



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 OVERVIEW

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](#).

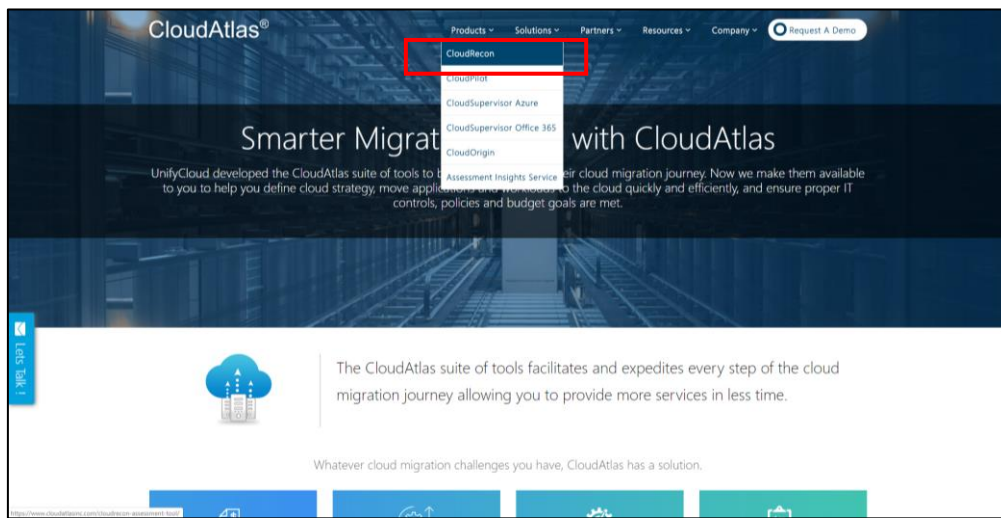


Figure 1: CloudAtlas - Home Page

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](#).

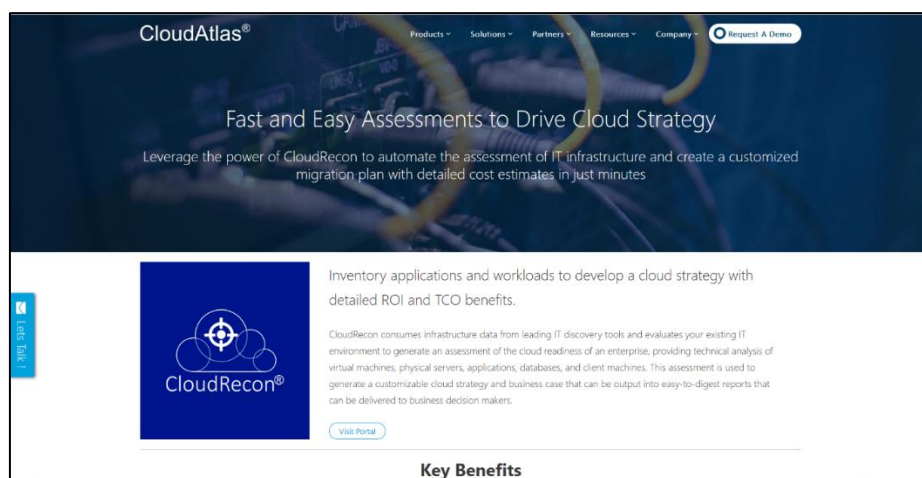


Figure 2: CloudRecon Assessment Tool

5. Click on **Request a Demo** button as shown in [Figure 3: Request Demo](#)

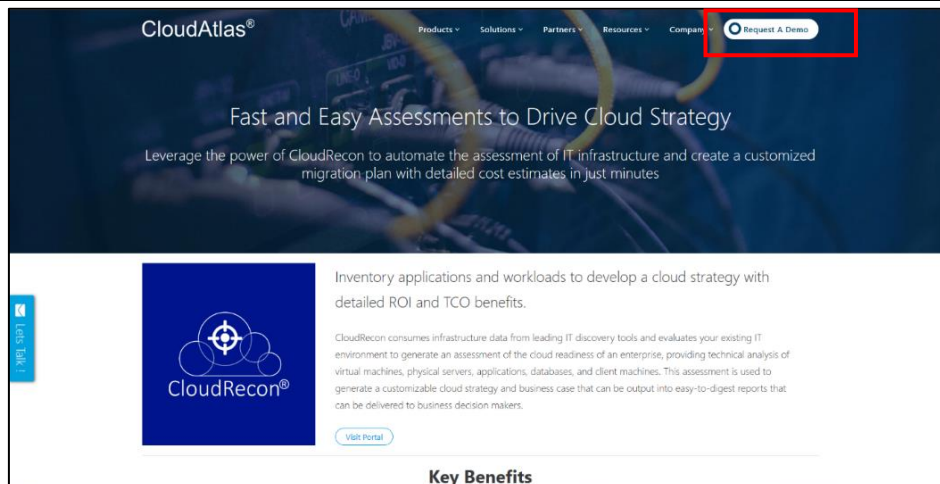


Figure 3: Request Demo

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.

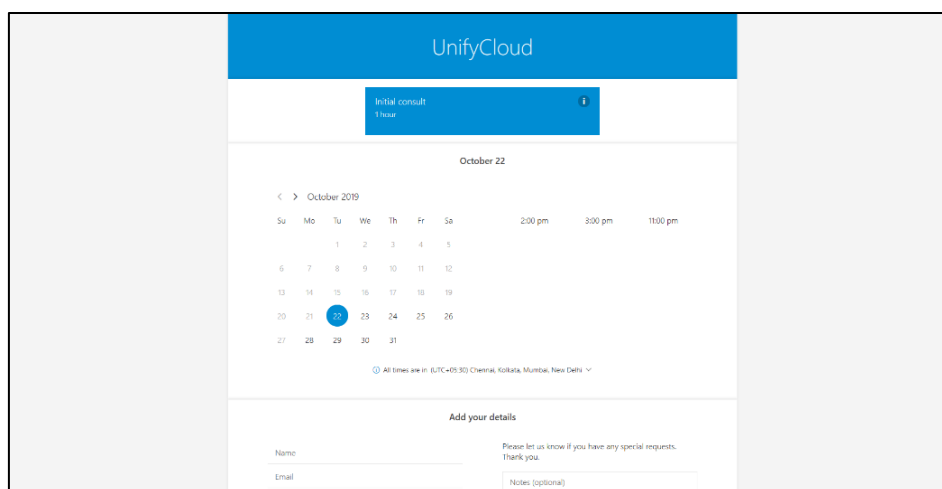


Figure 4: Schedule Demo

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 [Figure 5: CloudRecon Tool](#).

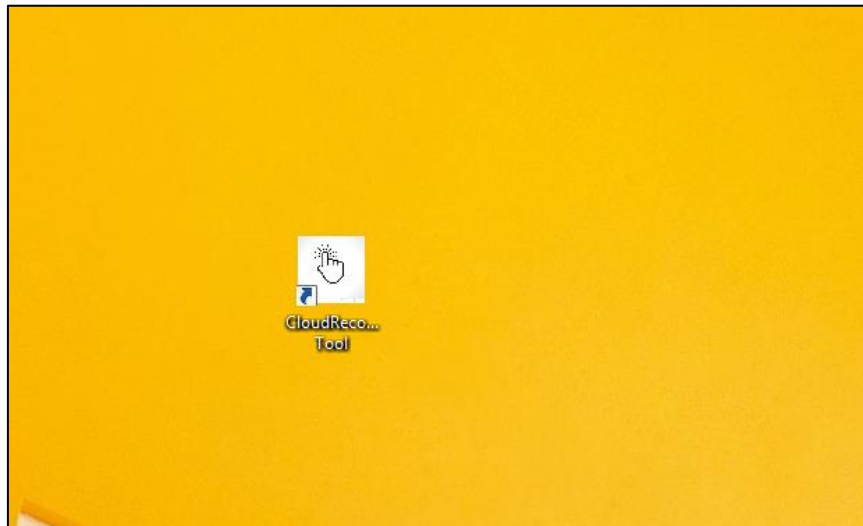


Figure 5: CloudRecon Tool

Double-click on CloudRecon icon, You will get the CloudRecon Client application start page as shown in [Figure 6: CloudRecon Client Application](#).

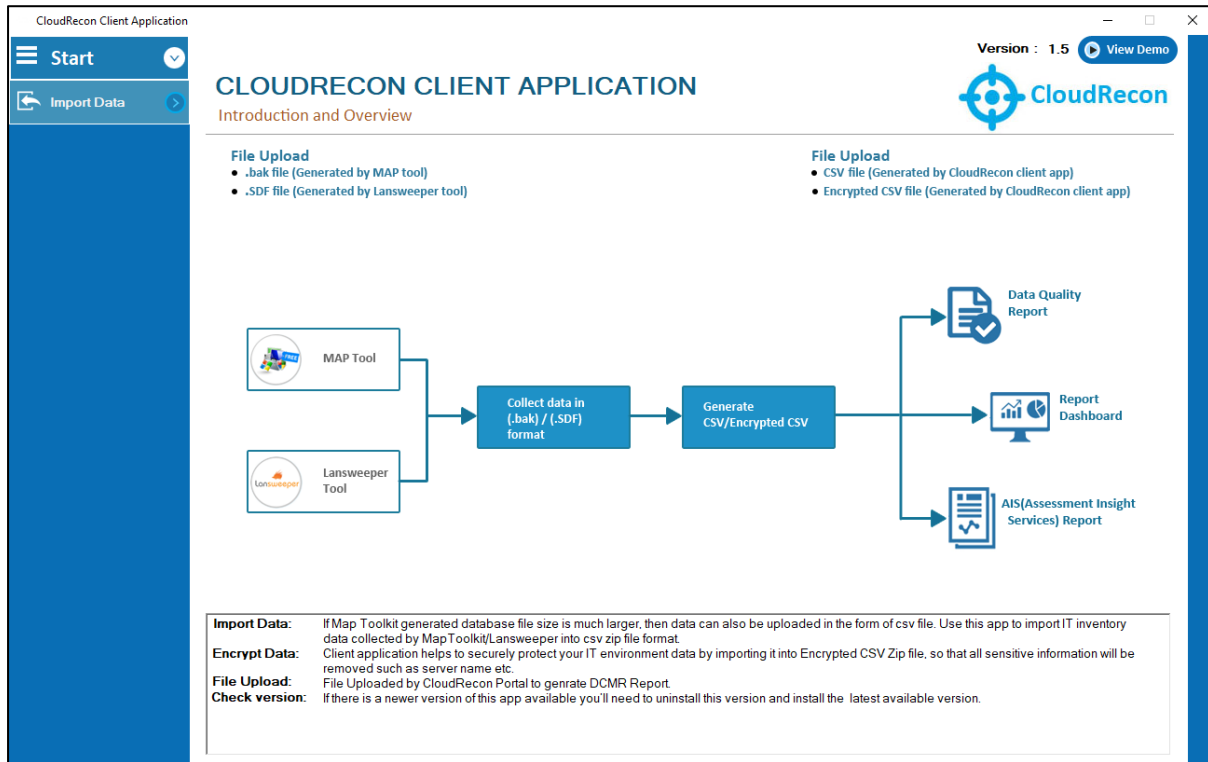


Figure 6: CloudRecon Client Application

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 [Figure 7: Import Data](#).

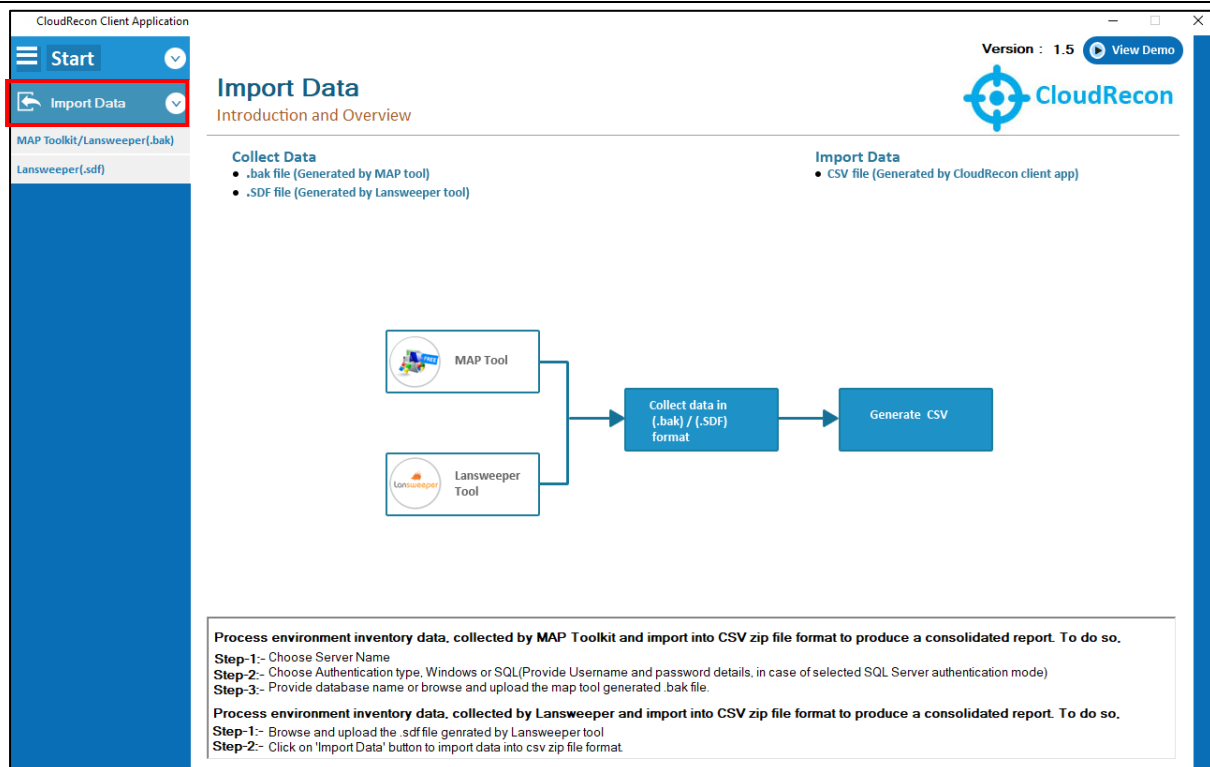


Figure 7: Import Data

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.

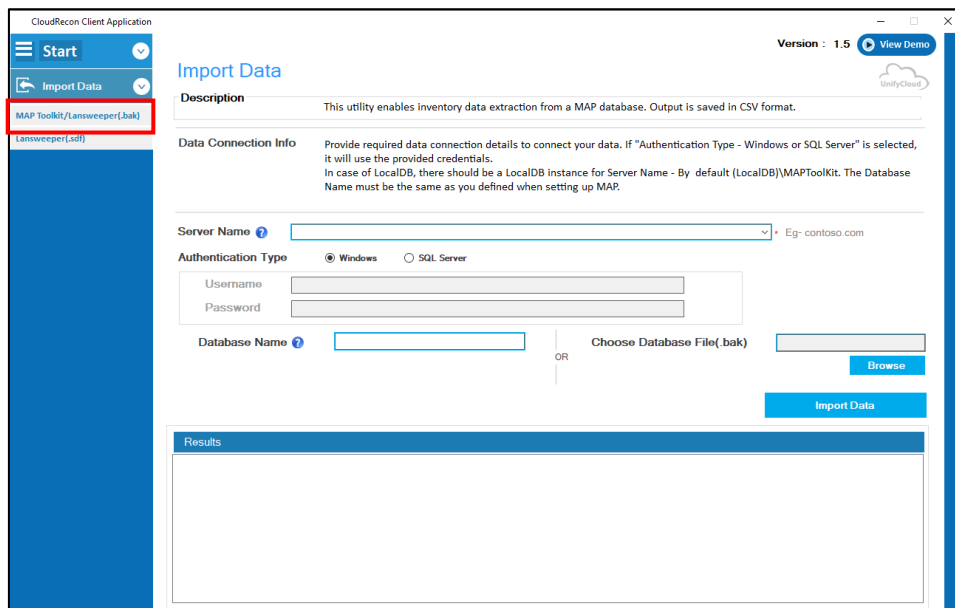


Figure 9:MAP Toolkit/Lansweeper (.sdf)

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](#).

