) , Dynamic IF Addresses : 1 Application Gateways instance + 1 for load balancer	NJA	Cick	Data
	-	Cog Analytics	Production, Management and Governmence	Recommended	US East	3 VMs munitored	69.00	Daily logs ingested (OB/day)(1.30 days	Logs ingested VMs monitored + ns of production VM, Average logs ingested per VM (in GB) - 2 GB (assumed)	Cisk	Cist.
	*	🍄 Azure Advisce	Production_Management and Governance	Recommended	US East	N/A	0.00	N/A	There are no sharpes to use Azura Advison.	Club	NA.
	0	C Microsoft Defender	Production_Networking	Recommended	US East	21545	54,73	N/A :	Per Microsoft defender cost: 4.01, Plan Servers, Plan 1	Cisk	Cità
		Azure Manitor Alert Rules	Production_Networking	Recommended	US East	2056	6.50	NA	Log Signal Manitard, Min Metrics on per VMS, Querying frequency 10	<u>Elsk</u>	248
		Azure Bastion	Production, Networking	Responseded	US East	1 Apure	138.70	N/A	730 Haurs 5 GB Outbound data transfer	Disk	Cick

Figure 165: Azure bastion Price feature



7.4.2.2 Introduced Questionnaire portal

The customers can use this function to generate questionnaires and save appropriate answers through the Questionnaire tab in the lift and shift SAP assessment portal. The saved answers can be used as a reference upon requirement. Figure 166: the Questionnaire tab is shown

		This page (provides SAP Assessment Deta		
Welcome,		SE Co	ist Summary I SAP Machine	s Managed Disks COher Services Backup and DR OAssumptions OQuestionnaire	
User		🛢 Qu	estionnaire		Save Questionnai
JemoInventory					
pload inventory	Ť	Sno.	Catergory	Questions	Answer
/icw Dashboard	•	1	SAP General	Which is the current DBMS for SAP? List all that are in landscape	
Updale Info	~	2	SAP General	Which is the preferred OS for SAP?	
Add/Missing Info	~	3	SAP General	Will the OS be licensed directly (BYOL/BYOS) Or to be part of Azure VMs?	
	~	4	SAP General	How many lier are these in your SAP Landscape?	
loud Migration	~	5	SAP General	Any other additional third party software used as part of SAP Solution ?	
Cloud Migration Premium	~	6	SAP General	SAP Interfaces. Please provide details of the Key interfaces SAP to SAP, SAP to Other, SAP to External, etc? include details of quantity of interfaces and types of technologies in use/SAP PI/PO, scripts, FTP, etc	
	~	7	SAP General	What is the maximum downtime window for SAP Migration?	
Inpremise Security	~	8	SAP General	Do you have a Change Freeze at certain times of the year and if so, when?	
	~	9	SAP General	Does the organization have formal data retention policies in place?	
igration Assist	~	10	SAP General	Do you current archive / delete data from SAP ?	

Figure 166: Questionnaire portal



7.4.3 Azure VMWare Solution

Azure VMware Solution or AVS helps migrate existing VM workloads onto Azure without having to change the architecture of applications. Click on the Azure VMware Solution menu to access the AVS migration features, **as shown in the figure below**.



Figure 166 B: Azure VMware Solution



Azure Dedicated Host

Azure Dedicated Host reports will help you understand the configuration and how many number of dedicated hosts are required to run your infrastructure and handle your entire workload efficiently. The Azure Dedicated Host Report section has two components – Cost Summary, and Dedicated Hosts.

Cost Summary

In the 'Cost Summary' Tab, you can find sizing details relating to Azure Dedicated Host service. You will get access to data such as – On-Premises vs Azure costs, 1 Year and 3 Year RI's, Cost Comparison, Lift & Shift Costs, and Dedicated Host Costs.

JdRecon [®]									ι	Unify <mark>Clo</mark>
Welcome	≡		* A0	ctivate Premium	Currency : US Dollar (\$) and Undeled on 12/13/2022 7:19/52 AM	Region : US East	📕 User Guide 🗸	4 🧙 🗄	🕘 🔔 Dem	no(Owner) ~
Demo	Azure Dedic	ated Host Report								-
DolyDemo	This report provides size	ng details .								XII
🛓 Upload Inventory 🗸	Cost Summary	Dedicated Hosts								
View Dashboard	On-	On-Premise Vs Azure		# Payasugo # 1 Year RI		# 3 Year RI		st Compa		
		\sim	30467.28	1798	37.83 11	486.13	32k			
	1 🚍 1		Compute + Storage	Compute	te + Storage Compute + Storage		ê.			
1 Add/Missing Info V	ON-PREMISE	CLOUD	Lift and Shift Cost 🚺	urope West	Dedicated Ho	est Cost		Compute + 1	Storage Cost	
ConPrem Inventory V	250	8	80647.48	3	30467.	30467.28		you go 🌒 🖤 Year	One Year	
💠 Cloud Migration 🗸 🗸	230		//Payasugo (Including L	license)	#Payasuge	0				-
Lift & Shift (laaS)	Dedicated Host SK	Us Available vCPUs	Available RAM	Required vCF	Us Required RAM	# HOST	PAYG	1YR	3YR	
	Dsv3-Type4	119	768	4	16	1	3855.13	2291.25	1468.49	- 11
	Esv3-Type4	119	768	4	32	1	4250.06	2503.17	1656.61	
	Esv5-Type1	119	768	6	48	1	4856.69	2865.33	1845.49	
Lift & Shift Grouping										
Lift & Shift Spot VM	Azure + JaaS	noyment	Req Core Win Datacen	ter	Platform Type Deployment		,	163	andard	
Azure App Service	Azure Dedicated H	lost	952		Azure Dedicated Host			952		
Azure Dedicated Host		Required Windows Da	itacenter License		R	equired SQL S	tandard Lice	ense		
Cloud Migration Prenium										
	Required Windows	lizansa	Consticut @ 2022 LiniteC	ourd All sights rases	Required SOL Linesco	obdeeliad				

Figure 167: Azure Dedicated Host Report – Cost Summary

Dedicated Hosts

In the 'Dedicated Hosts' Tab, you can find the relevant details of Dedicated Host Groups, VMs and Servers.

CloudRecon®			* Activate P	remium Curre	ancy : US Dollar (S) st on: 12/13/2022 10.25.19	Region : US E	ast 📓 User Guide 🗸	🌲 🔊 🔮	Demo(Owne
Welcome, Demo	cated Host Report ing details .			AM					X
Cost Summary	P Dedicated Hosts								
Lupload Inventory → H Dedicated H	lost Details 8							3046 On-demand Co	7.28 ost (Monthly)
Wew Dashboard Show 10	entries							Search:	
Action IL Gre	oup Series 🏥 Vm	Series	Available Cpu	Available Ram 💷	Required Core	Required RAM 1	Ondemand Price	1yr Price	3yr Price
1 AddMissing Info Y Oed	dicatedHost Instance1 Esv:	3-Type4 2	119	768	4	32	4250.06	2503.17	1656.61
OnPrem Inventory Y	dicatedHost Instance2 Esv	5-Type1 3	119	768	6	4B	4856.69	2865.33	1845,49
O Ded	dicatedHost Instance3 Dav	rS-Type1 47	119	768	94	376	3854.4	2274.08	1464.66
Cloud Migration Y	dicatedHost Instance4 Dsv	/3-Type4 2	119	768	4	16	3855.13	2291.25	1468.49
	dicatedHost Instance5 Fsvi	2-Type4 60	119	768	119	238	3412.75	2013.5	1262.72
	dicatedHost Instance6 Fsv	2-Type4 60	119	768	119	238	3412.75	2013.5	1262.72
Lift & Shift (MLS) Ded	dicatedHost Instance7 Fsv	2-Type4 60	119	768	119	238	3412.75	2013.5	1262.72
 Lift & Shift (RI) Dec 	dicatedHost Instance8 Fsv	2-Type4 16	119	768	31	62	3412.75	2013.5	1262.72
Litt & Shift Grouping → Showing 1 to 8 of 8 e	entries							Previous	1 Next
□ Lift & Shift Spot VM									
Azure App Service >									
Azure Dedicated Host						Second Second Last			





7.5 **S**USTAINABILITY

The sustainability Report in CloudRecon offers data and graphs representing the environmental impact of IT infrastructure, including energy usage and carbon emissions, and compares with the post cloud migration scenarios. This feature can be accessed from the 'Cloud Migration Premium' menu and has been updated with additional sustainability estimates, such as Electricity and Water Consumption.

7.5.3 Summary

Summary Tab comprehensively represents the infrastructure's carbon emissions by means of statistical representation. Electricity savings, Carbon Credit Financial Savings, Carbon Avoidance etc can be viewed on the Summary Tab, as shown in the figure below.