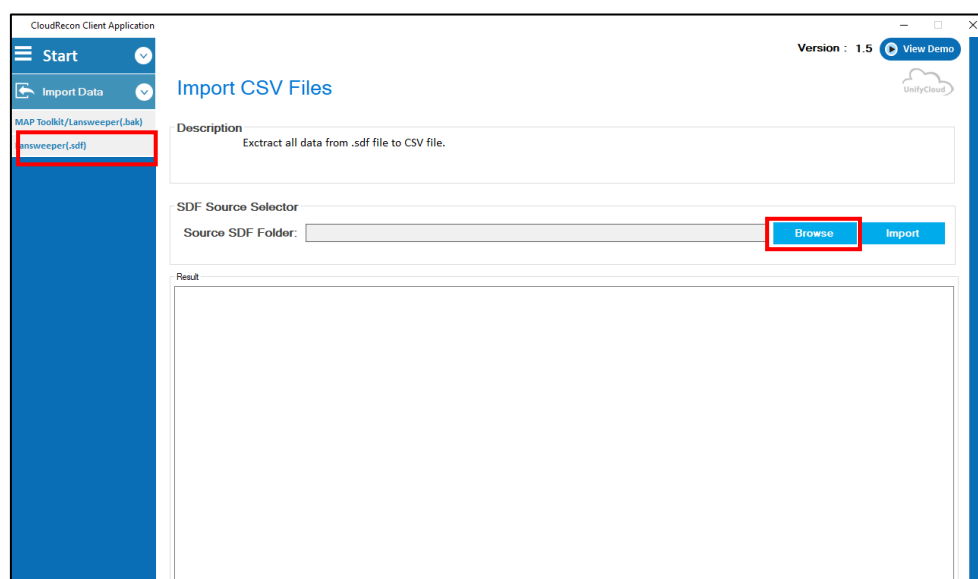


Figure 9: Lansweeper (.sdf) Import Data

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 [Figure 10: Encrypt Data](#).

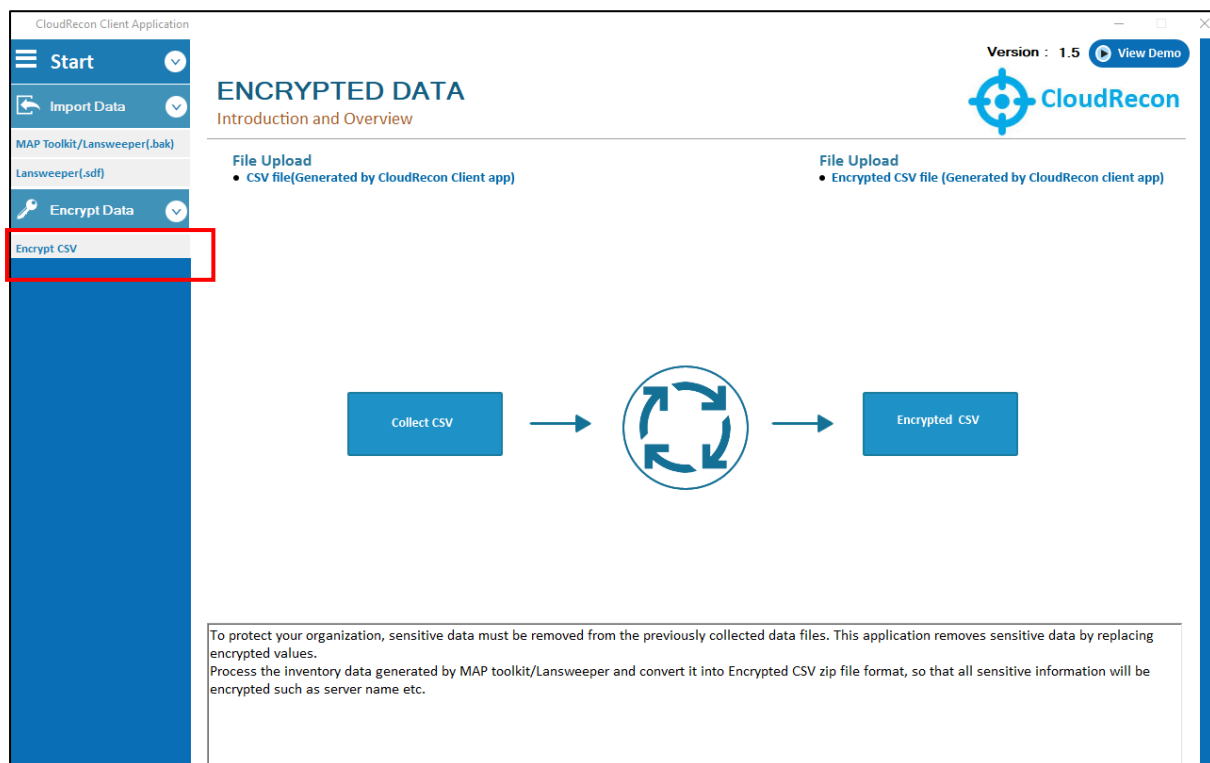


Figure 10: Encrypt Data

2. Enter the Source CSV folder path and Click **Encrypt CSV** to encrypt the CSV file. Refer to [Figure 11: Encryption of CSV files](#).

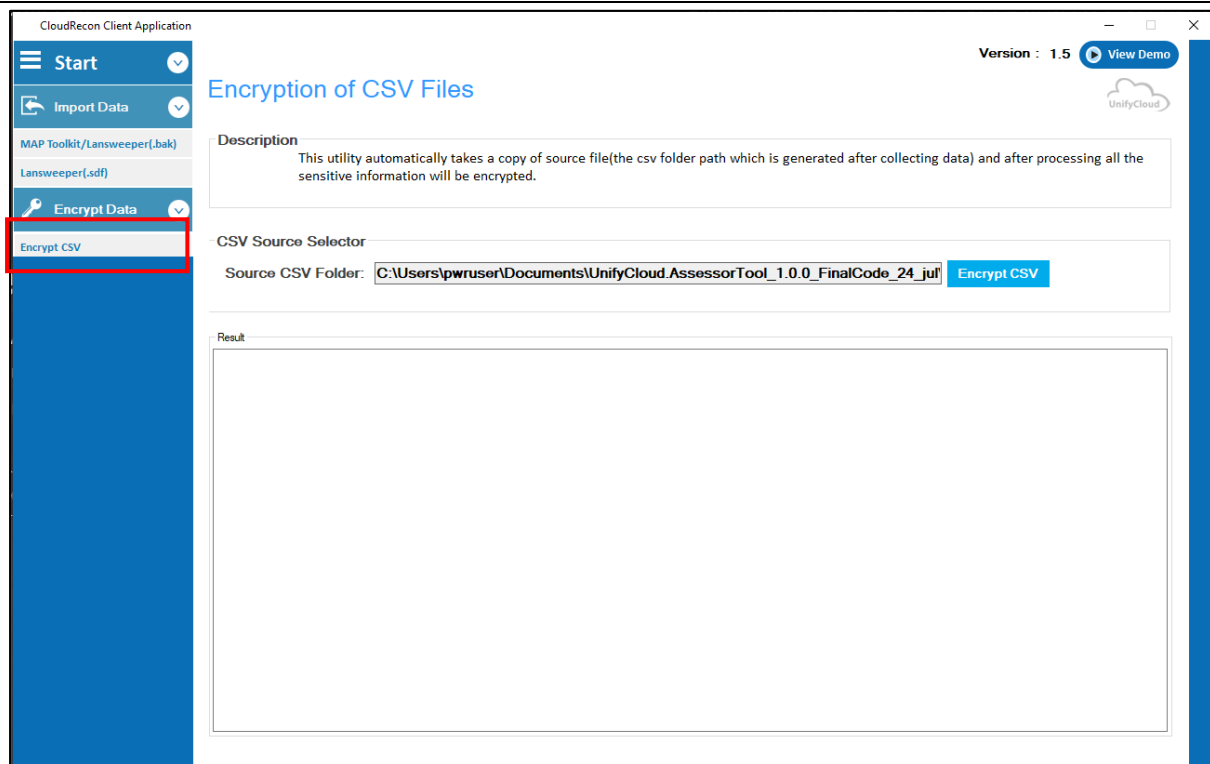


Figure 11: Encryption of CSV files

3. For Encryption, Enter the Encryption Password. Refer to [Figure 12: Encryption Password of CSV Files](#).

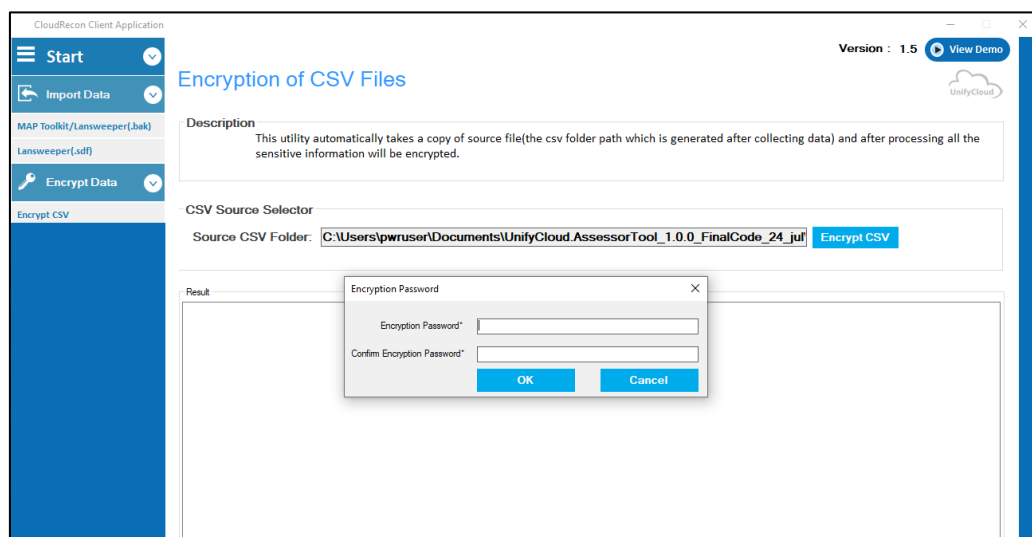


Figure 12: Encryption Password of CSV Files

4. Select columns to encrypt as shown in [Figure 13: Encryption of column in CSV Files](#).

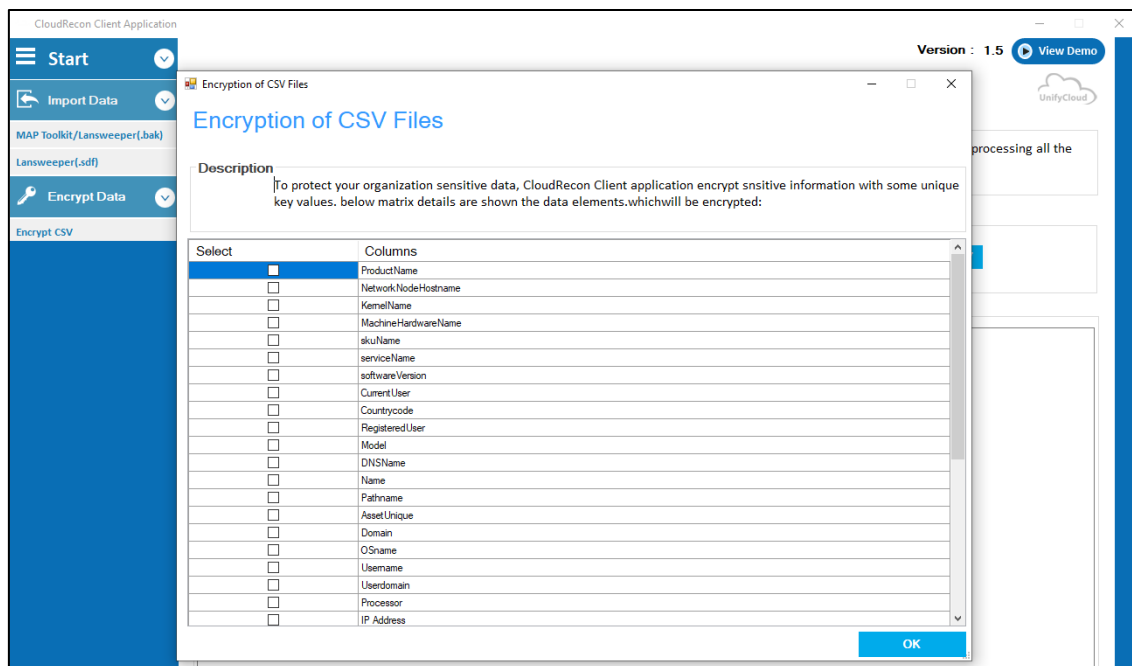


Figure 13: Encryption of column in CSV Files

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](#).

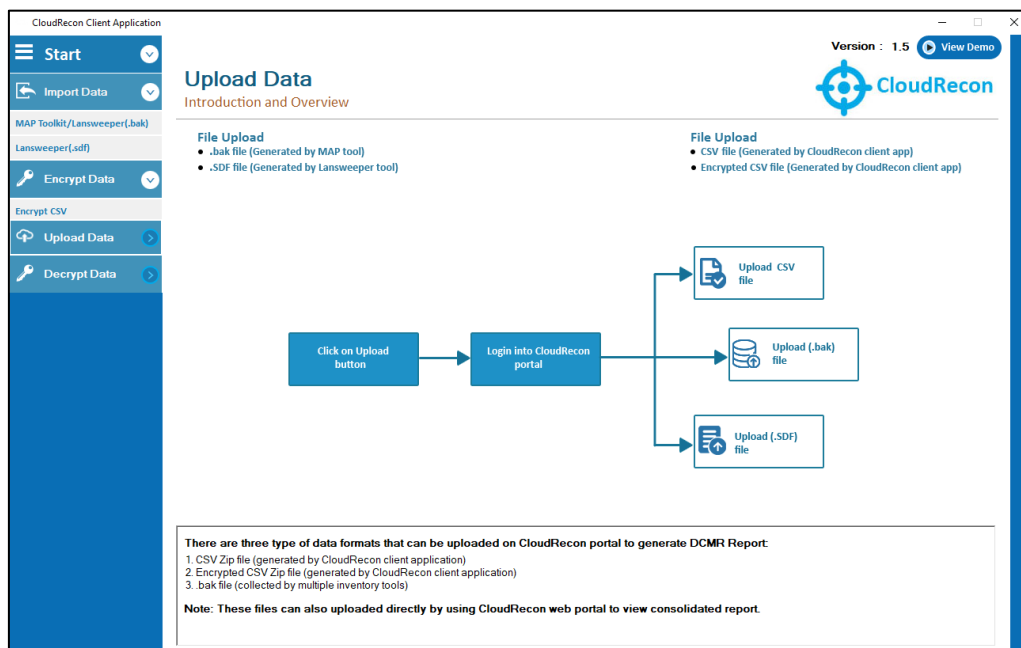


Figure 14: Upload File

Click on upload Data it will Redirect to CloudRecon Portal Shown in [Figure 15: Upload File](#).