Figure 169A: Sustainability Report - Summary





7.5.2 Sustainability Details Tab

Summary Tab comprehensively represents the infrastructure's carbon emissions such as – Electricity Savings, Power consumption attributed greenhouse emissions, water consumption etc. Click on the Sustainability Details Tab, as shown in the figure below.

and the second s		Sustainability Report	+												-
Welcome, Demo		This page provides information about	the Carbon E	mission of yo	ur infrastructur	re.	Co2 Unit	KgCO2e	 RenewableEnergy? 	0%	• la	aS 🔘 laaS+l	PaaS 🔘 laaS	+ PaaS(Postgre	SQL) X
		EE Summary Sustainability De	tails 🛢 Bect	ricity On-Pren	n vs Azure 0	Carbon Fo	otprint	CFP_Calcul	ation 🛢 Sustainability Man	ager 🛢 Greer	house Emissio	n 🛢 Office &	Water Consum	ption	
OnlyDemo		NAME OF TAXABLE PARTY.													
Upload Inventory	•	IaaS Details													
View Dashboard		Show 10 🗸 entries												Search:	
Update Info	*			Machine Del	talls				CO2 Emission by Geo		Carbon	Emission Proje	ction-Timeline		Action /
Add/Missing Info	~	Computer Name	LE Cores	RAM 1	Used IT Storage	Avg ^[] Core	Avg 17 RAM	Azure ^[1] VM	CO ₂ - Region	Total [] KgCO2e	Q-1 ¹¹ KgCO2e	Q-2 KgCO2e	Q-3 ^[] KgCO2e	Q-4 KgCO2e	Details
OnPrem Inventory	•							Size							
Cloud Migration	•	0705,map.test.CONTOSO,COM	1	3.30371	9.97 GB	0.02	1.53	B2s	491 gm/KWH	2.90	260.77	260.77	260.77	260.77	Details
Cloud Migration Premium	~	MAP-12- 0706.map.test.CONTOSO.COM	10	2.16504	9.54 GB	0.02	1.01	F2s v2	491 gm/KWH	10.92	983.15	983.15	983.15	983.15	👁 Details
AVD (Lift & Shift)	*	Map. 1202													
🖵 SAP (Lift & Shift)	*	0901.map.test.CONTOSO.COM	1	1.99902	9.06 GB	0.02	0.93	F2s v2	491 gm/KWH	10.92	983.15	983.15	983.15	983.15	Details
Azure Vmware Soluti	on	MAP-BT10-													
Sustainability	20	0903.map.test.CONTOSO.COM	1	0.610352	9.14 GB	0.50	0.31	F25 V2	491 gm/KWH	10.92	983.15	983.15	983.15	983.15	Se Declails
Data Estate	~	MAP-BT12-		1.43971	22.00.08	0.50	0.71	526.12	491 om 80MH	10.02	003.15	002.15	0.02.15	083.15	Details

Figure 169B: Sustainability Details

7.5.3 Electricity – On-Prem vs Azure

This tab provides power consumption of each machine on Azure based on the machine-level details vs. three efficiency levels of on-premises datacentres.

	ຶ	Sustainability Report This page provides information about the Ca	irbon Emissio	on of your infra	istructure.	Co2 Unit	KgCO2e	✓ Rei	newableEnergy%	0%	laaS laaS+Paa	5 OlaaS+PaaS(Postg	reSQL)
Welcome, Demo		🖾 Summary 📑 Sustainability Details	Electricity C	0n-Prem vs Azi	ure Carbon	Footprint	CFP_Calco	alation 🛢 S	ustainability Manag	er 🛢 Greenhou	se Emission 🗐 Office & Wa	ter Consumption	
OnlyDemo		IaaS Details											
🚣 Upload Inventory	~	Show 10 v entries										Search:	
Wiew Dashboard	>		-	Machine Deta	ils					đb	Total Power Consumed		E Action
1 Update Info	~	Computer Name II.	Cores 1	RAM ^{↓↑}	Used ^{↓†} Storage	Avg ^{‡†} Core	Avg ^{⊥†} RAM	Azure ^{↓↑} VM Size	Power ^{1†} Consumed Azure	Low ↓↑ Efficient DC	Medium_Efficient DC	High_Efficient $DC^{\downarrow\uparrow}$	Details 🥼
1 Add/Missing Info	*	MAP-12-0705.map.test.CONTOSO.COM	1	3.30371	9.97 G8	0.02	1.53	B2s	2.35	6.26	3.55	4.18	👁 Details
OnPrem Inventory	~	MAP-12-0706.map.test.CONTOSO.COM	1	2.16504	9.54 GB	0.02	1.01	F2s v2	8.86	23.62	13.38	15.74	@ Details
Cloud Migration	~ ~	Map-12R2- 0901.map.test.CONTOSO.COM	1	1.99902	9.06 GB	0.02	0.93	F2s v2	8.86	23.62	13.38	15.74	Details
AVD (Lift & Shift)	>	MAP-BT10- 0903.map.test.CONTOSO.COM	1	0.610352	9.14 GB	0.50	0.31	F2s v2	8.86	23.62	13.38	15.74	Details
SAP (Lift & Shift)	> n	MAP-BT12- 0902.map.test.CONTOSO.COM	1	1.42871	23.80 GB	0.50	0.71	F2s v2	8.86	23.62	13.38	15.74	👁 Details
 Sustainability Data Estate)) •	MAP-CM12- CAS.map.test.CONTOSO.COM	2	3.99902	64.58 GB	0.03	1.86	F2s v2	8.86	23.62	13.38	15.74	👁 Details
Onpremise Security	÷	MAP-CM12-											

Figure 169C: Electricity On-Prem vs Azure



7.5.4 Carbon Footprint

This Tab contains details representing the Carbon Footprint of an organization – emissions, specifically carbon dioxide (CO2) and other equivalent gases, produced directly or indirectly by the company's activities and operations. Click on the Carbon Footprint Tab, as shown in the figure below.



Figure 169D: Carbon Footprint



The CFP calculator provides an estimate of the cost, features, and performance of Sustainability. Click on the CFP Calculator Tab, as shown in the Figure below.

🔂 CloudReco	n	=		① Licens	e Expires in : 665 day	S Gurrency : Eur	ro (€)	gion : Japan East 🖉 User Guide 🗸 🜲 📚 🔛 🔝 Demo
Welcome, Demo		Sustainability Report This page provides information about the Carbo	in Emission of yo	ur infrastructure.	Co2 Unit KgCO2e	✓ RenewableE	nergy% 0%	laa5 laa5+Paa5 laa5+PaaS(PostgreSQL)
OnlyDemo		😢 Summary 🔮 Sustainability Details 👹 B	lectricity On-Pren	• vs Azure • Carbon F	ootprint	lation 🖀 Sustainabili	ty Manager 🖀 Greenh	ouse Emission Consumption
Upload Inventory	-	On premise CFP						
	- 21	Time Period	Year 1	Year 2	Year 3	Year 4	Year 5	Remarks
View Dashboard	<u></u>	All Servers type						
Update Info	*	Manufacturing	9073	11870	15624	20674	27490	Considering Increase in server utilization
	1000	Use	7040	9219	12142	16075	21381	Considering Renewable energy source of Azure Datacenter
Add/Missing Info	× .	Transport	45	58	77	103	135	Considering Increase in server utilization
OnPrem Inventory	~	End of Life	281	367	484	641	853	Considering Microsoft recycling of EoL machines
Cloud Migration	•	Total Carbon FootPrint of all the servers onpremise	16439	21514	28327	37493	49859	
Cloud Migration Premium	*	Azure CFP(KgCO2e)						
AVD (Lift & Shift)		Time Period	Year 1	Year 2	Year 3	Year 4	Year 5	Remarks
SAD (LID & Shift)		All Servers type						
		Manufacturing	3861	5051	6649	8797	11698	Considering increase in server utilization
Azure Vinware Soluti	ion	Use	3516	4604	5198	2294	0	Considering Renewable energy source of Azure Datacenter
Sustainability		Transport	19	25	33	44	57	Considering increase in server utilization
Party Column		End of Life	53	52	46	30	20	Considering Microsoft recycling of EoL machines
Onoromise Security		Total Carbon FootPrint of all the servers in Azure	7449	9732	11926	11165	11775	

Figure 169E: CFP Calculator



7.5.6 Office & Water Consumption

Measuring and managing water consumption is important for office infrastructure as it can help identify areas for water conservation and efficiency improvements, reduce water bills, and support sustainability efforts. This Tab represents the office water consumption comparison of On-premises vs Azure.

CloudReco	n®	Sustainability Report This page provides information abo	ort ut the Carbon En	nission of your	infrastructure	Co2 L	Init KgCO	2e 🗸 R	tenewableEnergy%	% V laaS	laaS+PaaS laaS+PaaS(PostgreSQL)
Welcome,		🖾 Summary 🛢 Sustainability D	letails 🛢 Electric	city On-Prem v	s Azure 🛛 O	arbon Footpri	nt CFP_Ca	alculation	Sustainability Manager	Greenhouse Emission	Office & Water Consumption
		Carbon Neutrality									Water Consumptions
OnlyDemo				Year1	Year2	Year3	Year4	Year5			300k
Upload Inventory	~	Carbon Credit Sale		56.10	183.80	307.03	657.15	1188.22	= Carbon metric tons i	educed * Carbon credit	200k
🚯 View Dashboard	•	Coil Coase Peelaim									
Update Info	~	Son Space Reclaim									100k
				Year1	Year2	Year3	Year4	Year5			
L Add/Missing Info	~	Office Space Reclaimed by migr	ation	1.88	4.69	5.63	7.50	9.38	Sqmt covered by DC In	frastructure	
OnPrem Inventory	~	Water Consumption by O	n-premise								rear rear rear rear
Cloud Migration	~		Year 1	Year 2	Year 3	Year	4	Year 5			on-prem • azure • saved
Cloud Migration Premium	~	Water Consumption by On- premise	56764.80	141912.00	17029	4.40 <mark>2</mark> 27	059.20 2	83824.00	Liters of water consum	ed	Potential water saving
AVD (Lift & Shift)	•	Water Concumption by A	Turo (in 1)								300k
🗣 🖵 SAP (Lift & Shift)	>	water consumption by A	Year 1	Year 2	Year 3	Year	4	Year 5			227059.2
Azure Vmware Solutio	an -	Water Consumption by Azure (in			Tear 5	Teur			= water consumption i	n DC * (1-electricity	200k 170294.4
Sustainability	>	U .	88069.81	95174.51	11420	9.42	279.22 1	90349.03	consumption of azure)		141912.0
Data Estate	~	Water Consumption Save	d by Migratio	n (in L)							100k
0			Vear 1	Year 2	Vear 3	Vear	4	Vear 5			30/04.8
 Onpremise Security 					Copyri	aht © 2023 Ur	ifvCloud All r	ights reserved	UnifyCloud CloudAt	las Confidential.	

Figure 169F: Office Water Consumption On-Prem vs Azure

7.6 DATA ESTATE

7.6.1 SQL vCore

This report provides SQL Right Sizing (PaaS) details based on vCore. It provides relevant cost details to migrate SQL Database on Azure.

In the left panel of CloudRecon dashboard, click **SQL vCore** under Data Estate tab. You will be directed to the SQL Sizing Summary report as shown in <u>Figure 170</u>: <u>SQL vCore</u>

SQL vCore main tab will consist of the following sub tabs:

Cost Summary Tab

The cost summary tab gives a summary of SQL Databases Migration cost and SQL Component services on Azure based on vCore.

DB Sizing Tab

Right Sizing (PaaS) of SQL server databases as per vCore are listed in this section. Databases which are running on SQL Server Enterprise, Standard edition, and free



edition (Express, Developer) are considered in SQL Right Sizing. Storage price is also listed which is based on the database size.

Default DB

- **Default Databases created by SQL Component Services** –This tab shows the other databases created by third party like SharePoint, Report Server, Operations Manager, etc. are listed.
- **SQL Default DB** All SQL server default databases like master, model, tempdb and msdb are considered in this section. These databases are not considered in SQL Right Sizing.

Component Services Tab

SQL Analysis services sizing details and information of SQL server reporting service are also available and are listed in this section.

- Analysis Services In SQL Analysis Service consolidation of all analysis services running on same SQL version and sizing is done based on average core utilization and RAM Utilization of all consolidated services running in PaaS environment.
- **Reporting Services** In Reporting Service, Windows VM is used to run all same SQL versions on which reporting services are running.
- Integration Services Integration Service running in PaaS environment (Azure Data Factory), consolidation of service having same SQL Server Versions and sizing is done based on average core and RAM Utilization of all consolidated services.

Assumptions Tab

In the Assumption tab, whatever assumptions have been taken in SQL vCore Right sizing has been mentioned.



Figure 170: SQL vCore

7.6.2 SQL VCore with MLS

- In the left panel of CloudRecon dashboard, click SQL vCore with MLS under Data Estate tab. You will be directed to the SQL Sizing Summary report as shown <u>Figure 170B: SQL vCore with MLS</u>
- 2. This report provides SQL Right Sizing (PaaS) details based on vCore. It provides relevant cost details to migrate SQL Database on Azure with Microsoft license entitlement is applied.

SQL vCore with MLS main tab will consist of the following sub tabs:

Cost Summary Tab

The cost summary tab gives a summary of SQL Databases Migration cost and SQL Component services on Azure based on vCore with MLS applied.

DB Sizing Tab

Right Sizing (PaaS) of SQL server databases as per vCore are listed in the SQL Azure DB details section. Databases which are running only on SQL Server Enterprise and standard edition are considered in SQL Right Sizing.

MLS Summary

The MLS summary tab gives a summary of SQL Servers having license According to their Product family, Version. It shows the Number of active Licenses, number of upgraded licenses.



Licenses Distribution

This tab gives a summary of licenses distribution based on core.



Figure 170B: SQL vCore with MLS

7.6.3 SQL Manage Instance

This report provides the information about SQL Manage Instance Right sizing (PaaS).

1. In the left panel of CloudRecon dashboard, click **SQL MI** under Data Estate tab.

User will be directed to the SQL manage Instance report as shown Figure 171: SQL Manage Instance.

SQL MI tab will consist of the following sub tabs:

Cost Summary Tab

The cost summary tab gives a summary of SQL Managed Instance right sizing with SA (Software Assurance) i.e., with SQL license, without SA (Software Assurance) i.e., without any SQL license.

Total Considered Instance Tab

The Total Considered Instance tab gives show On-Premises details of All SQL server instances running on SQL Server are considered in SQL managed instance sizing.



MI Before Consolidation Tab

The MI before Consolidation tab shows All SQL server running instances on SQL Server except default databases (Master, temdb, msdb, model) and which is not sizing depend on RAM and core.

After Consolidation Tab

After consolidation tab contains On-Premises SQL manage Instances consolidation having different SQL Server versions with cross editions.

Ignored Instances Tab

- **Default database instances**-Those SQL Server instances where default databases (Master, temdb, msdb, model) running.
- Not considered-Instance on Which DB Not Running Tab- Those SQL Server instances where database not running.
- Not Considered Instances which not sizing-Those instance does not have RAM, vCore.

DB Details Tab

In the Database Details tab, all the databases, with their different editions, SQL Server instances details are listed here.

Component Services

SQL Analysis services sizing details and information of SQL server reporting service are also available in this section.

- Analysis Services In SQL Analysis Service consolidation of all analysis services running on same SQL version and sizing is done based on average core utilization and RAM Utilization of all consolidated services running in PaaS environment.
- **Reporting Services** In Reporting Service, Windows VM is used to run all same SQL versions on which reporting services are running.
- Integration Services Integration Service running in PaaS environment (Azure Data Factory), consolidation of service having same SQL Server Versions and sizing is done based on average core and RAM Utilization of all consolidated services.

Assumptions Tab



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In the Assumption tab, whatever assumptions have been taken for SQL Managed Instance Right sizing has been mentioned.



Figure 171: SQL Manage Instance

7.6.4SQL MI with MLS

This report provides the information about SQL MI with MLS Right sizing (PaaS).

1. In the left panel of CloudRecon dashboard, click **SQL MI with MLS** under Data Estate tab.

User will be directed to the SQL manage Instance with MLS report as shown in Figure 172: SQL MI with MLS

SQL MI with MLS tab will consist of the following sub tabs:

Cost Summary Tab

The cost summary tab gives a summary of SQL Managed Instance right sizing. Use your own MLS i.e., as per MLS distributions and SQL Component services on Azure.

Total Considered Instance Tab

This tab shows On-Premises details of All SQL server instances running on SQL Server are considered in SQL managed instance sizing with MLS.



MI Before Consolidation Tab

The MI before Consolidation tab shows All SQL server running instances on SQL Server except default databases (Master, temdb, msdb, model) and which is not sizing depend on RAM and core.

After Consolidation Tab

After consolidation tab contains On-Premises SQL manage Instances consolidation having different SQL Server versions with cross editions.

Ignored Instances Tab

- **Default database instances**-Those SQL Server instances where default databases (Master, temdb, msdb, model) running.
- Not considered-Instance on Which DB Not Running Tab- Those SQL Server instances where database not running.
- Not Considered Instances which not sizing-Those instance does not have RAM, vCore.

Licenses Distribution

- **Licenses Distribution** The MLS summary tab gives a summary of SQL Servers having license According to their Product family, Version. It shows the Number of active Licenses, number of upgraded licenses.
- **Before Consolidation**-It Gives Summary of all SQL server having license According to their Product family, Version.
- **After Consolidation** It Gives Summary of all SQL server having license According to their Product family, Version.

Assumptions Tab

In the Assumption tab, whatever assumptions have been taken for SQL Managed Instance Right sizing has been mentioned.



Figure 172: SQL MI with MLS

7.6.5 MySQL DB

This report provides the information about MySQL DB Right sizing.

1. In the left panel of CloudRecon dashboard, click **MySQL DB** under Data Estate tab.

User will be directed to the MySQL DB report as shown in Figure 173: MySQL DB

MySQL DB report will consist of the following sub tabs:

Cost Summary Tab

The cost summary tab gives a summary of MySQL DB right sizing.

MySQL DB Sizing Tab

This tab shows the instance level sizing of a machine.

Excluded MySQL DB Tab

All SQL server default databases like master, model, tempdb and msdb are considered in this section. These databases are not considered in SQL Right Sizing.





7.6.6 Elastic Pool

The Elastic Pool Report will provide all the relevant information about SQL Azure Elastic Pool and Cost analysis.

1. In the left panel of CloudRecon dashboard, click **Elastic Pool** under Data Estate tab.

User will be directed to the SQL Elastic Pool report as shown in <u>Figure 174: Elastic</u> <u>Pool</u>

SQL Elastic Pool report will consist of the following sub tabs:

Cost Summary Tab

The cost summary tab gives a summary of SQL Elastic Pool right sizing and cost.

Total Considered Instance Tab

The Total Considered Instance tab gives show On-Premises details of All SQL server instances running on SQL Server.

Before Consolidation Tab

Before Consolidation tab shows All SQL server running instances on SQL Server except default databases (Master, temdb, msdb, model) and contains report server and which is not sizing depend on RAM and core.

After Consolidation Tab

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After consolidation tab contains On-Premises SQL manage Instances consolidation having same SQL Server versions with same editions

Ignored Instances Tab

- **Default database instances**-Those SQL Server instances where default databases (Master, temdb, msdb, model) running.
- Not considered-Instance on Which DB Not Running Tab- Those SQL Server instances where database not running.
- Not Considered Instances which not sizing-Those instance does not have RAM, vCore.

DB Details Tab

In the Database Details tab, all the databases, with their different editions, SQL Server instances details are listed here.



Figure 174: Elastic Pool

7.6.7 Elastic Pool with MLS

This report provides all the relevant information on SQL Azure Elastic Pool with MLS and Cost analysis.

1.In the left panel of CloudRecon dashboard, click **Elastic Pool with MLS** under Data Estate tab.



User will be directed to the SQL Elastic Pool with MLS report as shown in <u>Figure</u> <u>175: Elastic Pool with MLS</u>

SQL Elastic Pool with MLS report will consist of the following sub tabs:

Cost Summary Tab

The cost summary tab gives a summary of SQL Elastic Pool right sizing and cost.

Before Consolidation Tab

Before Consolidation tab shows All SQL server running instances on SQL Server except default databases (Master, temdb, msdb, model) and contains report server and which is not sizing depend on RAM and core.

After Consolidation Tab

After consolidation tab contains On-Premises SQL manage Instances consolidation having same SQL Server versions with same editions

Ignored Instances Tab

- **Default database instances**-Those SQL Server instances where default databases (Master, temdb, msdb, model) running.
- Not considered-Instance on Which DB Not Running Tab- Those SQL Server instances where database not running.
- Not Considered Instances which not sizing-Those instance does not have RAM, vCore.