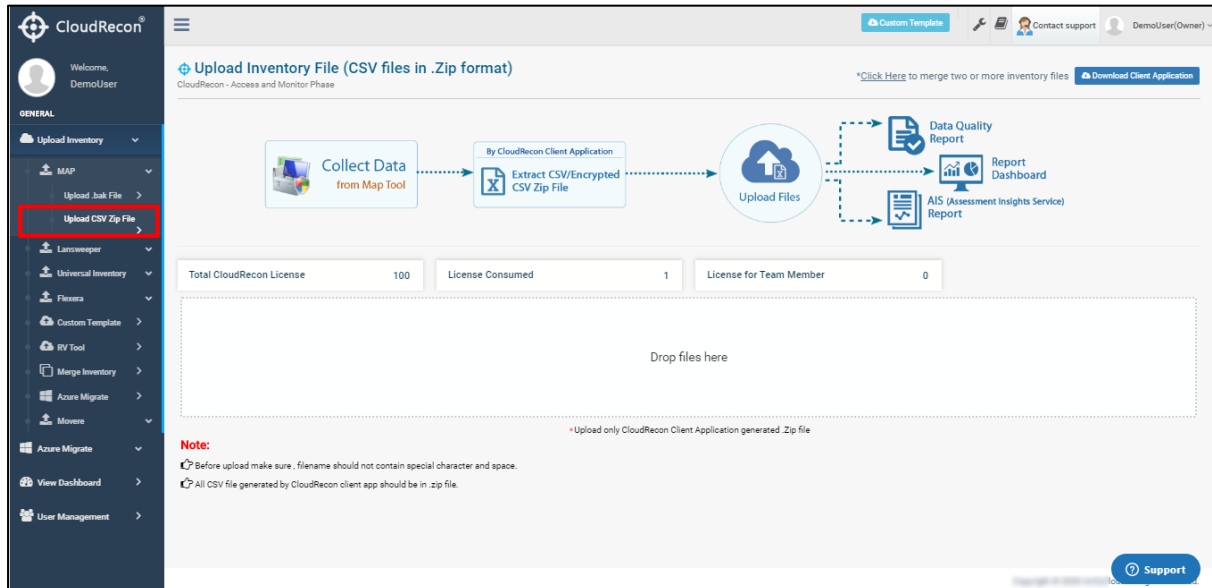


Figure 15: Upload File

NOTE: Now you can Upload File format (CSV, .bak, .sdf etc.)

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](#)

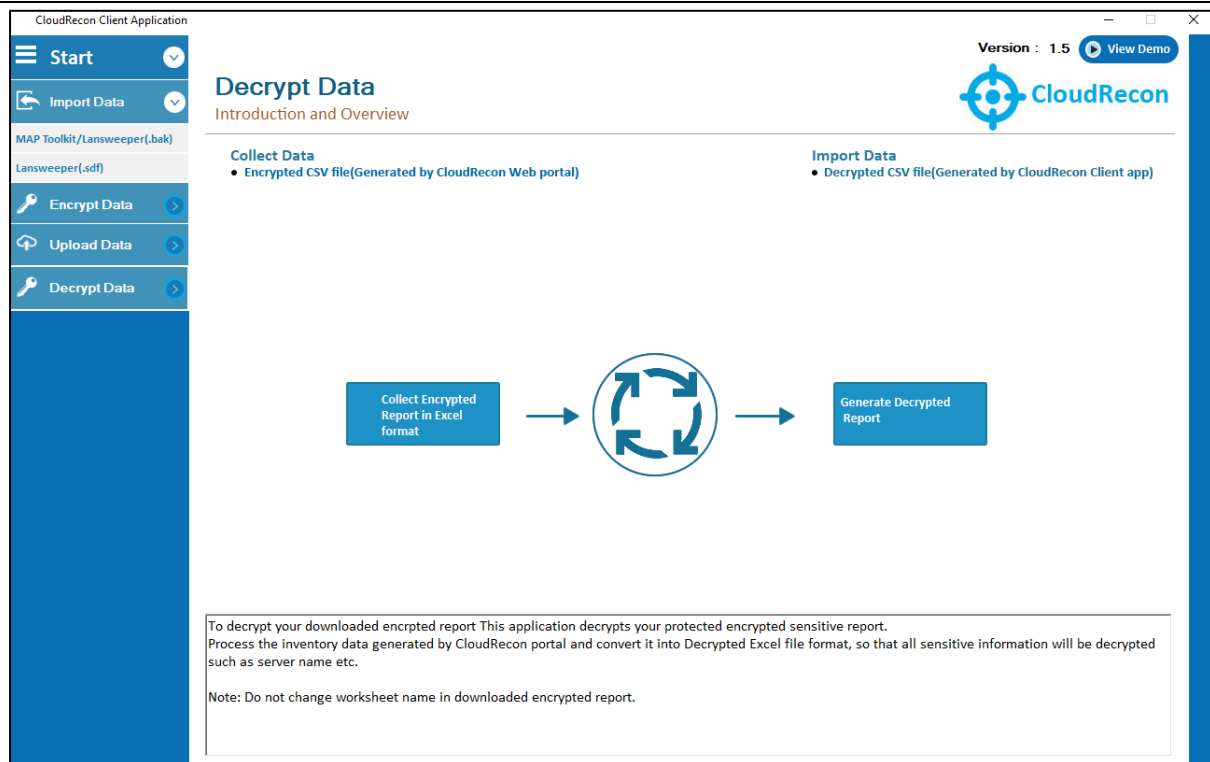


Figure 16: Decrypt Data

- 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:](#).

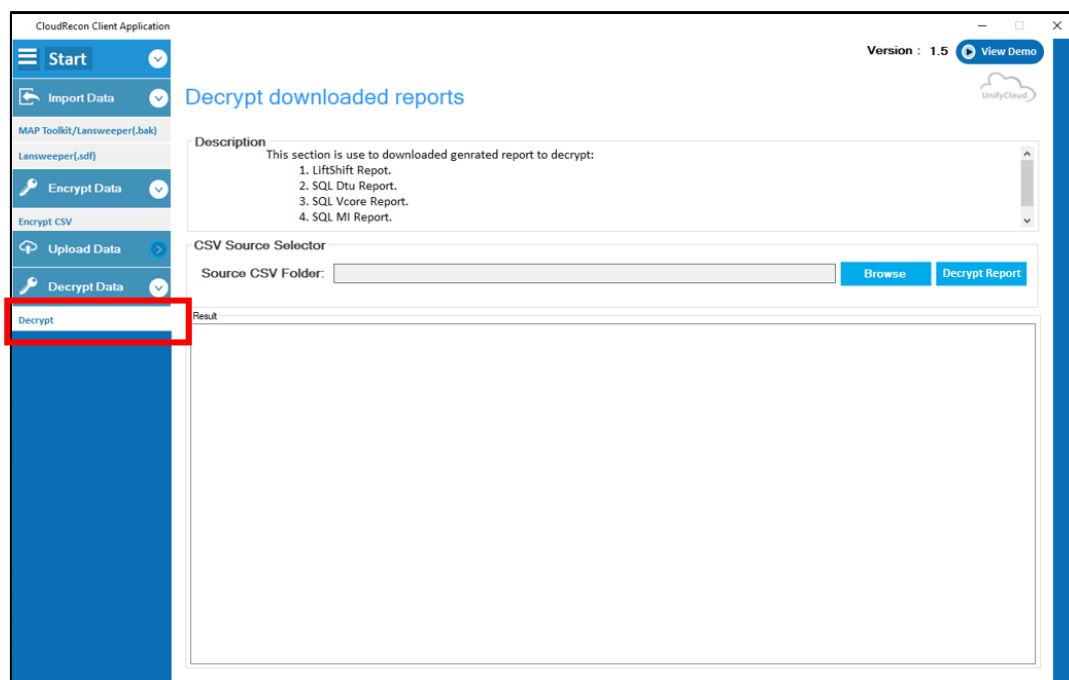


Figure 17: Decrypt Data

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.

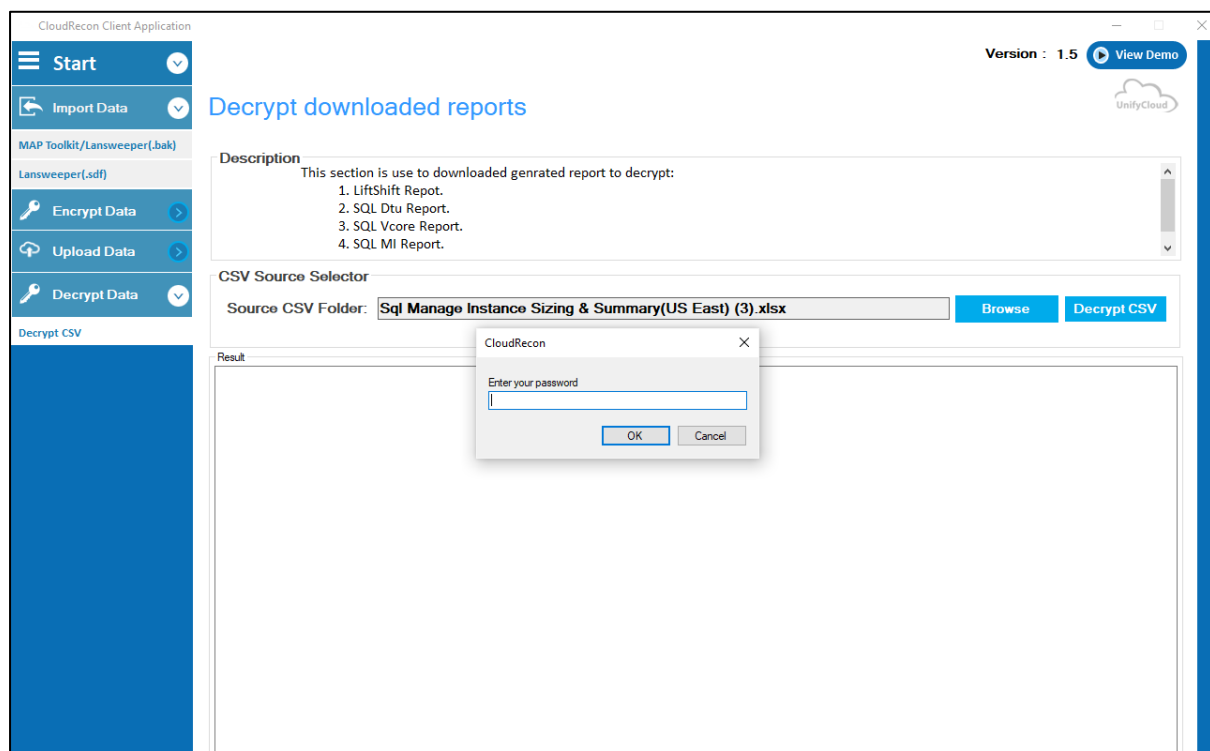


Figure 18: Decrypt Data

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 [Figure 19: Login Page](#).

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](#)

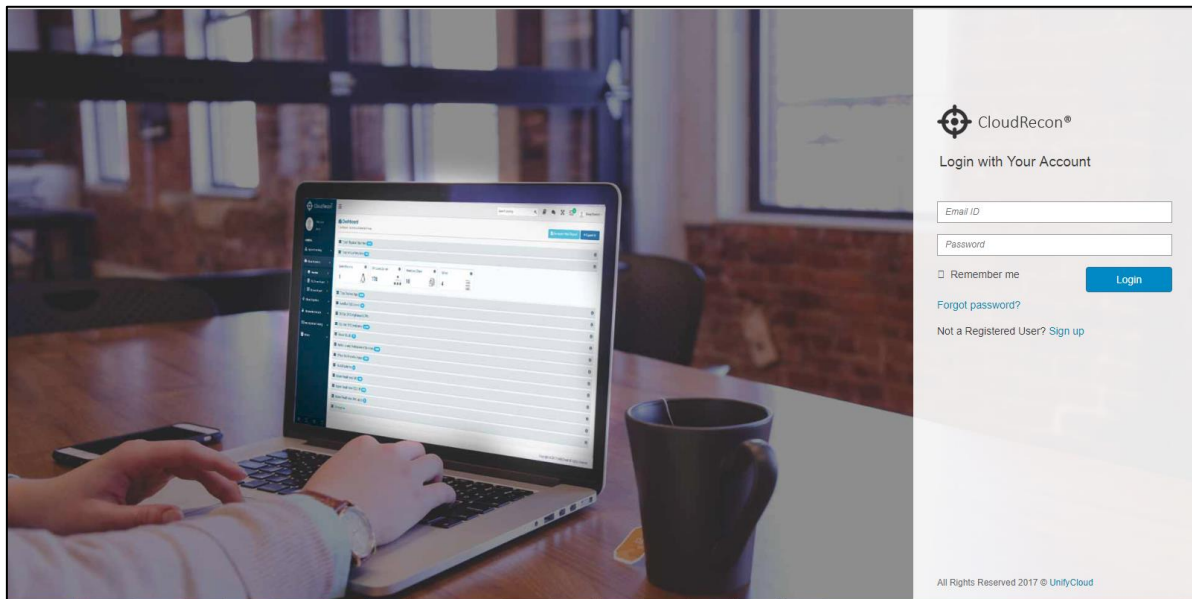


Figure 20: CloudRecon – Registered User Login

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 [Figure 21: Choose Data source](#).

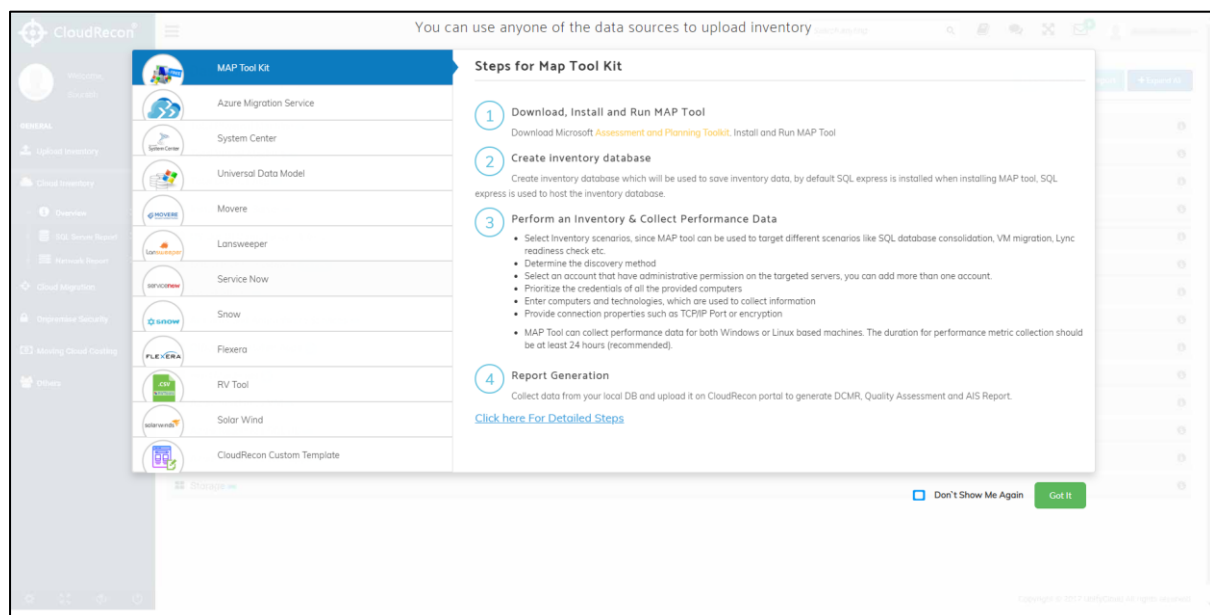


Figure 21: Choose Data source

You will be redirected to the CloudRecon Web portal 'View Dashboard' page as shown in [Figure 22: View Dashboard](#)

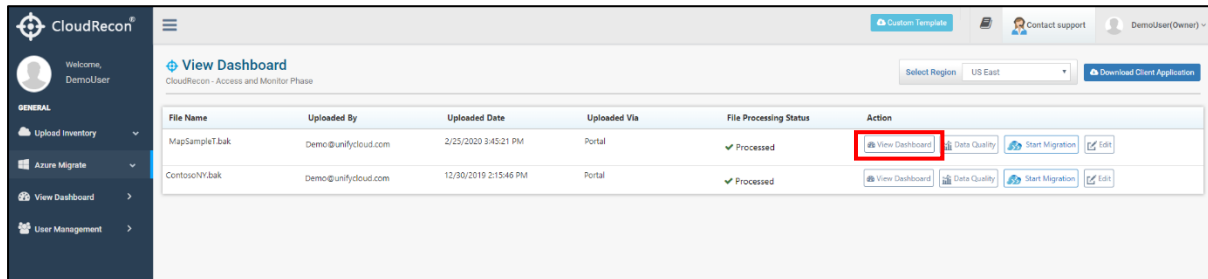


Figure 22: View Dashboard

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

[View Dashboard](#)

: 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.