Licenses Distribution

- Licenses Distribution The MLS summary tab gives a summary of SQL Servers having license According to their Product family, Version. It shows the Number of active Licenses, number of upgraded licenses.
- **Before Consolidation**-It Gives Summary of all SQL server having license According to their Product family, Version.
- After Consolidation- It Gives Summary of all SQL server having license According to their Product family, Version.

							j
Demoinventory				Manually Exclude	d Instance - 3 Oklubrid Ronoff	t Already Applied	
1 Inford Inventory	This report provides all the relevant	WITH MLS	QL Azure Elastic Pool with MLS	and Cost	Crybid Benefit	Chirdady Applied Griny with new	WLSPHE LE
							_
🔁 View Dashboard 🔅 🔅 🔅							
	Cost Summary Befo	ire Consolidation	표 After Consolidation 표 Ign	ored Instances Elicense Distribution			
Update Info 💙	14/4h aut CA	Description		Math CA Deset			
	without SA	benefit		With SA Benefit		Ignored Consolidation SQL Instance	Summary
Add/Missing Info	Pay as yo	u go		③ Pay as you go		Ignored Instances	Count
	Monthly P	nce	Compute Cost	Before Consolidation	After Consolidation	Instances not hosting any Database	5 48
Chiefen inventory	Before Conso	lidation	General General	29,531.49	6,335.51		
	General Put	rpose	General with dev	999,90	2 076 02	Default Database Instances	94
Cloud Migration	Compute Cost (Prod)	29,823.39	Business with day	3,807.80	2,010.00	Instances not considered for sizing	0
Same and the second second second	Compute Cost (Dev/Test)	444.48	Storage Cost	67.08	53.12	Total	142
Cloud Migration	Storage Cost	64.33	Total	34.010.95	9.364.56		
	Business C	ritical	1.11010			Pricipa Comparison of Elastic	Pool
🕈 Data Estate 🛛 💙	Compute Cost (Prod)	3,967.90		1 year reserved		Priorig Comparison of Elasto	
	Compute Cost (Dev/Test)		Compute Cost	Before Consolidation	After Consolidation		
🛛 🧮 SQL VCore 🔷 🔸	Storage Cost	2.75	General	23,234.55	4,936.19	SOL Elastic Pool	
	Total	34 302 85	General with dev	289.00		SQL Elastic POOL	
SQL VCore (MLS)	- Torum	04,002.00	Business	3,345.32	2,509.00	40k	
S 001 MI	After Consol	idation	Business with dev	-	0.00		
S OUL MI	General Pur	rpose	Storage Cost	67.08	53.12	o 1 1 1 1	
SQL MI (MLS)	Compute Cost (Brod)	6 627 41	Total	26,935.95	7,498.31	0	
	Compute Cost (Dev/Test)			20 3 Year reserved		Bafara Can Militana CA	
🔹 🧮 SQL Elastic Pool 💦 🤌	Storage Cost	26.10	Commute Cost	Refere Conselidation	After Consolidation	Before Con With SA	4 - E
	Business C	ritical	Compute Cost	Before Consolidation	Anter Consolidation	After Con Without SA	
SQL Elastic Pool (MLS)	Compute Cost (Brod)	2.075.02	Ceneral with day	10,030.00	4,130.19	After Con With SA	
Bastic Pool	Compute Cost (Pl00)	2,810.93	Contenan with dev	200.00	-		
Mysec us	Storage Cost	27.02	Business with day	2,390.02	2,242.32		
	orandye opsi	21 112	Prostiseas mini des				
			Storme Cost	67.09	62.12		

Figure 175: Elastic Pool with MLS

7.6.8 Oracle to PostgreSQL

This report provides information about migration from Oracle to PostgreSQL.

 In the left panel of CloudRecon dashboard, click Oracle to PostgreSQL under Data Estate tab.

User will be directed to the Oracle to Azure PostgreSQL report as shown in **Error! Reference source not found.**

Oracle to Azure PostgreSQL tab will consist of the following sub tabs:

Cost Summary Tab

The cost summary tab provides PostgreSQL monthly cost summary and Oracle VMs details. Oracle using hyperscale servers will be migrated to Cosmos DB. PostgreSQL and Cosmos DB Pricing have been separated, and the costing summary reflects these changes.

Azure PostgreSQL Sizing Details Tab

This tab provides the right sized details of all the oracle servers to be moved as PostgreSQL servers. Previously, hyperscale server option was part of Azure PostgreSQL. Now it has been moved to the Cosmos DB Tab.

Oracle VM Tab

Oracle VM is designed to provide high performance, reliability, and security for enterprise workloads. This Tab contains Oracle VM Details.



Oracle Server Inventory Details tab

This tab provides you the list of all Oracle servers along with the feature to save the various workloads running on each server.

If you want to move an oracle VM as it is, you can exclude that VM from the list provided.

Remain same as Oracle Server

This tab provides the details of the VMs those were excluded on the previous tab "Oracle servers inventory details" as an oracle VM.

PostgreSQL Backup

This tab provides the backup details of the VMs.

The 'Data Estate' section now provides additional information about migration from Oracle to PostgreSQL. There are three tiers – single server, flexible server, and hyperscale server. Previously, hyperscale server was part of Azure PostgreSQL. Now the hyperscale server has been moved to Cosmos DB. Oracle using hyperscale servers will be migrated to Cosmos DB. PostgreSQL and Cosmos DB Pricing have been separated, and the costing summary reflects these

Add/Missing Info	× 1	Oracle To Azur	e PostgreSC	۱L					• Pay as you go 🔿 1 year re	served 3 year reserved
OnPrem Inventory	~	This report provides all the re	elevant information a	about Oracle	DB.					
Cloud Migration	~	Cost Summary 표A	zure PostgreSQL siz	ing 至 Aza	are Cosmo	os D8 sizing 至 Azure	VM(Oracle VM) 돺 Oracle sen	vers inventory details		
Cloud Migration Premium		🚊 Inventory deta	ils of Oracle Serv	vers (On-p	oremise)		Recommended	to Azure PostgreSql	Recommended to AzureVM	Recommended To CosmoD
Data Estate	~	2	3	3	3	2	1	0	0	1 0
SQL VCore	- 51	Oracle Servers Found	Oracle Instances	Ora	acle bases	Instances with End of support	#Server Single Server(Tier)	#Server Flexible Server(Tier)	Oracle VMs (Not in Postgre)	Hyperscale Server
SQL VCore (MLS)	- > -	() Cost Breakup		0	at 1	Azure PosgreSQL	Cost Summary Pay As Y	'ou Go		
SQL MI	- 22	1,7	62.73		Deployment Option		Tier	Service Count	Compute Cost	Storage Cost
🗧 🥞 SQL MI (MLS)		Total Co	Total Compute Cost		Single Server		Basic	o	0.00	0.00
SQL Elastic Pool		13	3.52		Single	Server	General Purpose	1	499.32	1.04
Secol Chantin David Alf	(P)	Total S	torage Cost		Single	Server	Memory Optimized	0	0.00	0.00
SQL Elastic Pool (Mi	.5)				Flexibl	le Server	Burstable	0	0.00	0.00
MySQL DB			0		Flexibl	le Server	General Purpose	0	0.00	0.00
PostgreSQL		Azure Postgr	esqL Backup Cost		Flexibl	le Server	Memory Optimized	0	0.00	0.00
Gracie-PostgreSQL		C	0.00						499.32	1.04
Onpremise Security	~	Total Or (Compute Co	ade vivi Cost ist + Storage Cost)		E Az	zure Cosmo <mark>s</mark> DB C	ost Summary(Hypersca	le Server)		
	~	1,8	96.25		Туре		Service	Count	Compute Cost	Storage Cost
Migration Arciet	232	To	tal Cost		Hypers	scale Server(Tier)	0		1,263.41	132.48

Figure 176: Cost Summary for Oracle to PostgreSQL



7.7 ON-PREMISES SECURITY 7.7.1 Cybersecurity

It provides Maturity Level associated with Critical Security Control (CSC) areas published by the Centre for Internet Security. There are 20 Cyber Security control domains decided by SANS 20, which analyse the maturity level of your IT environment. The maturity level is divided into four categories: Basic, Standardized, Rationalized, and Dynamic. Basic and standardized are decided by Cyber Security Solution present in the environment to further raise the maturity level. The user needs to ask some refinement questions to achieve further rationalized and dynamic maturity level. This report shows the count of anti-virus and anti-malware applications present in your environment. This report provides detailed description about Cybersecurity maturity level, End of Service Machine/SQL, Domain Structure, Integrated Security, Firewall and Antimalware services.

In the left panel of CloudRecon dashboard, click **Cybersecurity** under Onpremises Security tab. You will be redirected to the report with cybersecurity details and other parameters as shown in <u>Figure 177: Cybersecurity Details</u>



Figure 177: Cybersecurity Details



7.8 TOTAL COST OF OWNERSHIP (TCO)

7.8.1 TCO Assumption

In this page customer can save their global assumption for TCO and use this assumption for other inventories as well.

 In the left panel of CloudRecon dashboard, click **TCO Assumption** under TCO tab as shown in <u>Figure 178: TCO Assumption</u>

	nຶ	Tco Assumption						
Welcome, User		Tag Name	Date dd-mm-yyyy					Edit Saved Tag Name Please Select Tag Name
Demoinventory								
Upload Inventory		Category		1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year
Wew Dashboard								
1 Missing/Update Info		Hardware Cost		0	0	0	0	0
		Hardware Maintenance Cost		0	0	0	0	0
		Software (Linux)		0	0	0	0	0
Cloud Migration		Software (Windows)		0	0	0	0	0
Cloud Migration Premium		BizTalk		0	0	0	0	0
A		Electricity		0	0	0	0	0
Data Estate		SQL License Cost		0	0	0	0	0
Onpremise Security		SA (SQL License)		0	0	0	0	0
\$ тсо	~	SA (Windows License)		0	0	0	0	0
e		SA (Linux License)		0	0	0	0	0
Assumption	`	Oracle License		0	0	0	0	0
\$ тсо	``	Sa(Oracle)		0	0	0	0	0
		Virtualization Cost		0	0	0	0	0
() Support			Copyright © 2022 UnifyCloud	All rights reserved.	UnifyCloud Clo	udAtlas Confidentia		

Figure 178: TCO Assumption

7.8.2 TCO Analysis

TCO is a financial estimate which is used to describe the decision-makers on the cost associated with cloud computing services. TCO analysis determines capital expenses, operating expenses, and indirect costs. TCO calculator estimates and compares on-premises and Azure costs over a maximum period of five- years. The cost comparison is calculated based on all prospects such as the no. of servers, costing of the servers etc.

In the left panel of CloudRecon dashboard, click **TCO Analysis** under TCO tab.

You will be redirected to the report on cost comparison of on-premises data centre vs Azure cloud data centre as shown in <u>Figure 179: Total Cost of</u> <u>Ownership (TCO)</u>

1. TCO for laaS and laaS+PaaS (SQL)

TCO for IaaS and IaaS+PaaS main tab will consist of the following sub tabs:

On-Premises Vs. Azure tab





It shows the cost details of on-premises data centre with Azure data centre for a maximum period of five-years. The comparison signifies that Azure (cloud) data centre provides substantial cost savings than the on-premises data centre.

Servers tab

It shows the details of on-premises servers with their RAM size (GB), VM counts and number of Core (s). It also gives the details of cost being spent on the hardware, software and electricity being consumed by the on-premises servers.

Database tab

It gives the details of SQL and Oracle database and their licensing cost based on the running of different SQL and Oracle versions and editions.

Storage tab

The storage tab gives the details of disk type and storage which are being used by the listed computers.

Customer Input tab

The customer input tab list the details of server configuration with their operating system, along with the virtual servers, physical servers, total counts, and storage growth.

Benefits tab

This tab shows the migration benefit savings along with the breakdown of cost savings in Hardware, Software, Storage etc. with the growing years.

Migration tab

The migration tab shows the total cost being consumed during the migration of on-premises data centre when moved to the cloud. The migration cost consists of the time required in migration, hours spent in migration, per TB storage migration, internal consultant (hours) and project management cost of migration.

Cash flow tab

Based on business case the cash expanses being spent on cloud services has been calculated as per the formulas of NPV (Net Present Value) and IRR (Internal Rate of Return). The DP (Discounted Payback) signifies the period of discount in years.

Assumptions tab



UnifyCloud[™]

In the Assumption tab, whatever assumptions has been taken for calculating the cost are mentioned here.









2. **Oracle to PostgreSQL as PaaS in TCO:** CloudRecon portal also provides options for '**laaS+PaaS (PostgreSQL)**' in TCO. As shown in <u>Figure 180: Oracle to PostgreSQL as PaaS in TCO</u>



Figure 180: Oracle to PostgreSQL as PaaS in TCO





7.9 **MIGRATION ASSIST**

The Migration Assist section offers a list of updates that improve your migration experience. These reports give you a detailed analysis of your infrastructure and application migration process. The reports offered are Workload Priority Infrastructure and Wave Plan Infrastructure.

7.9.1 WORKLOAD PRIORITY INFRASTRUCTURE

The Workload Priority Infrastructure section provides a detailed analysis of the infrastructure migration assessment and an outline of VM's migration order according to ease of migration. Click on the "Workload Prior (Infra) Tab to access this section, as shown in the figure below. This section is divided into four categories – Overview, Infrastructure Workload Details, Workload Details, and Rules.

Overview Tab

In the Overview Tab, your organization's VMs will be sorted according to migration preference. 'Rehost' represents the most easily migrated machines and 'Retire' represents the non-migrating machines.

Rehost - Rehost effort moves a current state asset to Azure, with minimal changes to the overall architecture. It is synonymous with Lift & Shift migration and helps achieve rapid ROI in the organization's Cloud Investment.

Refactor - Refactor refers to the process of refactoring the code of existing assets to fulfil new business. opportunities. Refactoring is done to fit a PaaS-based model and helps achieve greater Cloud efficiency from a perspective of cost management and efficiency.

Re-Arch/Rebuild - Assets that cannot be supported on the Cloud, need to be re-architected to avail their functionality on the Cloud. This helps achieve application scale and agility and eases the adoption of Cloud capabilities.

Replace - These workloads can be scheduled for future replacement and can be set aside from the current migration efforts. Usually, a SaaS application can help establish functionalities for the hosted application.

Retain - Machines that need to be retained for their inability to migrate to the Cloud. Retainment helps avoid inefficiency and lack of functionality on the Cloud, until the application can be successfully migrated once the core functionalities are adopted to the Cloud.

Retire - Machines that cannot be adapted to the Cloud and hence, need to be retired.





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*		Cloud Journey -> Infra Discovery	Economics Assessment	Workload F	riority Migration Wave Pla	n App & Database Modernization	Cloud Foundation & Run Landing Zone	Book	Cloud Migration							
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Workload Prior(Infra)				Copyright © 20	122 UnifyCloud All rights reserv	ed. UnifyCloud CloudAlla	s Confidential.	11	Over Not Started Onavigate to CAF Portal <u>Click Here</u>							

Figure 181: Workload Priority Infrastructure

Infrastructure Workload Details Tab

In the 'Infra Workload Details' Tab, you can see various details such as source server list, infrastructure complexity, Workload Criticality IaaS, and Platform.

	Ð	≡			* Acto	sate Premium	Currence Last Updated or	y ; US Dollar (5 r 12/13/2022 6:02) 🕑 Reg	ion : US Ea	est 🚇 User (3uide -	🔹 🌲 🐋 🧐 🤰 Demo(Owner)
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Figure 182: Infrastructure Workload Details


Workload Details Tab

In the 'Workload Details' Tab, you can see infrastructure details sorted by database servers, application servers, Website applications, Enterprise servers, Middleware Servers, and Roles.

	8) 	≡					* Acti	vate Premium	Currency : 1 Last Updated on: 12	JS Dollar (\$) 13/2022 6:02:31	🕑 Regi	ion : US East	🖉 User G	uide 🖣	- 🌲 😒 🧟 Demo(i	Owner) 🗠
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En Workload Prior(Infra)	~					Convictu	6 2022 Hall-Cir	and All rights ran	enad 1 Unit/Ch		Confidentia				Over Not Started ONavigate to CAE Portal Click Here	

Figure 183: Workload Details

Rules Tab

In the 'Rules' Tab, you can get data about attributes on which the machines are ranked and grouped for migration.

	nຶ	≡				* Activate Pr	Currency : Last Updated on: 1	US Dollar (\$) 2/13/2022 6.02 31 Al	👷 Region : US East 🖉 User (Juide 🖣	🖡 🗣 🛂 🧵 Demo(Owner) ~
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Over a Dashboard		_							2 5	0	Economics Assessment
i Update Info		NO. of Connection	Complexity	Score		Migration	Complexity	Score	Important Information	Ĩ	✓ Lift & Shift Report ✓ Workload Modernize Report ✓ TCD Report
i Add/Missing Info		0.5	Low	60	~	Rehost	Low	60 .	No.of connection are	re 🥑 us d	C Workload Priority
OnPrem Inventory		6-10	Medium	40	~	Refactor	Medium	30	with other servers. Migration strategy u Enviorment defines of		 ✓ NetStat Data ✓ Software Install ✓ Roles & Feature Data
Cloud Migration		11 and above	High	20	~	Re-arch/Rebuild	High	10	EOS means end of su After applying these	0	🚱 Migration Wave Plan
A A		Envoirment	Complexity	Score		End of Support	(OS,SQL)		complexity and score		# Waves # Groups
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💠 Data Estate		Production	High	20	~	Not Ready	10				✓ Database Information ✓ Application Information
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Workload Prior(Infra)	,				Copyri	ant @ 2022 UnityCloud All	iahts reserved. UnityC	loud CloudAtlas C	Disk count having or		Over Not Started Overlage to CAP Portal Cick Here

Figure 184: Workload Priority Infrastructure Rules



7.9.2 WAVE PLAN INFRASTRUCTURE

The Wave Plan Infrastructure section provides insights into the Waves and Grouping of VMs according to migration order. Infrastructure Wave Plan analysis represents statistical data relating to the Waves and Grouping of VMs in order of ease of migration. This section is divided into four categories – Summary, Wave Plan Details, Waves and Groups, and Server Details.

Summary Tab

In the 'Summary' Tab, you get data relating to total number of servers, total groups of servers and total waves of servers. This data is sorted according to Server Complexity and Server Criticality. Source Server names are listed below with multiple data-points about the migration efforts.



Figure 185: Wave Plan Infrastructure Summary



Wave Plan Details Tab

The 'Wave Plan Details' Tab provides access to data such as Infrastructure Complexity, Workload Criticality IaaS, and Workload Criticality PaaS.

Welcome,		≡			* Activ	ate Premium	S Curren	cy : US Dollar (\$) on: 12/13/2022 10.25.15	Region :	US East 🗿 U	ser Guide 👻 🌲	۹ 🔮 (Demo(Owner)
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📤 Upload Inventory	~	Infra Wave Plan Analysis											
View Dashboard	,	Summary 💼 Wave Plan D	etails 🛱 Waves	and Groups 💼 Se	rver Details			Migration Appr	oach - Rehost	v)	Version-Recommo	nded 🖌 Sa	ve Version 1
1 Update Info	•	5R Analysis	-	163 Vms	Infrastructure Con	nplexity		Workload Crit	icality laaS		Workload Critics	ality PaaS	
i Add/Missing Info	•	🕺 Rehost 🛛 196		29171.99	No. of Connection 0-5	Complexity	Score 60	CPU&RAM% Avg 0-25	Complexity Low	Score 60	CPU&RAM% Avg 0-25	Complexity	Score 60
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OnPrem Inventory	~	및 Re-arch/Rebuild 1	Δ	845.55	Envoirment	Complexity	Score	CPU Count Limit	Complexity	Score	51 and above	High	20
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Workload Prior(Apps)	>	N	0	Copyrig	ht © 2022 UnifyClos	d All rights rese	ved. I Un	ifvCloud CloudAtlas	Confidential	-		Maria A	P

Figure 186: Wave Plan Details

Waves and Groups Tab

The 'Waves and Groups' Tab, you can find the grouping details of servers according to score and ease of migration. Priority of migration is based on nomenclature, where Group 1 machines will be migrated first, followed by Group 2 and Group 3 machines, as shown in the figure below.