[View Data Quality](#)

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

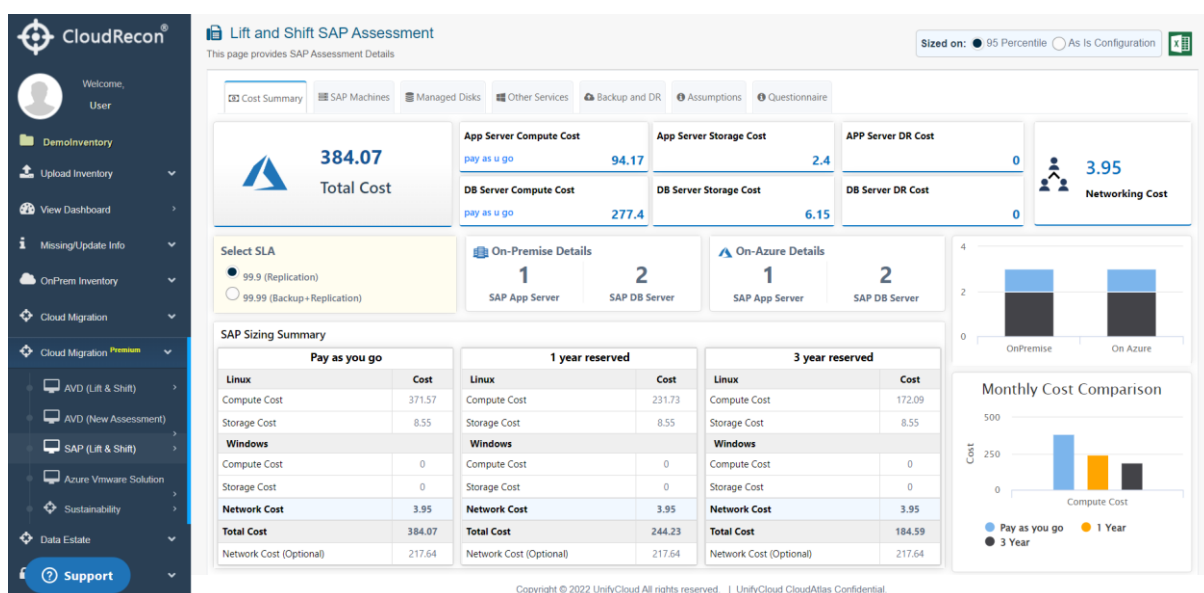


Figure 23: New UI Experience

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](#)

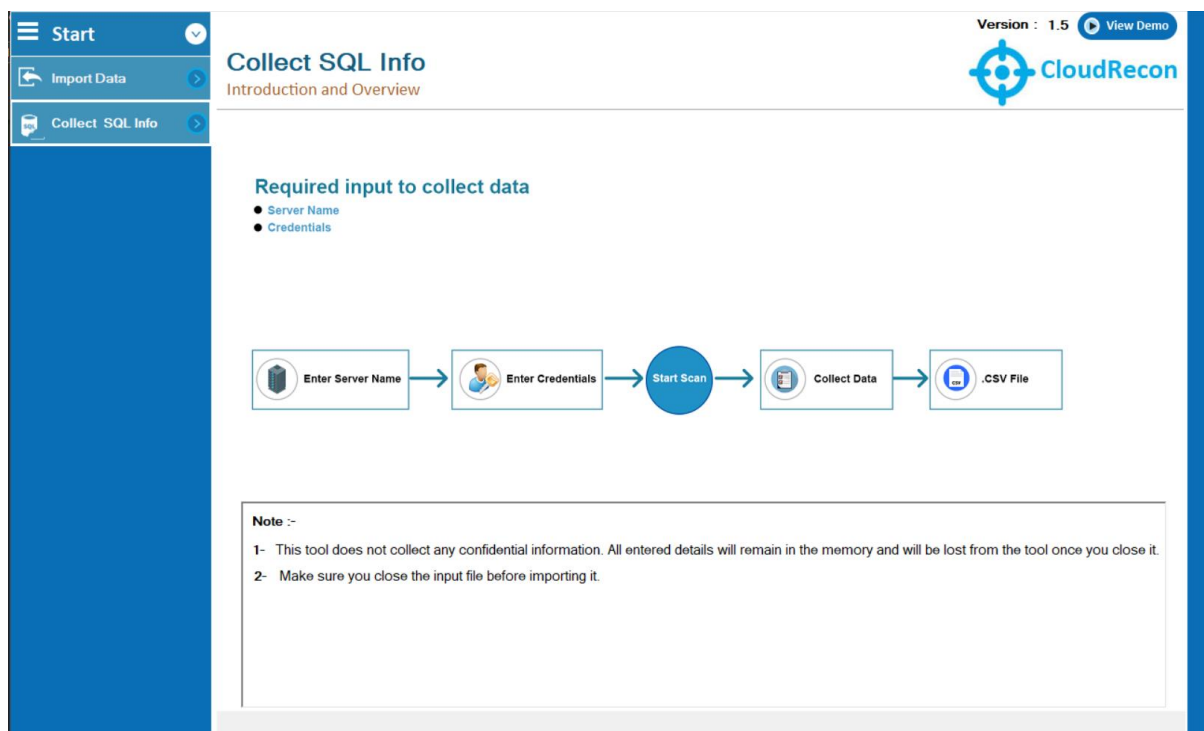


Figure 24: Collect SQL Info

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:](#)

[Collect](#) Data

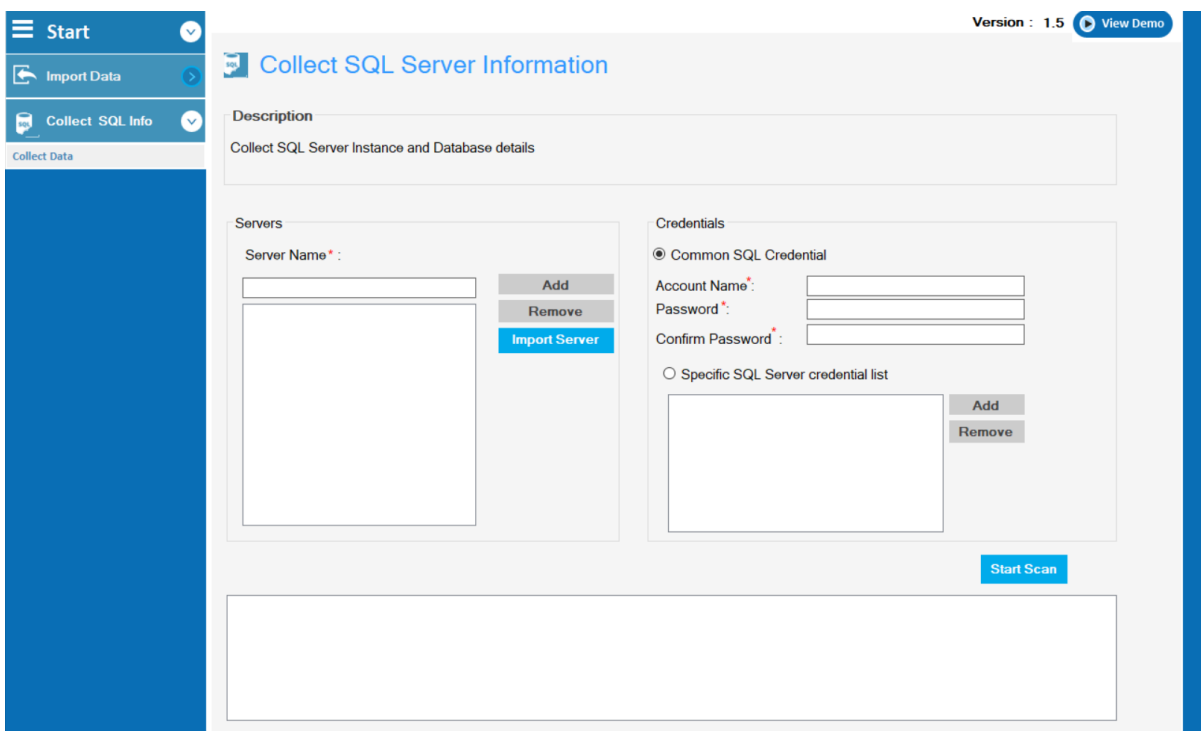
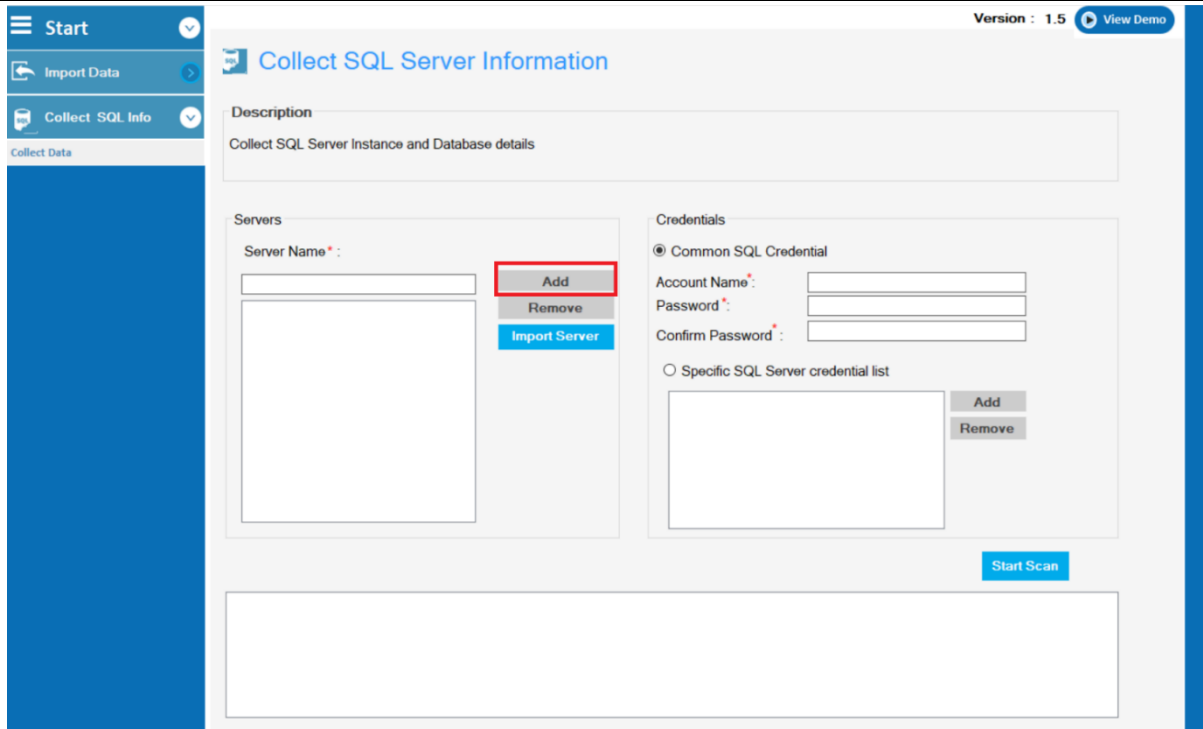


Figure 25: Collect Data

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](#)



Start | **Import Data** | **Collect SQL Info** | **Collect Data**

Version : 1.5 | [View Demo](#)

Collect SQL Server Information

Description
Collect SQL Server Instance and Database details

Servers

Server Name* :

Credentials

☒ Common SQL Credential

Account Name* :

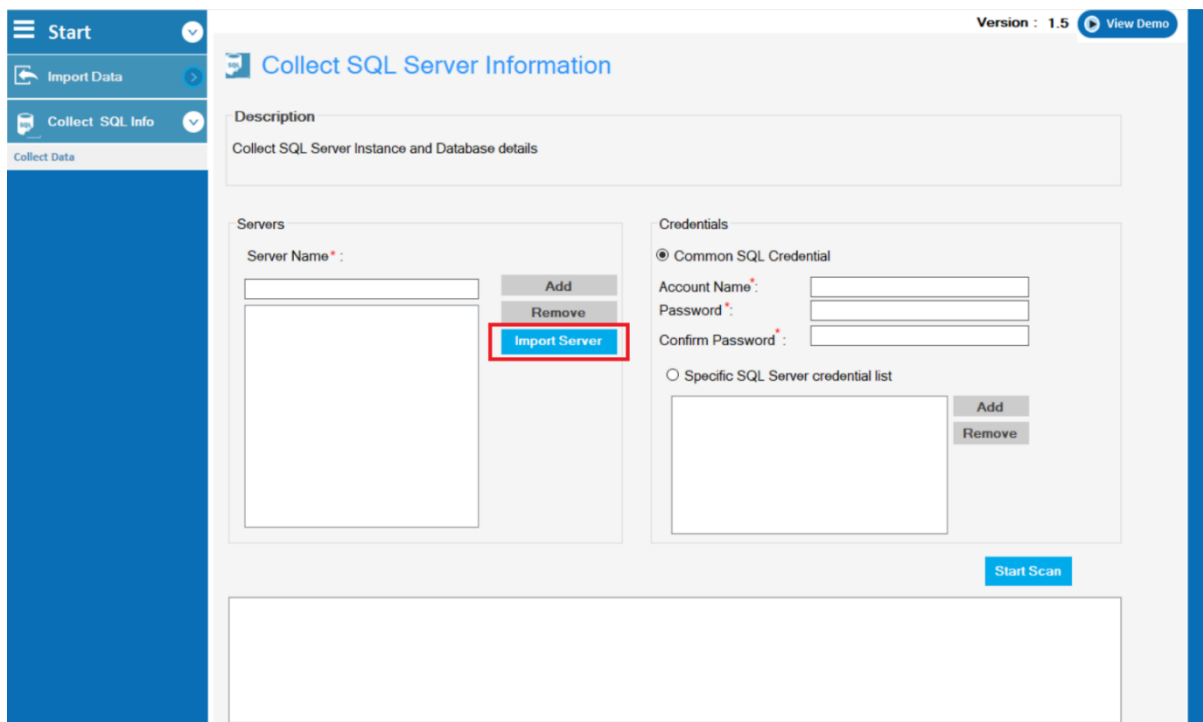
Password* :

Confirm Password* :

☐ Specific SQL Server credential list

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 [Figure 27: Bulk import Servers](#)



Start | **Import Data** | **Collect SQL Info** | **Collect Data**

Version : 1.5 | [View Demo](#)

Collect SQL Server Information

Description
Collect SQL Server Instance and Database details

Servers

Server Name* :

Credentials

☒ Common SQL Credential

Account Name* :

Password* :

Confirm Password* :