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1 Upload Inventory	~	Infra Wave Plan Analysis												~
Wew Dashboard	,	🖺 Summary 💼 Wa	ive Plan Detail	s 💼 Waves an	d Groups 💼 Server Det	ails		Migration App	roach - Reh	ost	Version-	ecommended N	Save Versio	n 1
1 Update Info	~	Wave 1										#Group	3 #Server 49	
i Add/Missing Info	~	Group 1		Move To 🗸	Group 2		Move To 👻	Group 3		Move To 🗸				
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Cloud Migration Premium	*	MAP-12-0705.map.test. CONTOSO.COM	laaS	Dev/Test	POM-6V8E-09.CONTOS O.COM	laaS	Production	POM-6EX-13CAE-1.map ex-a-root13.com	laaS	Production				
Data Estate	*	POM-6V35-SP1-01.WA USA.CONTOSO.COM	laaS	Dev/Test	POM-6V8E-SP1-02.CON TOSO.COM	laaS	Production	POM-6SP07EMSS-3.CO NTOSO.COM	laa5	Production				
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Workload Prior(Apps)	>	Vorkload/Wave/DiaplanS arow#W/ww	100.3	Production	Copyright © 202	2 UnifyCloud	All rights reserve	d. UnifyCloud CloudAtla	s Confidentia	eroudcoon				

Figure 187: Waves and Groups





Server Details Tab

In the 'Server Details' Tab, you can search server names on the search box, to get complete details about specific servers that are part of the Waves and Groups of the migration process, as shown in the figure below.

Wiew Dashboard	>	★ Activate Premun Las Licensed en 2020/2021/12/5/19
1 Update Info		Cloud Journey -> Inita Discovery -> Estanomics -> Wankbad Pricely -> Migration Wave Plan -> Apr & Database -> Cloud Foundation & -> Cloud Foundation & -> Cloud Migration -> Cloud Migra
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OnPrem Inventory		infra Wavo Plan Analysis
Cloud Migration		Summary 🔝 Wave Plan Details 🖶 Waves and Groups 💼 Server Details
Cloud Migration Premium		
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Wave Plan(Apps)	>	
CAF workshop	>	
• 🔆 Landing zone	,	
Rules	,	
		Copyright © 2022 UnifyCloud All rights reserved. UnifyCloud CloudAtlas Confidential.

Figure 188: Server Details Search Box

Server Details such as Hardware Details, Workload Details, OS Name, Azure Pricing, Server Detail, Complexity, Criticality and Migration approach are displayed once a specific server name is searched for.

	★ Activate Premium SC Currency : US Dollar (5) ② Region : US East S User Clude → Let Updated on: 12/12/2022 10:26:19	🖡 😒 🔝 Demo(Owner) ~
Ψ	Cloud Journey -> Infra Discovery Economics Workload Priority Migration Wave Plan App & Database Cloud Foundation & Run Book Landing Zone Run Book	Cloud Migration
Demo	♦ Wave Plans Infra Infa Wave Plan Analysis	
DnlyDemo		
📤 Upload Inventory	Summary 🖬 Wave Plan Details 🖬 Waves and Groups	Save Version 1
View Dashboard	Select Server Name : MAP-12-0705.map.test.CONITOSO.COM	
i Update Info		
1 Add/Missing Info	🔁 Hardware Detail 🔗 WorkLoad Detail	👬 No of Connection: 🧿
OnPrem Inventory	Core 1 CPU % 1.64000000000000 3 Tag Other_Wirk.MySQL	
Cloud Migration	Ram 3.30371 Ram % 46.43	
	Storage 126.66 VM Type Windows	
Cloud Migration Presilum	Nic Count 0 Joint 1 S Complexity Criticality	
🗘 Data Estate	🖏 OS Name 🍰 Azure Pricing Infra_complexity Low WorkLoad_Criticality Medium	
Onpremise Security	Type Windows Compute 17.52 Score 60 Score 40	
\$ TCO .	Microsoft Window Server Storage 0.19 Complexity Factor NoOfConnection Critical Factor Storage	
📥 Migration Assist	Microsoft Windows Server 2012 Standing Zone 1.18 Ease of Magration(Total Score) 100 Datacenter 1.18	
	End of Support No in Migration Approach	
Workload Prior(Infra)	Copyright © 2022 UnifyCloud All rights reserved. UnifyCloud CloudAttas Confidential.	

Figure 189: Server Details



7.9.3 WORKLOAD PRIORITY APPLICATION

The Workload Priority Application section provides a detailed analysis of the application migration assessment and an outline of your cloud migration journey status. This section is divided into six categories – 5 R Analysis, Apps Workload Details, Apps Readiness, App Details, Other Workloads & Rules. Click on the 'Workload Prior (Apps)' to access this section, as shown in the figure below.

		🕥 License Expires in : 1038 days 🔊 Currency : US Dollar (\$) 🛛 👰 Region : US East 🝙 User Guide 🗸 🌲 🙊 🧟 Sourabh (Admin) *
Upload Inventory		Cloud Journey - Infra Discovery Economics Worksoad Priority Migration Wave Plan App & Database Cloud Foundation & Run Dook Cloud Migration
🚯 View Dashboard		Kosesineit Kosemizaion Lanong zone
i Update Info		C Workload Priority Apps & Download App Template & Upload Template & Upload Template & Upload Template &
1 Add/Missing Info		E SR Analysis DApps Worldoad Details D Apps Readiness 🚸 App Details 🚸 Other Workloads 🔢 Rules
OnPrem Inventory		
Cloud Migration		Application Migration Strategy
		Rehost 409 0 Show 10 v entries Search:
Cloud Migration Premium		App Name 11 Migration Approach 11
Data Estate		AdBiocker Refactor
~		590 AngularGasBilling Rehost
Onpremise Security		Total Apps
\$ тсо		Apps Rehost
•		Replace 0 0
合 Migration Assist		Assertagister Refactor
Workload Prior(Infra)		Addryzia Pertosa Perto
,		BizOnlineIntra Rehost
네 Wave Plan(Infra)		Retire 0 0 BicOnlineWeb Rehost
(물 Workload Prior(Apps)		Previous 1 2 2 4 5 59 Next
🛱 Wave Plan(Apps)		showing 1 to 10 of 500 entries
Wave Plan(Databas		
	``	Copyright @ 2023 UnifyCloud All rights reserved. UnifyCloud CloudAtlas Confidential.

Figure 190: Workload Prior (Apps)

5 R Analysis

The goal of Five R Analysis in a cloud environment is to maximize the benefits of cloud and minimizing costs to improve resource utilization. Under the Migration Assist left side-menu, click on "Workload Prior Apps" to access this feature, as shown in Figure 5B.

Rehost: This is the simplest migration strategy, where the application is moved to a new environment without making any changes to the code or architecture.

Refactor: This involves making changes to the code or architecture to optimize it for the new environment, while retaining the existing functionality of the application.

Rebuild: This strategy involves completely rebuilding the application from scratch, taking advantage of new technology and architecture patterns.

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Replace: This involves replacing the existing application with a different solution that provides equivalent functionality.

Retire: This strategy involves retiring the application, either because it is no longer needed or because a viable substitute has been found.

Retain: In some instances, it might be advisable to retain the application on premises due to the nature of the application itself, the investment required to modernize or very specific or specialized compliance and regulatory requirements that might not yet be available in the cloud.

		🔁 🕐 License Expires in : 1038 days 🚳 Currency : US Dollar (\$) 🛛 🛞 Region : US East 🝙 User Guide 🗸 🐥 😒 🔔 Sourabh (Admin)
- Opload Inventory		Cloud Journey - Infra Discovery Economics Workload Priority Migration Wave Plan App & Database Cloud Foundation & Run Book Cloud Migration
View Dashboard		
1 Update Info		Cig Workload Priority Apps & Upload Template & Upload Template & Upload Template
1 Add/Missing Info		🗜 SR Analysis 🗊 Apps Workload Details 💿 Apps Readiness 🚸 App Details 🚸 Other Workloads 📳 Rules
OnPrem Inventory		
Cloud Migration		Application Migration Strategy
		All Show 10 - entries Search:
Cloud Migration Premium	*	App Name IL Migration Approach IT
Data Estate		AdBlocker Refactor
		AngularGas8illing Rehost
Onpremise Security		Total Apps • ReActivities 0 0 Apps • Rehost
\$ TCO		Apps Rehost
•		Replace 0 0 Ask/T Rehost
🛖 Migration Assist		Assertagister Refactor
		Retain 13 0 Retain Autorycian Add Autorycian Add Autorycian Add Autorycian Add Autorycian Autorycian
workload Phor(Inira)		uccontributora Rebot
● 📲 Wave Plan(Infra)		Retire 0 0 Bit2OnlineWeb Rehost
(Workload Prior(Apps)		Showing 1 to 10 of 590 entries Previous 1 2 3 4 5 59 Next
 Register Wave Plan(Apps) 		
Wave Plan(Database		

Figure 191: Workload Priority Application (5R Analysis Tab)



Application Workload Details

In the 'Apps Workload Details' Tab, you can see Application Workload Details. Application workload details refer to the specific information about the resource requirements and characteristics of an application that are necessary for efficient and effective resource allocation. Click on the Apps Workload Details Tab, as shown in the figure below.