☐ Specific SQL Server credential list

Figure 27: Bulk import Servers

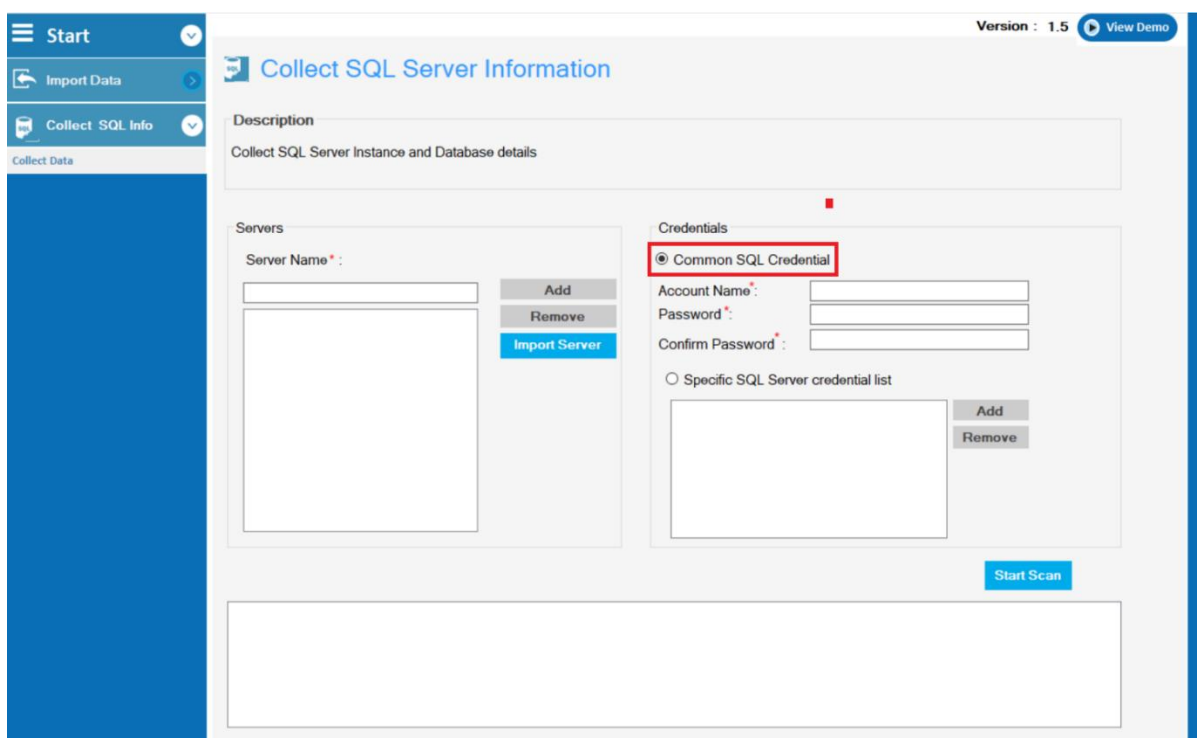
Note:

*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](#)



The screenshot shows the 'Collect SQL Server Information' interface. On the left is a sidebar with 'Start', 'Import Data', 'Collect SQL Info', and 'Collect Data'. The main area has a 'Description' box with the text 'Collect SQL Server Instance and Database details'. Below this are two sections: 'Servers' and 'Credentials'. The 'Servers' section has a 'Server Name' input field, 'Add', 'Remove', and 'Import Server' buttons. The 'Credentials' section has two radio buttons: 'Common SQL Credential' (which is selected and highlighted with a red box) and 'Specific SQL Server credential list'. Below the 'Common SQL Credential' radio button are three input fields for 'Account Name', 'Password', and 'Confirm Password'. Below the 'Specific SQL Server credential list' radio button is a large text area with 'Add' and 'Remove' buttons. At the bottom right is a 'Start Scan' button.

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](#)

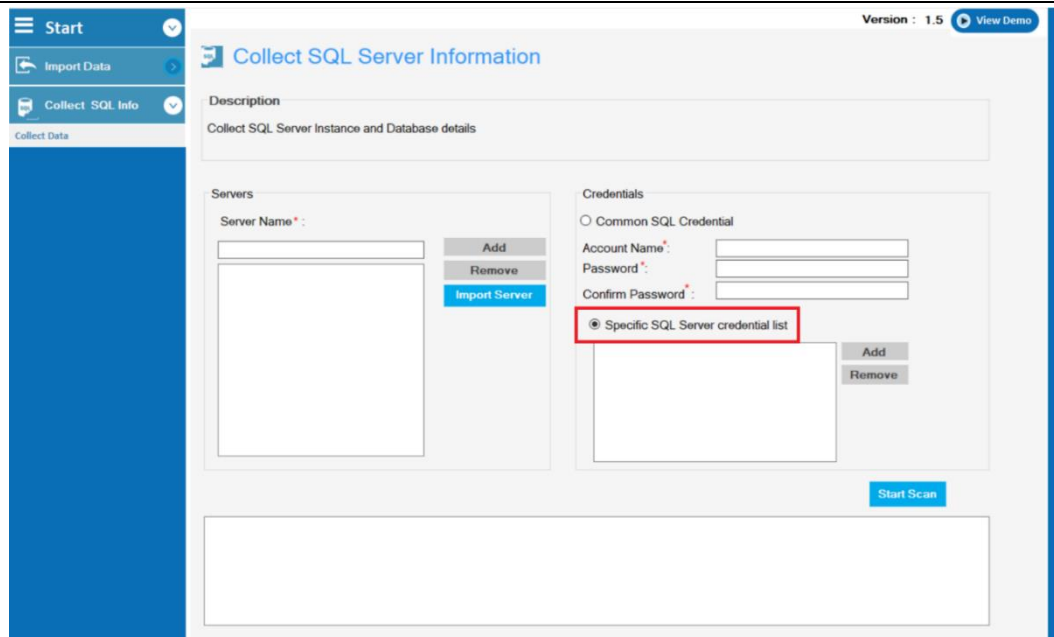


Figure 29: Specific SQL Server Credential List

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](#)

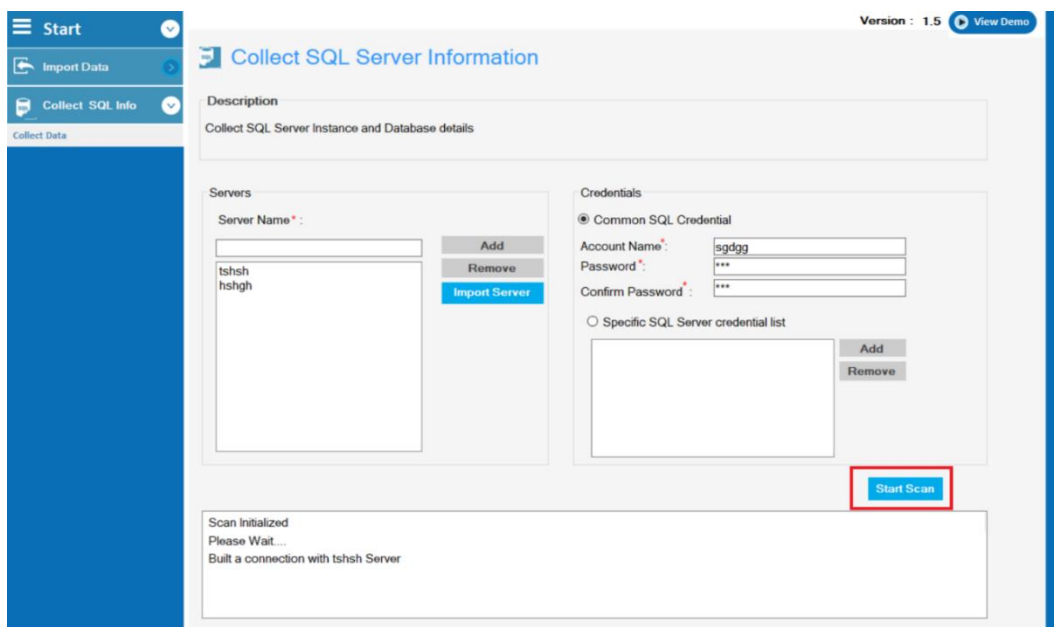


Figure 30: Scanning

Download the Output .csv SQL data file by clicking on the Excel icon as shown in [Figure 31: Download Excel](#)

Start

Collect SQL Info

Collect Data

Version : 1.5

View Demo

Collect SQL Server Information

Description

Collect SQL Server Instance and Database details

Servers

Server Name *

Add

Remove

Import Server

Demo Server

Credentials

Common SQL Credential

Account Name *

demo

Password *


Confirm Password *

Specific SQL Server credential list

Add

Remove

Start Scan



Scan Initialized

Please Wait....

Built a connection with Demo Server

Create Csv File

Output Folder Path At C:\CloudReconScannerSetup\Csv File\MergeAllServer.csv

Figure 31: Download Excel

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

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	*ComputerName	*InstanceName	*ProductN	*Version	*Edition	*DatabaseName	*DatabaseSize	*LogFileSize	*Log Files	*IsRunning	*IsRunning	*IsRunning	*SQLCPU(%)	*SQLIO(%)		
1	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	master	5	4		FALSE	FALSE	FALSE	99.39	12.54		
2	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	tempdev	8	8		FALSE	FALSE	FALSE				
3	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	modeldev	8	8		FALSE	FALSE	FALSE				
4	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	MSDBData	23	28		FALSE	FALSE	FALSE				
5	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	233	2		FALSE	FALSE	FALSE				
6	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	43	21		FALSE	FALSE	FALSE				
7	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	33	1		FALSE	FALSE	FALSE				
8	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	26	2		FALSE	FALSE	FALSE				
9	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	27	2		FALSE	FALSE	FALSE				
10	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	127	214		FALSE	FALSE	FALSE				
11	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	27	2		FALSE	FALSE	FALSE				
12	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	108	68		FALSE	FALSE	FALSE				
13	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	126	214		FALSE	FALSE	FALSE				
14	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	29	2		FALSE	FALSE	FALSE				
15	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	127	214		FALSE	FALSE	FALSE				
16	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	27	2		FALSE	FALSE	FALSE				
17	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	68	68		FALSE	FALSE	FALSE				
18	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	33	3		FALSE	FALSE	FALSE				
19	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	33	3		FALSE	FALSE	FALSE				
20	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	22	2		FALSE	FALSE	FALSE				
21	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	30	2		FALSE	FALSE	FALSE				
22	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	31	2		FALSE	FALSE	FALSE				
23	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	29	2		FALSE	FALSE	FALSE				
24	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	65	1		FALSE	FALSE	FALSE				
25	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	44	9		FALSE	FALSE	FALSE				
26	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	23	2		FALSE	FALSE	FALSE				
27	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	39	1		FALSE	FALSE	FALSE				
28	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	72	23		FALSE	FALSE	FALSE				
29	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	23	2		FALSE	FALSE	FALSE				
30	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	MAP_SampleDB	336	99		FALSE	FALSE	FALSE				
31	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	108	214		FALSE	FALSE	FALSE				
32	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922	183	9		FALSE	FALSE	FALSE				
33	cloudreconus	MSSQLSERVER	Microsoft	14.0.1000.169	Enterprise	Inventory100313052016172922										

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

1. On the **Upload Inventory** tab, click **Map** tab as shown in [Figure 33: CloudRecon – Map](#)

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

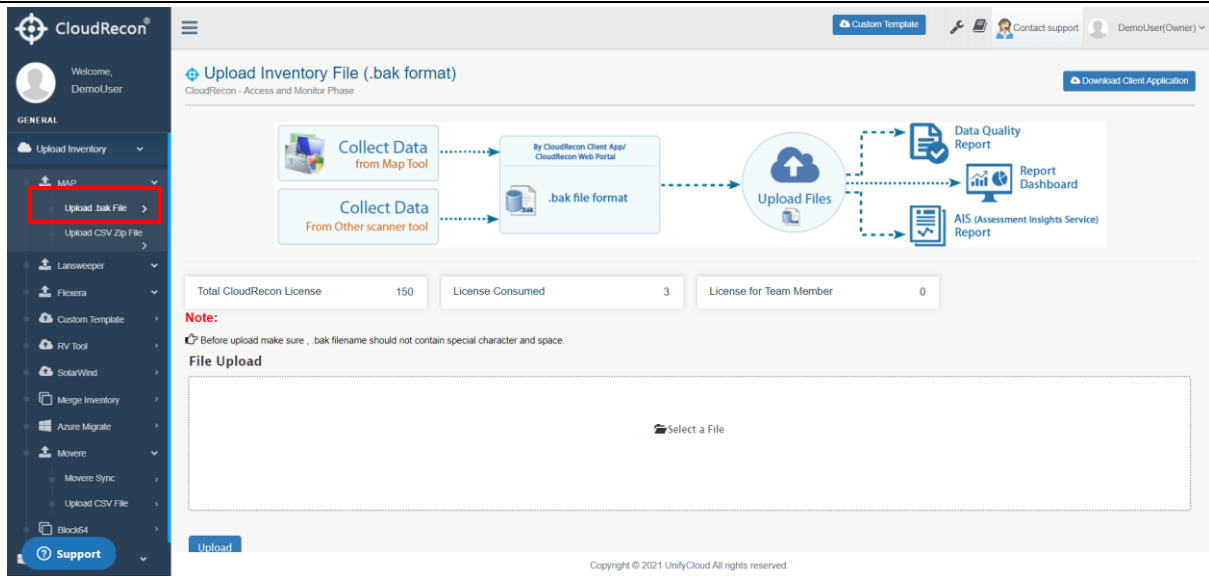


Figure 33: CloudRecon – Map

4.1.1 Upload .bak file

Click on upload .bak file as shown in [Figure 34: CloudRecon-Upload inventory .bak file](#)

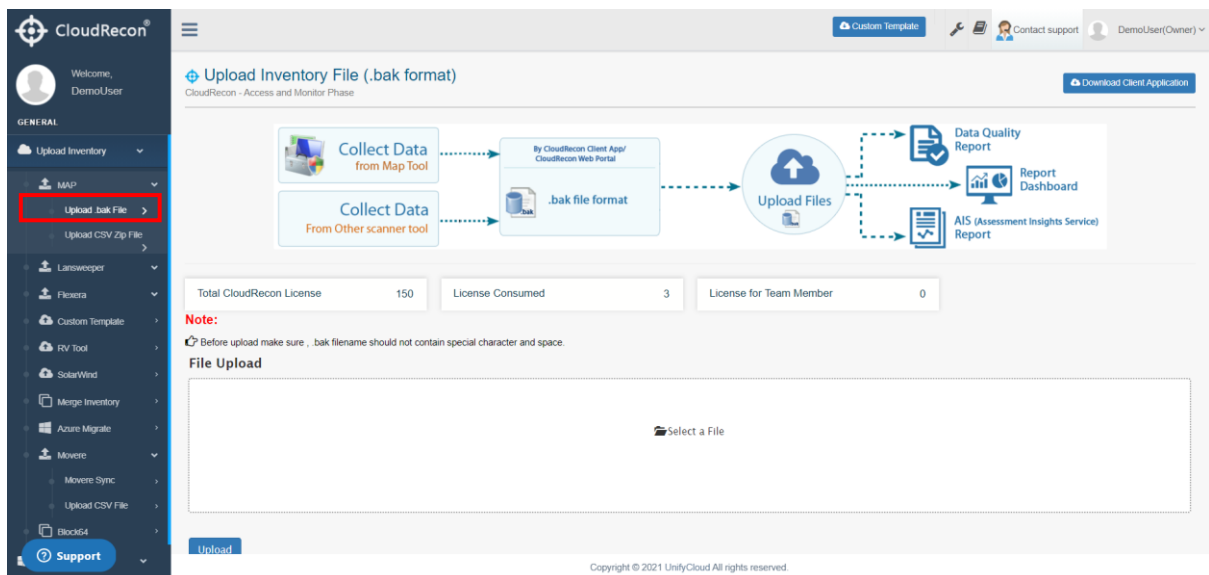


Figure 34: CloudRecon-Upload inventory .bak file

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

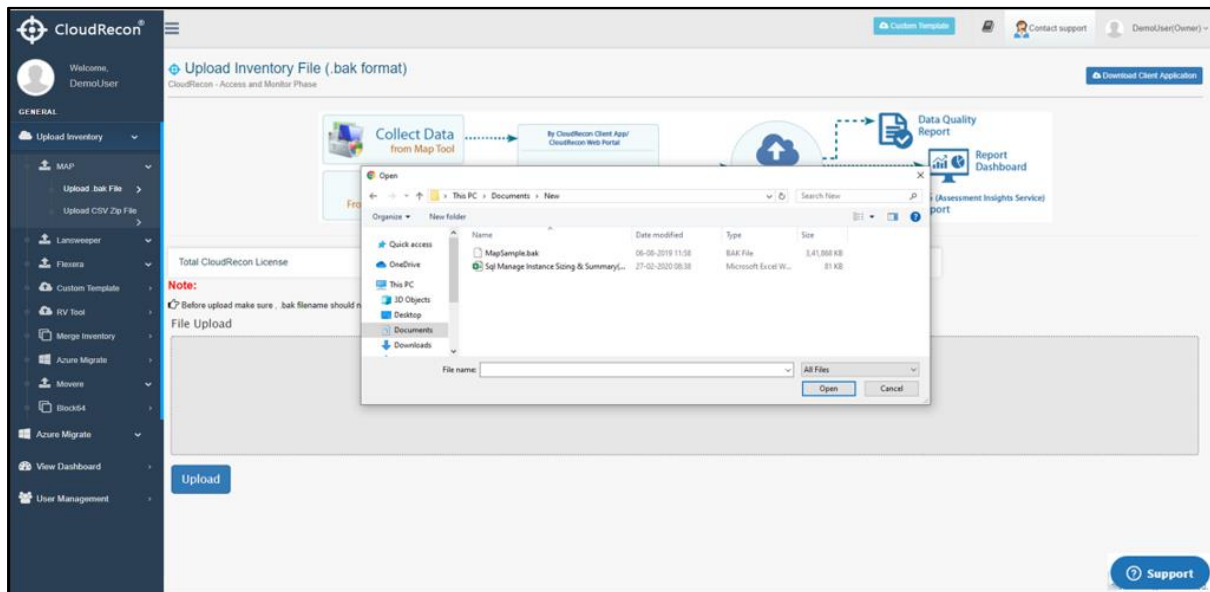


Figure 35: CloudRecon - Upload File

4.1.2 Upload CSV Zip file

1. Click on Upload CSV zip File as shown in [Figure 36: CloudRecon - CSV zip](#)

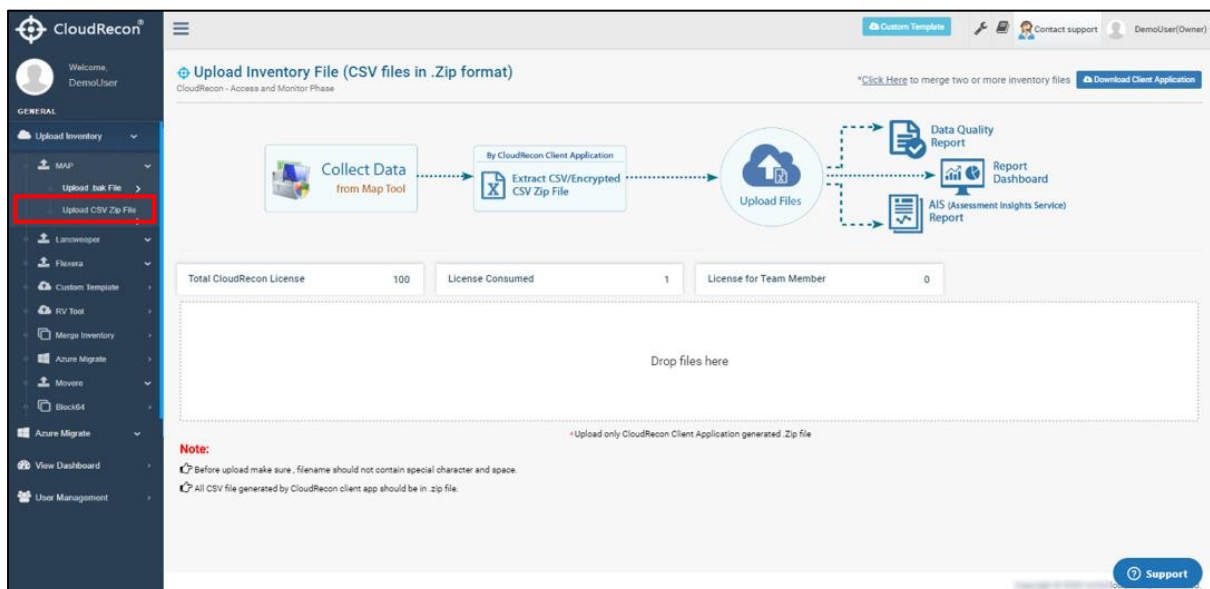


Figure 36: CloudRecon - CSV zip

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

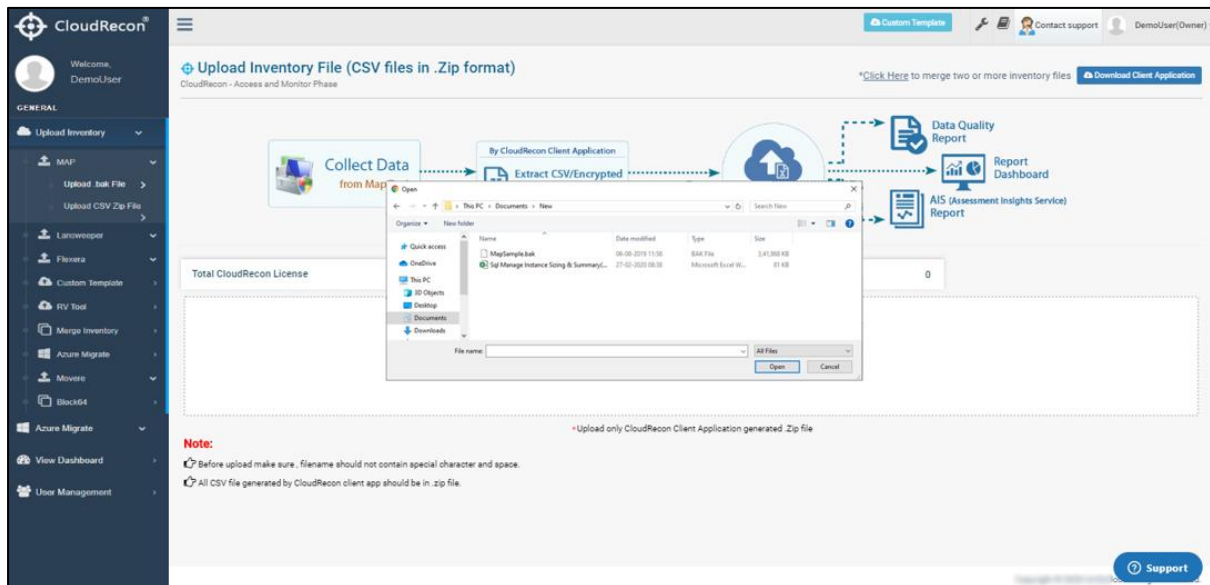


Figure 37: CloudRecon - Upload File

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

4.2 LANSWEEPER

1. On the **Upload Inventory** tab, click **Lansweeper** tab as shown in [Figure 38: CloudRecon – Lansweeper](#)

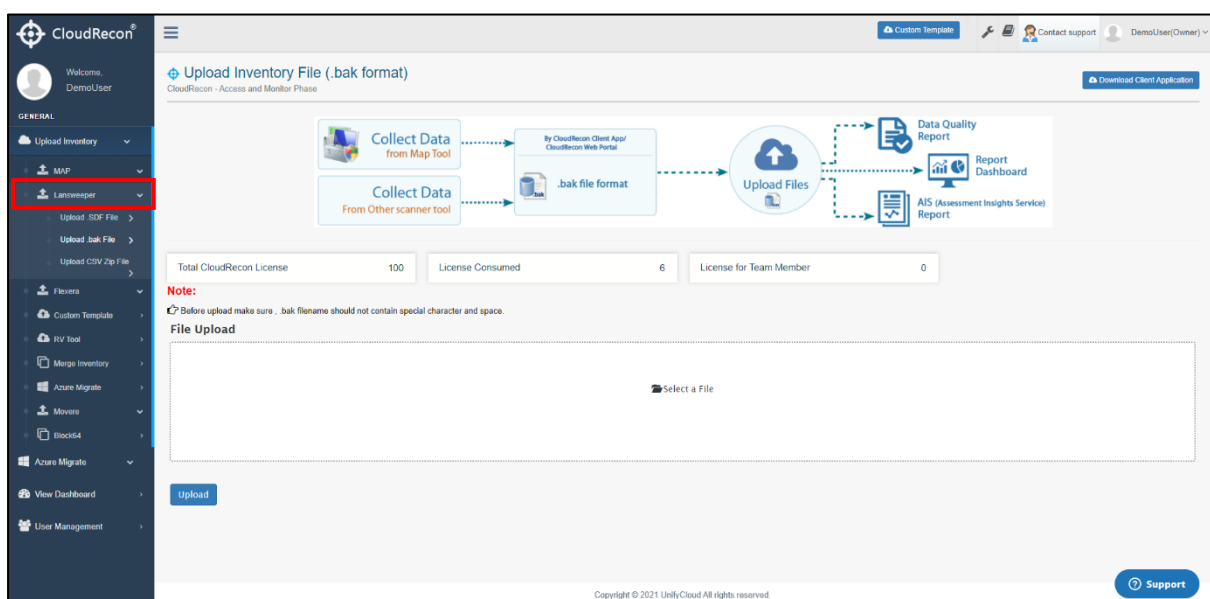


Figure 38: CloudRecon – Lansweeper

4.2.1 Upload Lansweeper SDF file

1. Select to upload .SDF file tab to upload Lansweeper File shown in [Figure 39: CloudRecon – Upload inventory .SDF file](#)

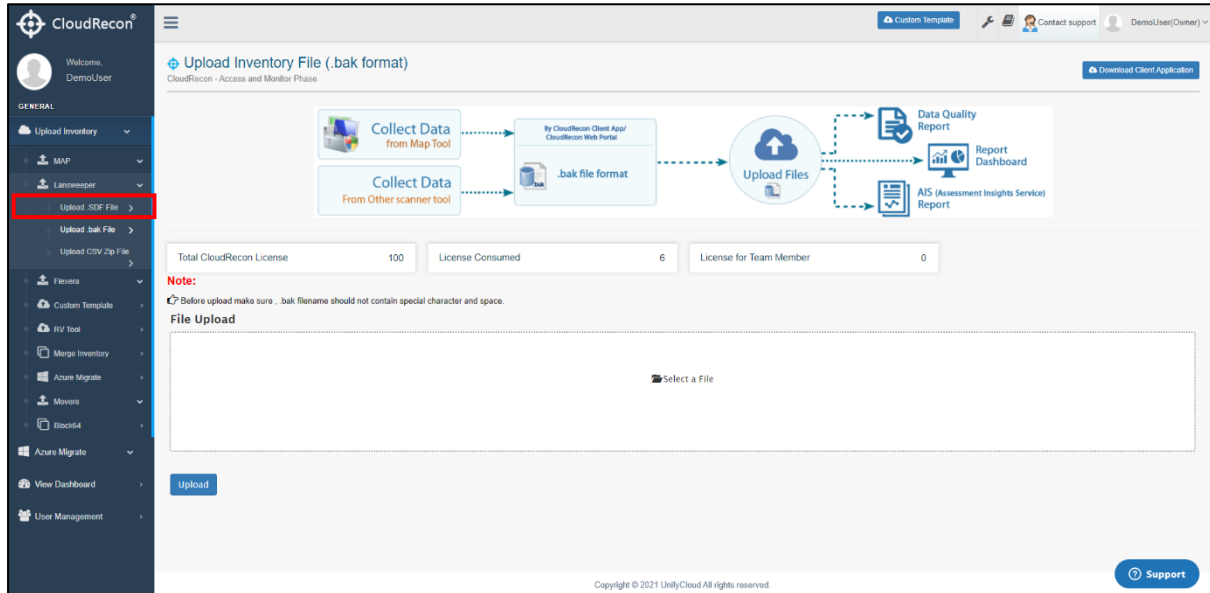


Figure 39: CloudRecon – Upload inventory .SDF file

A Dialog Box will open, select the file, and click **Open** as shown [Figure 40: CloudRecon – Upload file](#)

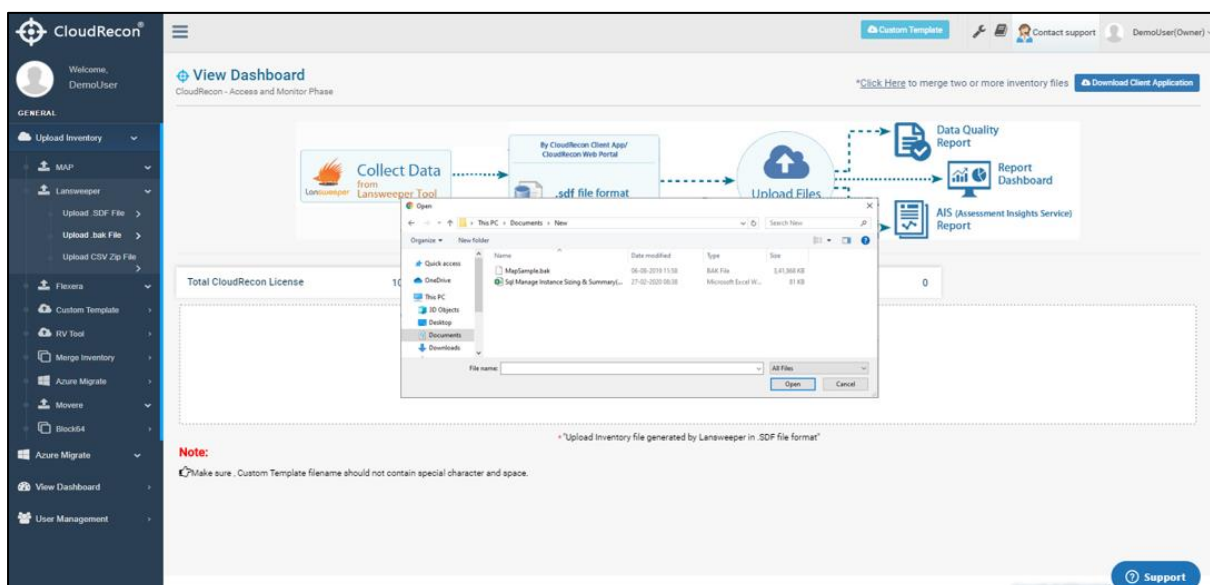


Figure 40: CloudRecon – Upload file

4.2.2 Upload Lansweeper .bak file

1. Select to upload .bak file tab to upload Lansweeper .bak File as shown in [Figure 41: CloudRecon – Upload inventory .bak file](#)