1 Upload Inventory		Cloud Journ	ey 🔶 🛛 Inf	ra Discovery	Econor Assessr	nics W nent	orkload Pri	ority Mig	ation Wave Pla	n App & Da Moderni	itabase zation	Cloud Foundation & Landing Zone	Run t		Cloud Migration	
🚯 View Dashboard		Apps Migration	oad Priorit	y Apps					Migr	ation Approach -	Rehost	✓ ▲ Do	wnload App Ter	nplate 🕹 Up	load Template	
1 Update Info			Analysis	Anne Worl	load Datails	🗟 Anne R	avliness	dills are	Details	diff: Other Mad	shoote	Parlas				
1 Add/Missing Info				Genepo non							_			_		_
OnPrem Inventory		5	90	409		168		0		0		13		590		0
Cloud Migration		То	tal	Rehos	t	Re-Factor		Re-arch/R	sbuild	Replace		Retain/Retire		n Scope	Out	Scope
Cloud Migration Premium		Show 10	✓ entries											Search:		
Data Estate		н	WebApp Name	Machine Name	Instances	Application Platform	Tier ⊥†	Category	Migration Approach	Update Approach	App Complexity	Infra Complexity	Workload Criticality	Compute Cost(PayG)	Landing Zone Cost	Storage Cost
Onpremise Security			Default Web Site	VIRTAPP537S	1	ASP.NET	App	Medium	Rehost	Select 🗸	Medium	High	Medium	137.24	27.79	48.00
\$ тсо			Default Web Site	VIRTAPP938S	1	ASP.NET	Арр	Medium	Rehost	Select 🗸	Medium	High	Medium	237.98	41.46	38.40
Migration Assist	~		TradingAPI	VIRTIIS337S	1	ASP.NET	Арр	Medium	Rebost	Select 🛩	Medium	High	Medium	118.99	19.29	9.60
Workload Prior(Infra)	,		Default Web Site	VIRTIIS337S	1	ASP.NET	Арр	Medium	Rehost	Select 🛩	Medium	High	Medium	118.99	19.29	9.60
• 🕪 Wave Plan(Infra)	>		Default Web Site	VIRTAPP917S	1	ASP.NET	Арр	Medium	Rehost	Select 🗸	Medium	High	Medium	118.99	18.93	7.20
(B Workload Prior(Apps)	,		Default Web Site	VIRTTST740S	1	ASP.NET	Арр	Medium	Rehost	Select 🛩	Medium	High	Medium	118.99	18.93	7.20
Wave Plan(Apps)	>		OpenManage Essentials	VIRTAPP2183S	1	ASP.NET	App	Medium	Rehost	Select 🗸	Medium	High	Medium	118.99	21.45	24.00
Wave Plan(Database	;)		Default Web	VIRTAPP2183S	1	ASP.NET	Арр	Medium	Rehost	Select 🗸	Medium	High	Medium	118.99	21.45	24.00

Figure 192: Application Workload Details

App Readiness

The "Apps Readiness" section provides various details relating to the compatibility and readiness for deployment on a specific platform or environment. Click on the Apps Readiness Tab as shown in the figure below.

🛓 Upload Inventory	~	Cloud Journey >	Infra Discovery	Econo Assess	mics Workload Provity Migration Wave Flam App & Database Cloud Foundation & Ran Book Cloud M Moderstration Cloud Foundation & Ran Book Cloud M	gration
Wew Dashboard	>	Apps Migration Analysis	riority Apps		Migration Approach - Rehost v Anovaliand App Template Lupicad Tem	nplate 👔
Update Info	~	🚁 SR Analysis	D Apps	Workload Details	Apps Roudiness Imp Details Imp Other Workloads Imp Other Workloads	
Add/Missing Info	~	Show 10 🗸	entries		Search:	
OnPrem Inventory	~	WebApp Name	Computer Name	WebApp Readiness	Readiness Issues Migration Cloud Target Approach Readiness Anne IT Service	Comment
Cloud Migration	~	AdBlocker	VIRTIIS3155	Ready With Conditions	AuthCheck Relactor Ready Paa'S Azure App Service	MissionCritical
Cloud Migration Premium	* *	AngularGasBilling	VIRTIIS3405	Ready With Conditions	TcPortCheck Ready lado Acater Virtue Muchine	In This Server one or more application an running in
Onpremise Security	~	APIServerLocal	VIRTIIS356S	Not Ready	TcpPortCheck.AppPooldentityCheck Ready Lass Azure Virtua Machine	Rehost al N/A
	~	Apps	VIRTTST472S	Not Ready	AuthCheck,AppPoolCheck,AppPoolIdentityCheck,LocationTagCheck,GlobalModuleCheck Rehost Ready IaaS Azure Virtue Machine	al N/A
Migration Assist	* 	AskiT	VIRTTST461S	Ready With Conditions	AuthCheck,GlobalModuleCheck Ready IaaS Azure Virtue Machine	In This Server one or more application are running in Rehost
(Workload Prior(Apps)	,	AssetRegister	VIRTIIS2072S	Ready	N/A Refactor Ready PaaS Azure App Service	MissionCritical
Wave Plan(Apps)	;)	Authy2fa	VIRTIIS3405	Ready With Conditions	TcpPortCheck Ready lasS Azure Virtu Machine	al In This Server one or more application are running in Rehost

Figure 193: App Readiness Details





App Details

In the "App Details' Tab, you can search individual applications and retrieve information about them, as shown in the figure below.

CloudRecon®	Cloud Journey - Infla Discovery Economica Assessment Wondoad Priority Me	ration Wave Plan App & Database Cloud Foundation & Landing Zone	Run Book Cloud Migration
Welcome, Sourabh	C Workload Priority Apps		🔺 Download App Template 🕹 Upload Template 😥
Test_6R_analysis	Apps Worldoad Details 🗊 Apps Readiness 🕪 App Details	Other Workloads Interview Rules	
🕹 Upload Inventory 🗸 🗸	Select App Name : AssetRegister	Q Select Server: VIRTI	52072S ×
View Dashboard			
i Update Info 🗸 🗸	Application Info		SAVE
i Add/Missing Info v	And and a Database		
SonPrem Inventory -	Application Details Application Name Status	Business Owner	Function
Cloud Migration ~	AssetRegister Active ¥	Michael Clark	Call Center
Cloud Migration Premium ~	Region # of Users	User Base	IT Owner
💠 Data Estate 🗸 🗸	US 20	Accounts Receivable	Cailey
Onpremise Security ~	Support Lead / PM Support Type Calley . Michelle Custom App		
\$ тсо 🗸	Application Description		
🖕 Migration Assist 🗸 🗸	Facilitates user defined visibility into the MRI Accounts Receivable (AR) status of a property /	portfolio.	
Workload Pricr(Infra)	The system also highlights to the user the balances and details of the outstanding AR accou	/IS. /	
of∯⊨Wave Plan(Infra) →	Technical Information		
(B Workload Prior(Apps) >	Application Server IP Development Language	Dataloase Server	Database Name
Wave Plan(Apps)	Copyright © 2023 UnifyCic	ud All rights reserved. UnifyCloud CloudAllas Confidential.	

Figure 194: App Details

Other Workloads

There are several types of application workloads that can place different demands on computing resources. In the 'Other Workloads' Tab, you can retrieve information about other application workloads, as shown in the figure below.

2 Upload Inventory	Workload Prio Apps Migration Analysis	rity Apps	M	gration Approach - Rehost 🗸 🗸	Download App Template
Wiew Dashboard		Anna Washingd Datain	Anna Readiance diffe Ann Details	ditte Catalon Mandalanda	~
i Update Info	Show 10 v entri	es	Apps readiness	High Other Workloads	Search:
i Add/Missing Info	Computer Name	11 No. Of Instances	11 Enviornment	UT Workloads	11 Migration Approach 11
OnPrem Inventory	VIRTIIS2995	4	Production	File Server, Storage Ser Apps	ver, IIS, Custom Web Retain
Cloud Migration	VIRTIIS2995	4	Production	File Server, Storage Ser Apps	ver, IIS, Custom Web Retain
Cloud Migration Premium	VIRTIIS2995	4	Production	File Server, Storage Ser Apps	ver, IIS, Custom Web Retain
💠 Data Estate	VIRTIIS3155	4	Production	File Server, Storage Ser Apps	rer, IIS, Custom Web Retain
Onpremise Security	VIRTIIS3155	4	Production	File Server, Storage Ser Apps	rer, IIS, Custom Web Retain
\$ TCO	VIRTIIS3155	4	Production	File Server, Storage Ser Apps	rer, IIS, Custom Web Retain
-	VIRTIIS3595	4	Production	File Server, Storage Ser Apps	rer, IIS, Custom Web Retain
Workload Prior(Infra)	VIRTIIS3595	4	Production	File Server, Storage Ser Apps	rer, IIS, Custom Web Retain
• ••••••••••••••••••••••••••••••••••••	VIRTIIS3595	4	Production	File Server, Storage Ser Apps	rer, IIS, Custom Web Retain
(B Workload Prior(Apps)	> VIRTIIS360S	4	Production	File Server, Storage Ser Apps	rer, IIS, Custom Web Retain
Wave Plan(Apps)	> Showing 1 to 10 of 13 en	tries			Previous 1 2 Next
Wave Plan(Database)					
			Copyright © 2023 UnifyCloud All rights res-	erved. UnifyCloud CloudAtlas Confidential.	

Figure 195: Other Workload Details





Rules

In the 'Rules' Tab, you can get data about attributes on which the machines are ranked and grouped for migration, as shown in the figure below.