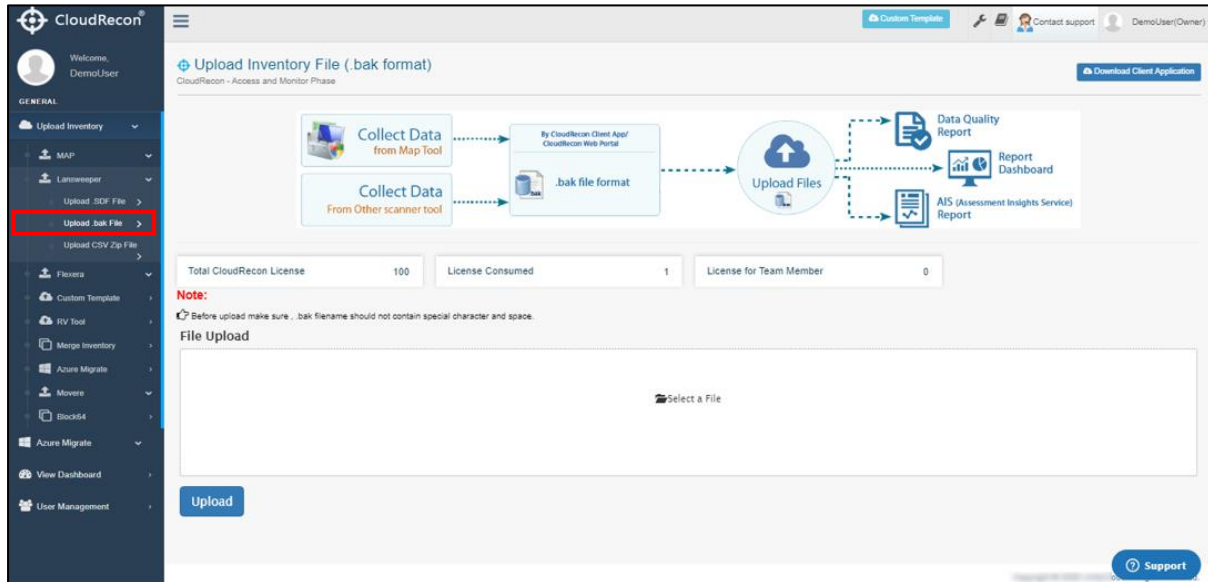


Figure 41: CloudRecon – Upload inventory .bak file

A Dialog Box will open, select the file, and click **Open** as shown in [Figure 42: CloudRecon – Upload file](#)

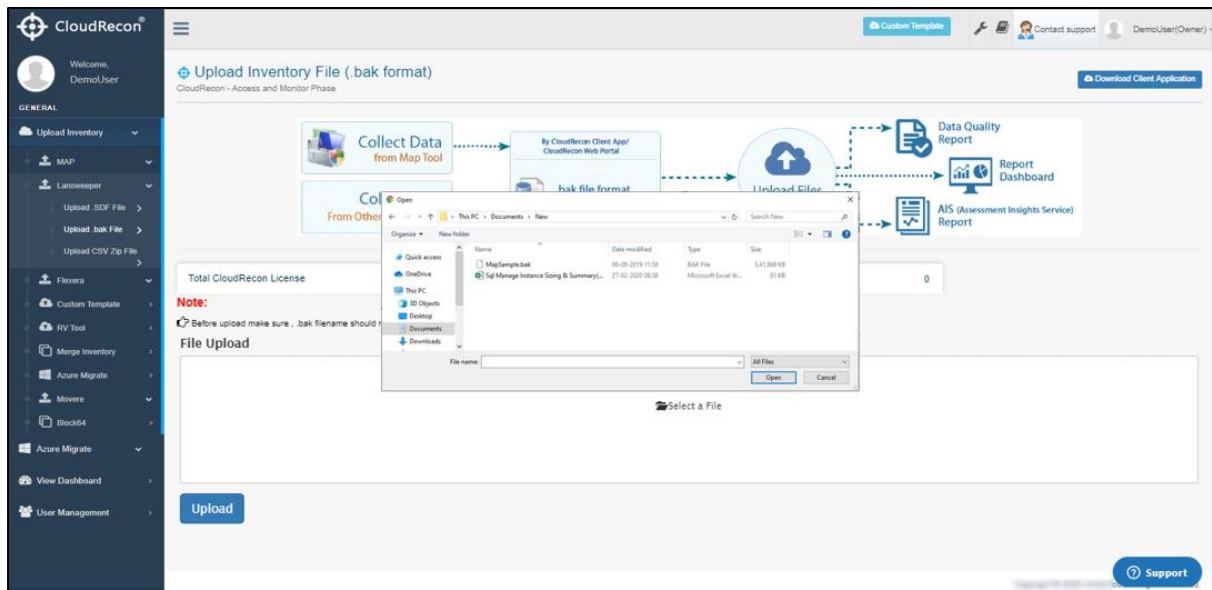


Figure 42: CloudRecon – Upload file

4.2.3 Upload Lansweeper CSV Zip file

Select an upload CSV Zip File to upload the Lansweeper Data as shown in [Figure 43: CloudRecon – Upload CSV Zip file](#)

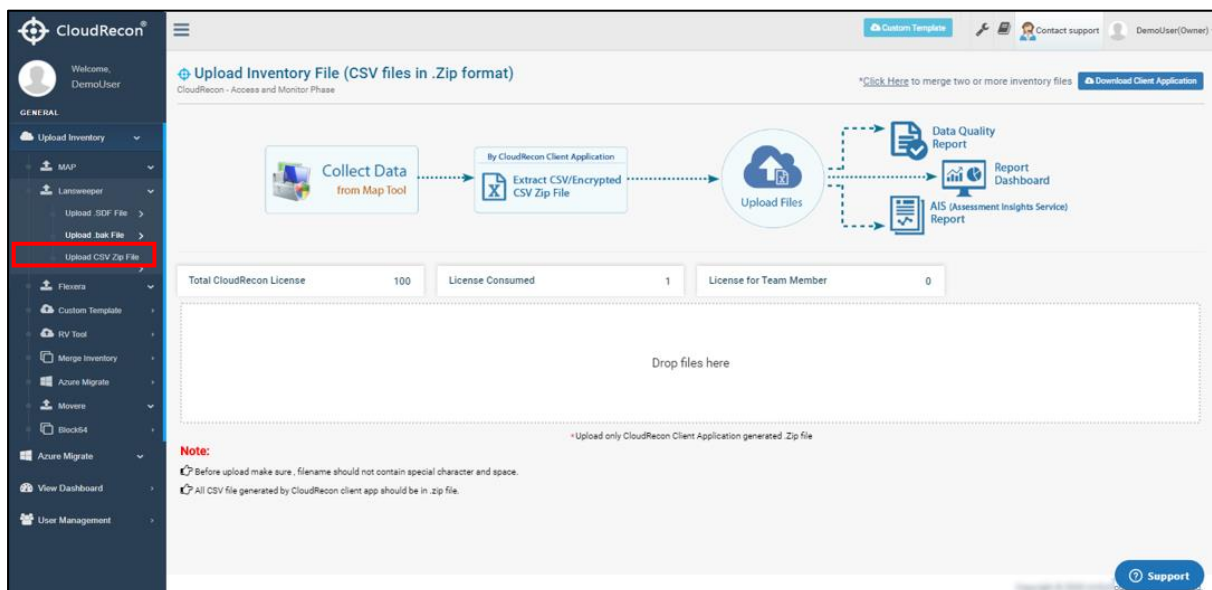


Figure 43: CloudRecon – Upload CSV Zip file

1. A Dialog Box will open, select the file, and click **Open** as shown in [Figure 44: CloudRecon – Upload file.](#)

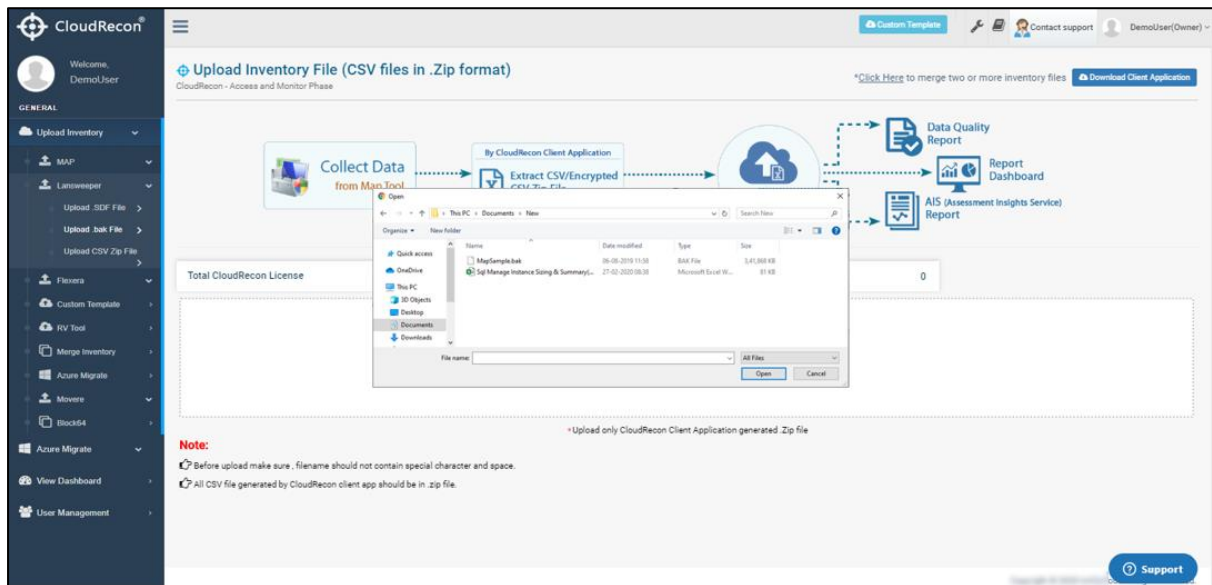


Figure 44: CloudRecon – Upload file

**** 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 [Figure 45: CloudRecon – Upload Universal inventory file](#)

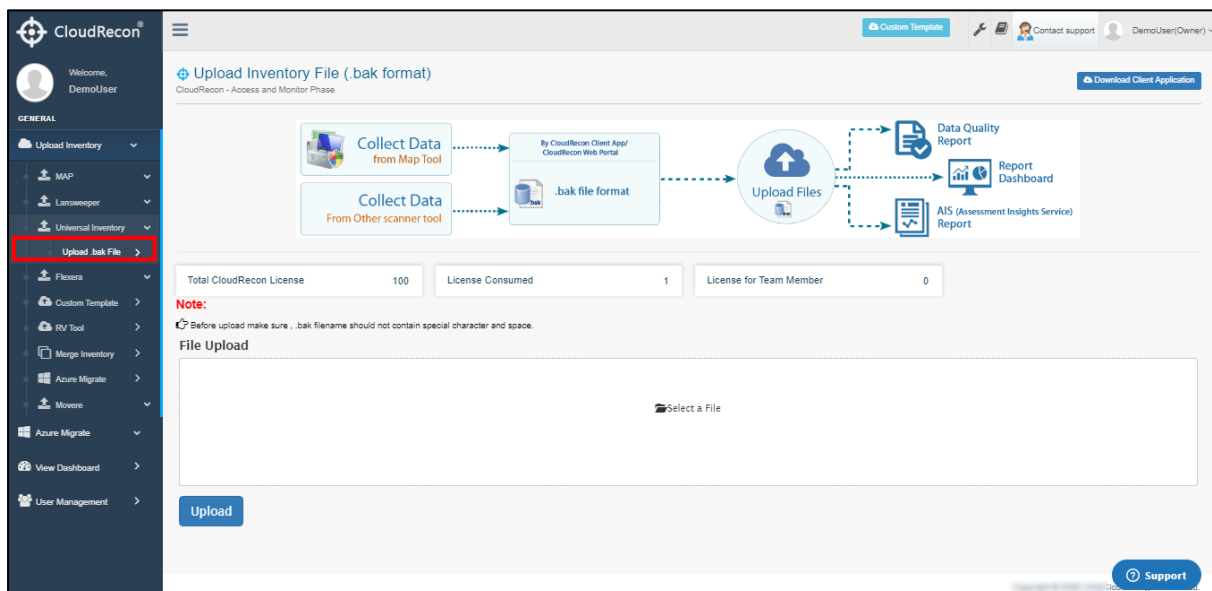


Figure 45: CloudRecon – Upload Universal inventory file

2. Select to upload .bak file tab to upload Universal Inventory .bak File as shown in [Figure 46: CloudRecon – Universal inventory .bak File](#)

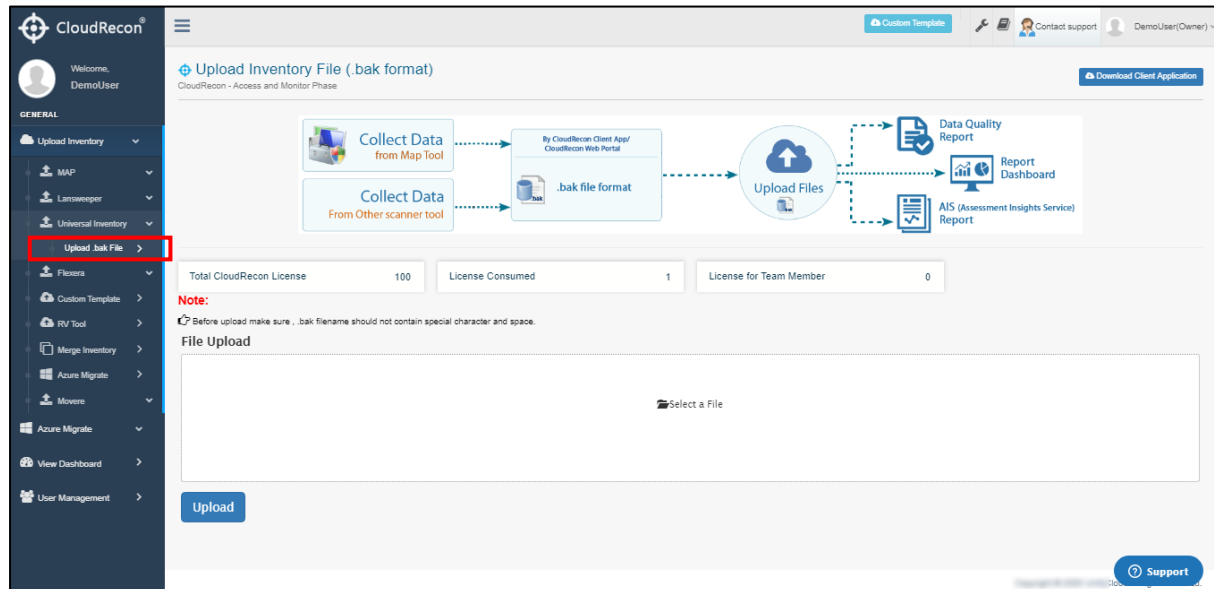


Figure 46: CloudRecon – Universal inventory .bak File

3. A Dialog Box will open, select the file, and click **Open** as shown in [Figure 47: CloudRecon – Upload File](#)

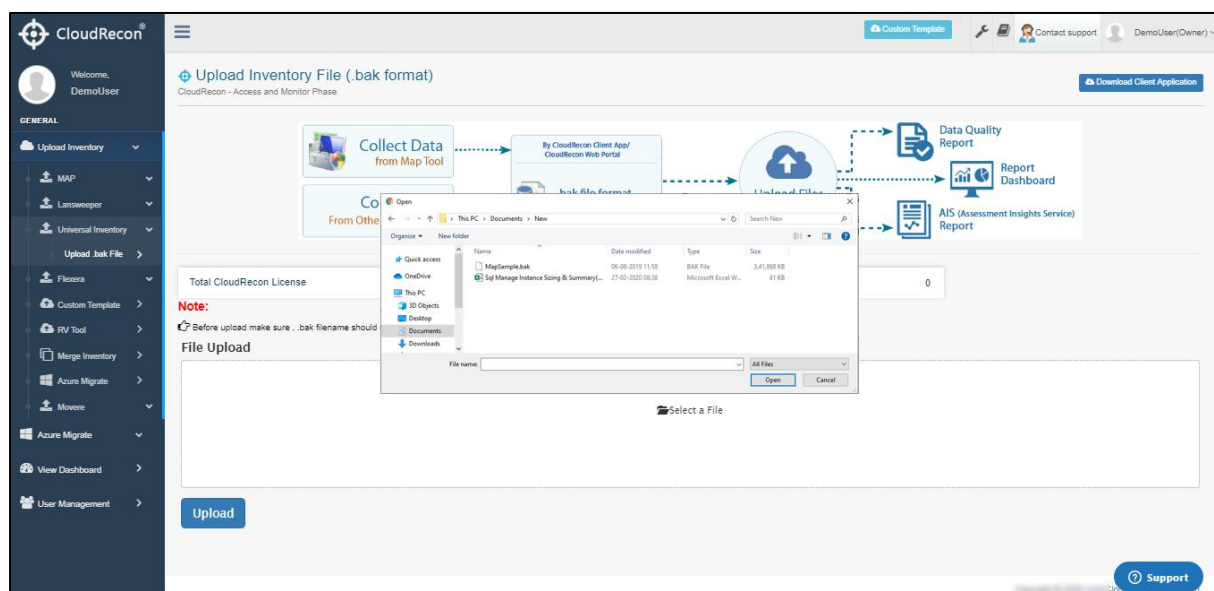


Figure 47: CloudRecon – Upload File

4.4 FLEXERA

On the **Upload Inventory** tab, click Flexera tab as shown in [Figure 48: CloudRecon – Upload Flexera inventory file](#)