Upload Inventory	~	Cloud Journey	nfra Discovery	conomics ssessment	v	Norkload Priority Migration	Wave Plan App Mo	& Database demization	Cloud Foundation & Run Book Cloud Migration
Wew Dashboard	>	CE Workload Priority Apps							Lowmload App Template Lupload Template
Update Info	~	Apps Migration Analysis							
Add/Missing Info	~	👫 SR Analysis	Apps Workload Deta	ails	Apps F	Readiness 🐠 App Det	etails 🐠 Other Workloads		Rules
OnPrem Inventory	~								Save & Re-Calculate DReset To Default
Cloud Migration	~	Workload Priori	ty Apps						
Cloud Migration Prenium	Ţ	Category	Criticality	Score		Instance Count Limit	Criticality	Score	Omportant Information
		Madium	Low	60	×	0-5	Low	60	 In Workload Priority Apps we consider category of Machine and measure its complexity. A with the Core of the provided the Machine Description Appendix
Data Estate	ř	wediam	Medidin	40	×	3-10	Medium	40	 Available Const on each server where workload Priority Apps is installed. Test dashe are a set as a server where Workload Priority Apps
Onpremise Security	~	Critical	High	20	~	11 and above	High	20	 Total databases on each server where workload Priority Apps is installed.
	~	Migration	Complexity	Score					 After applying these all factors we calculate workload criticality App and score for migration strategy.
		Rehost	Low	70	~				
Migration Assist	ř	Refactor	Medium	30	~				
 B Workload Prior(Infra) 	*	Rearchitect	High	10	~				
● ••••• Wave Plan(Infra)		Retain							
Ca Workload Prior(Apps)	· - >								
Wave Plan(Apps)									
Wave Plan(Database	≥)								
	> .				Conv	right @ 2023 Linify Cloud All righ	te reserved - L Uniful	Cloud CloudAt	the Confidential

Figure 196: Rules



7.9.4 WAVE PLAN APPLICATION

The Wave Plan Application Tab on CloudRecon helps users simplify the migration process by breaking it down into manageable phases, or "waves," and providing a structured approach to executing each wave. Using a wave planning application can help organizations minimize downtime, reduce costs, and avoid potential issues such as performance degradation, security vulnerabilities, and data loss during the migration process. This section is divided into three categories – Summary, Wave Plan Details, Wave Groups.

Summary

In the 'Summary' Tab, you get data relating to total number of applications, total groups of applications, and total number of servers. You also get details relating to the total number of waves and groups of applications. Click on the Summary Tab under Wave Plan Apps, as shown in the figure below.



Figure 197: Wave Plan Application Summary





Wave Plan Details

The 'Wave Plan Details' Tab provides access to data such as Application and Infrastructure Complexity, Workload Criticality, Machine Names and Migration Approach. Click on the Wave Plan Details Tab, as shown in the figure below.

- reaconconnoyara		A Maya Dian /												
1 Upload Inventory	~	Apps Wave Plan Analysi	s s											
Wiew Dashboard	•	Summary	💼 Wave P	1an Details	4 Wave	Groups			Migration App	roach - Rehost	~ Vers	ion- Recomn	nended 🗸	Save Version 1
1 Update Info	~	Show 10 V	entries									Search		
1 Add/Missing Info	~	WebApp	Machine	Instances	Tier	Category	Migration	Update	Арр	Infra	Workload	Wave	Group	Already
OnPrem Inventory	•	Name 11	Name 11				↓† Appraoch	Appraoch 1	Complexity 1	Complexity 1	Criticality			In II
Cloud Migration	~	AngularGasBilling	VIRTIIS340S	1	Арр	Medium	Rehost	Select 🗸	Medium	High	Medium	2	2	W2G2
Cloud Migration Premium	J	APIServerLocal	VIRTIIS356S	1	Арр	Medium	Rehost	Select 🛩	Medium	High	Medium	2	2	W2G2
· Cious migration		Apps	VIRTTST472S	1	Арр	Medium	Rehost	Select 🖌	Medium	High	High	3	3	W3G3
Data Estate	~	AskIT	VIRTTST461S	1	Арр	Medium	Rehost	Select 🗸	Medium	High	High	4	1	W4G1
Onpremise Security	~	Authy2fa	VIRTIIS340S	1	Арр	Medium	Rehost	Select 🖌	Medium	High	Medium	2	2	W2G2
\$ тсо	~	BizOnlineApi	VIRTIIS2395	1	Арр	Medium	Rehost	Select 🛩	Medium	High	High	4	3	W4G3
Migration Assist	~	BizOnlineIntra	VIRTIIS2395	1	Арр	Medium	Rehost	Select 🛩	Medium	High	High	4	3	W4G3
Workload Prior(Infra)	•	BizOnlineWeb	VIRTIIS239S	1	Арр	Medium	Rehost	Select 🗸	Medium	High	High	4	3	W4G3
• () Wave Plan(Infra)	•	blockip.com	VIRTAPP2209S	1	Арр	Medium	Rebost	Select 🖌	Medium	High	Medium	2	2	
Workload Prior(Apps)		BOL	VIRTIIS340S	1	Арр	Medium	Rehost	Select 🖌	Medium	High	Medium	2	2	W2G2
Wave Plan(Apps)		Showing 1 to 10 of 4	09 entries								Previous 1	2 3	\$ 5	41 Next
Wave Plan(Database)													
	-					Convright @	2023 UnifyCloud All rig	hts reserved Uni	fvCloud CloudAtla	s Confidential				

Figure 198: Wave Plan Details

Wave Groups

The 'Wave Groups' Tab, you can find the grouping details of applications according to score and ease of migration. Priority of migration is based on nomenclature, where Group 1 applications will be migrated first, followed by Group 2 and Group 3 machines. Click on the Wave Groups Tab, as shown in the figure below.

View Dashboard	*	Summary	Wave Plan	Details 🐠 W	ave Groups			Migration Approach -	Rehost	Version-Recommen
Update Info	~	Wave 1								#Group
Add/Missing Info	~	Group 1		Move To 👻	Group 2		Move To 👻	Group 3		Move To +
OnPrem Inventory	~	Web App	Server	Already Moved In	Web App	Server	Already Moved In	Web App	Server	Already Moved In
Olavel Manadara		Default Web Site	VIRTAPP537S	-	SPAPPS	VIRTAPP539S	-	Default Web Site	VIRTAPP324S	-
Cioud Migration	Ť	Default Web Site	VIRTAPP938S		Default Web Site	VIRTAPP539S	W1G2	Default Web Site	VIRTAPP926S	
Cloud Migration Premium	*	TradingAPI	VIRTIIS337S		Default Web Site	VIRTIIS351S	-	Default Web Site	VIRTIIS348S	1
Data Estate		Default Web Site	VIRTIIS337S	W1G1	Default Web Site	VIRTAPP776S		Default Web Site	VIRTIIS353S	*
		Default Web Site	VIRTAPP9175		Default Web Site	VIRTTST2113S		FPMWeb	VIRTIIS343S	
Onpremise Security	~	Default Web Site	VIRTTST740S		Default Web Site	VIRTAPP6865	A	Default Web Site	VIRTIIS343S	W1G3
	•	OpenManage Essentia	Is VIRTAPP2183S	-	Default Web Site	VIRTTST828S	-	Default Web Site	VIRTIIS369S	-
		Default Web Site	VIRTAPP2183S	W1G1	Default Web Site	VIRTTST666S-RGB		Default Web Site	VIRTTST667S-HDSA	
Migration Assist	~	Default Web Site	VIRTIIS394S		Default Web Site	VIRTTST2217S		Default Web Site	VIRTAPP448S	-
Renderational Prior(Infra)	•	Default Web Site	VIRTIST764S	-	ElPricing	VIRTIIS182S	с.	Default Web Site	VIRTAPP1035S	-
ath more recorded.		Default Web Site	VIRTIIS316S	•	Default Web Site	VIRTIIS182S	W1G2	VolatilityToolDevOffline	VIRTIIS330S	
wile wave man(uma)		Condeco_PRD	VIRTIIS316S	W1G1	Default Web Site	VIRTIIS358S	а.,	VolatilityTooIDEV	VIRTIIS330S	W1G3
Workload Prior(Apps)	*	Default Web Site	VIRTAPP930S	-	Default Web Site	VIRTAPP571S	-	Default Web Site	VIRT/IS3305	W1G3
Wave Plan(Apps)					Default Web Site	VIRTTST734S		Default Web Site	VIRTTST771S	-
					Default Web Site	VIRTIIS333S		Default Web Site	VIRTIIS321S	

Figure 199: Waves and Groups



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8. Feedback

For any feedback, click Contact support at the top right side of feedback page as shown in <u>Figure 200: View Dashboard – Feedback</u>

CloudRecon®	=				🛆 Cus	tom Template	Contact support	DemoUser(Owner) ~	
Welcome, DernoUser	User Management CoveRecort -Access and Member Phase								
GENERAL	Active User (1)	Invited User (1)							
lupload Inventory 🗸 🗸	Active Users								
🗱 Azure Migrate 🗸 🗸									
Mew Duchhourd	First Name	Last Name	Email ID	Company	Role	Active Date		Action Item	
NEW VIEW Dashboard 2					Customer	10/23/2019 5:22:13 A	М	C≇ Edit	
醟 User Management >									

Figure 200: View Dashboard – Feedback

F	eedback page appears a	as shown in <u>Figure 201: Feedback</u>
CloudRecon®	=	🔊 Carmency: US Dollar (5) 🙎 Region: US East Search anything. 🔍 🥔 🦧 💘 💌 🏋 😒 🗮 🔔 Demodser(Owner)
Welcome, DemoUser		
GENERAL Lupicad Inventory ~	Your Feedback is important to us Your Email address Demo@unifycloud.com	
View Dashboard >	Your Phone No. Your Phone No.	
Missing Info OnPrem Inventory	Subject Enter Subject	
♦ Cloud Migration ✓	Select Problem Type [Select]	
Data Estate Onpremise Security	Description	
\$ тсо ~	Submit	
🖀 Others 🗸 🗸		
		(⑦) Support

Figure 201: Feedback



1. Enter all the details as shown in Figure 192: Feedback – Problem Type



Figure 192: Feedback – Problem Type

2. Click **Submit**.