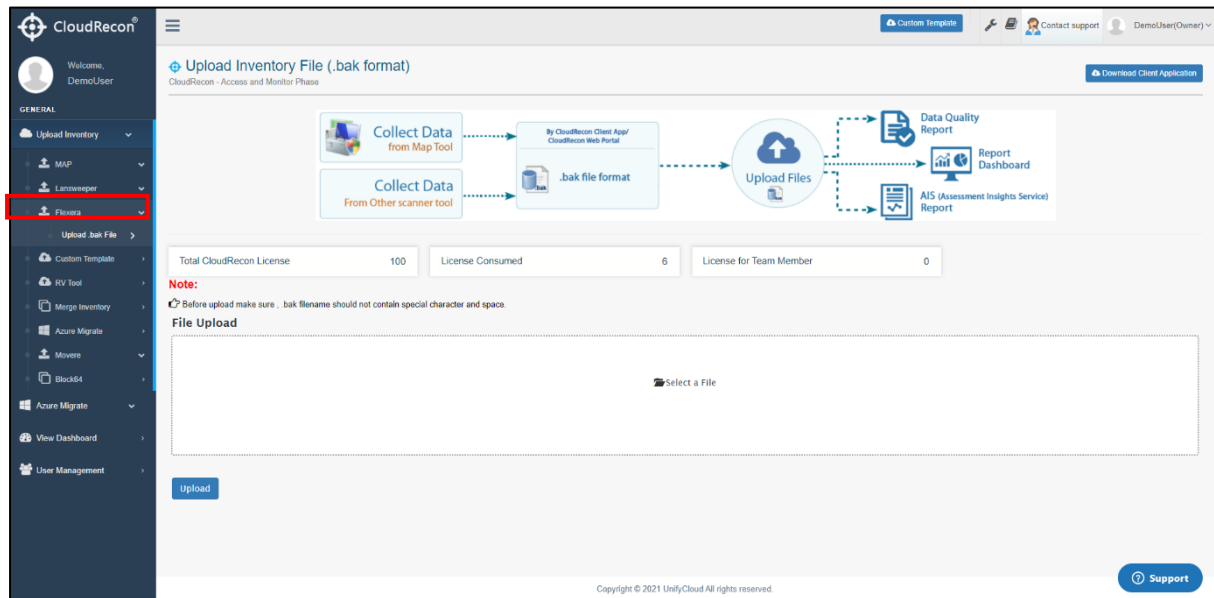


Figure 48: CloudRecon – Upload Flexera inventory file

1. Select to upload .bak file tab to upload Universal Inventory .bak File as shown in [Figure 49: CloudRecon – Flexera .bak File](#)

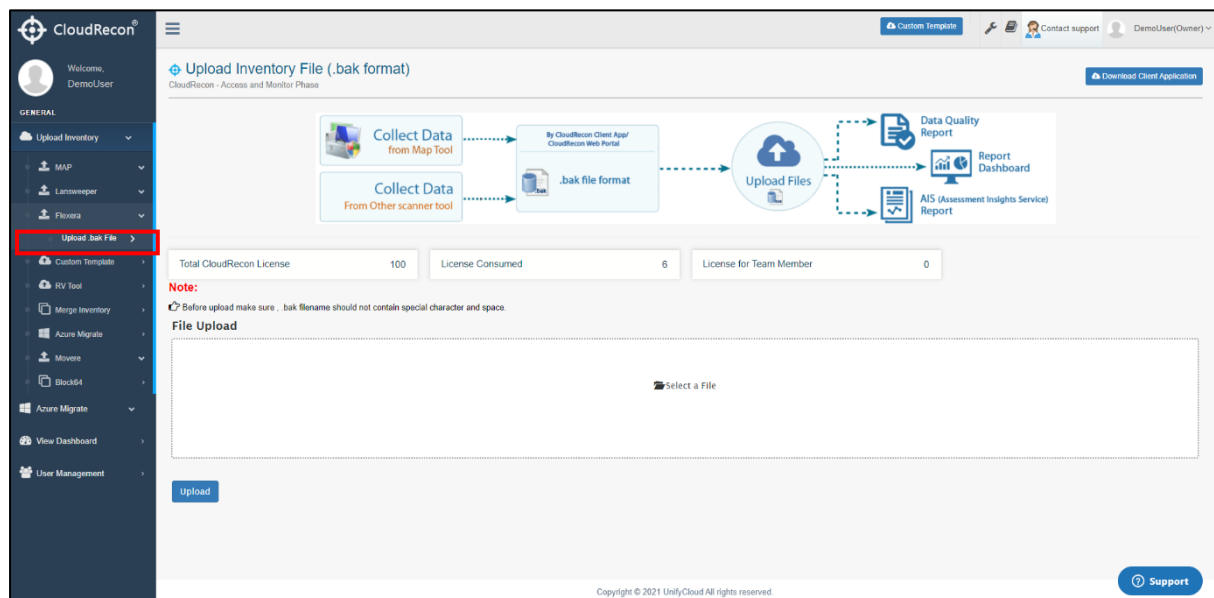


Figure 49: CloudRecon – Flexera .bak File

2. A Dialog Box will open, select the file, and click Open as shown in [Figure 50: CloudRecon - Upload File](#)

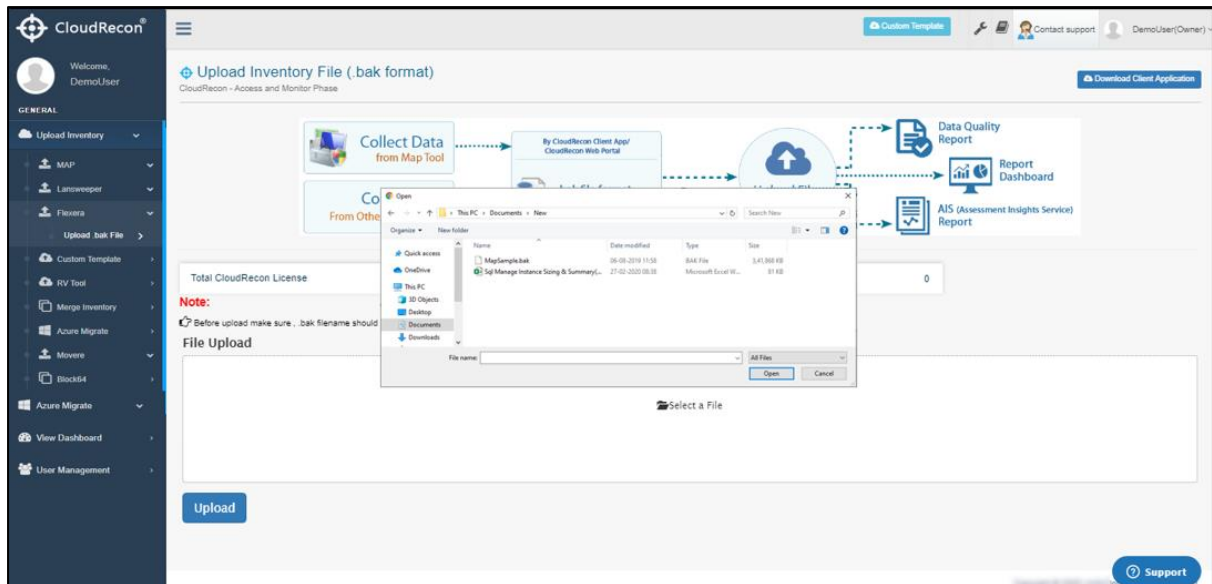


Figure 50: CloudRecon - Upload File

4.5 CUSTOM TEMPLATE

1. On the Upload Inventory tab, click Custom Template tab as shown in [Figure 51: CloudRecon – Custom Template Sheet](#)
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.

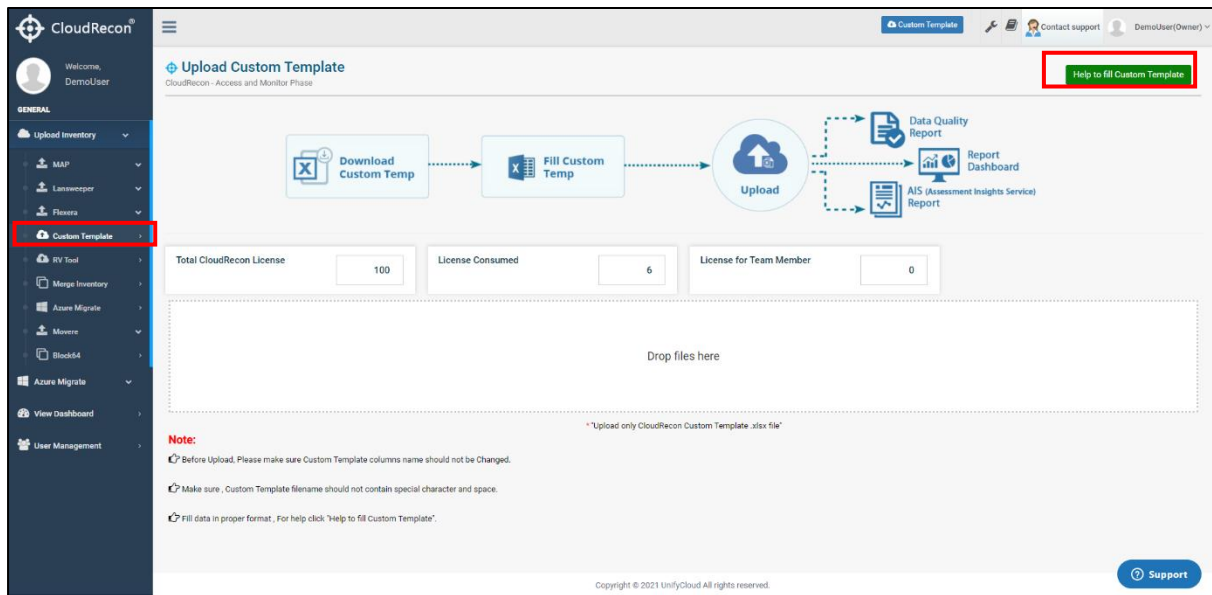


Figure 51: CloudRecon – Custom Template Sheet

CloudRecon's own custom template is generated in .xlsx format as shown in [Figure 52: CloudRecon – Custom Template help Sheet](#)

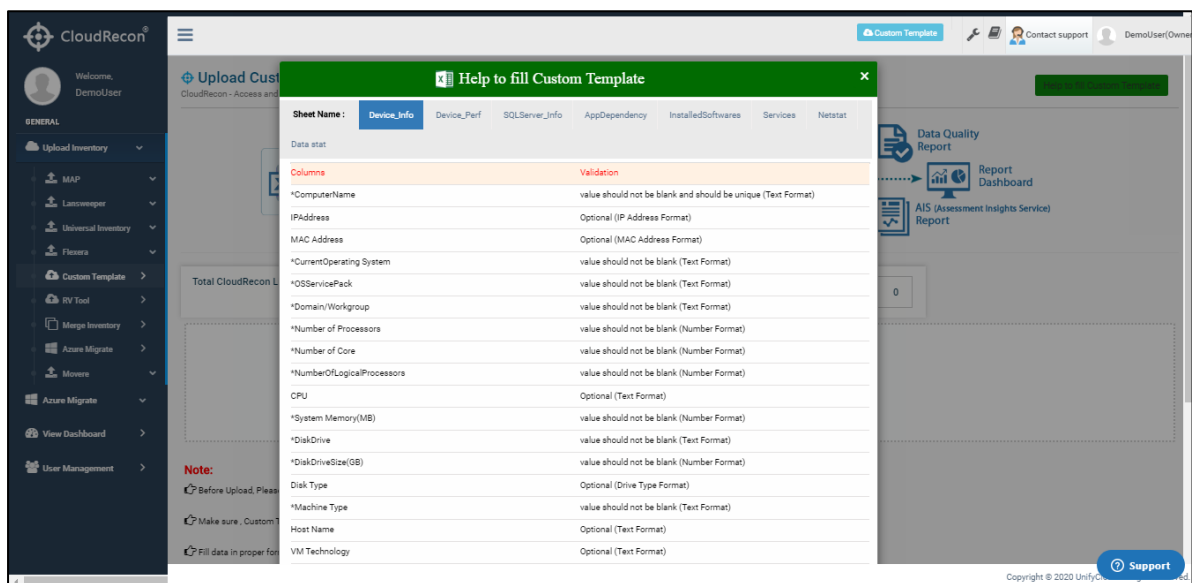



Figure 52: CloudRecon – Custom Template help Sheet

IMPORTANT: To use scanner inventory tools, [click here](#) you will be redirected to the CloudRecon discovery webpage.



Customer Organization Name	
No Of Employee	
Date (YYYY/MM/DD):	
Scanning Tool	

Introduction

The workbook has the following tab structure:

Introduction (This t Provides an overview of how to use the workbook and a summary of the overall upload inventory Data on CloudRecon.

Device_Info- The Tab provides a summary of machines (Windows/Linux etc) with their basic information like Current Operating System, RAM, Core etc, available in your environment.

Device_Perf- This tab provides actual consumption (performance details) of available machines like IO Utilization, CPU Utilization, RAM Utilization etc.

SQLServer_Info- Contains all running SQL Server details found in the environment with SQL Instances and database details.

AppDependency- Provide information of the running applications with the database server details.

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/antimalware etc.

Netstat- Contains all the relevant information about source and destination system connectivity.

How to upload CloudRecon_Template on CloudRecon Portal

Step-1: Login on CloudRecon portal.

Step-2: Go to **Upload Worksheet** tab inside **Upload Inventory** section.

Step-3: Click on Download **CloudReconTemplate** button.

Step-4: Fill the required data fields in worksheet.

Step-5: Click on **browse** button and select the excel file.

Step-6: Click on **Upload** Button.

Step-7: Go to **View Dashboard** page to view the generated Reports.

Introduction

Device_Info

Device_Perf

SQLServer_Info

AppDependency

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.

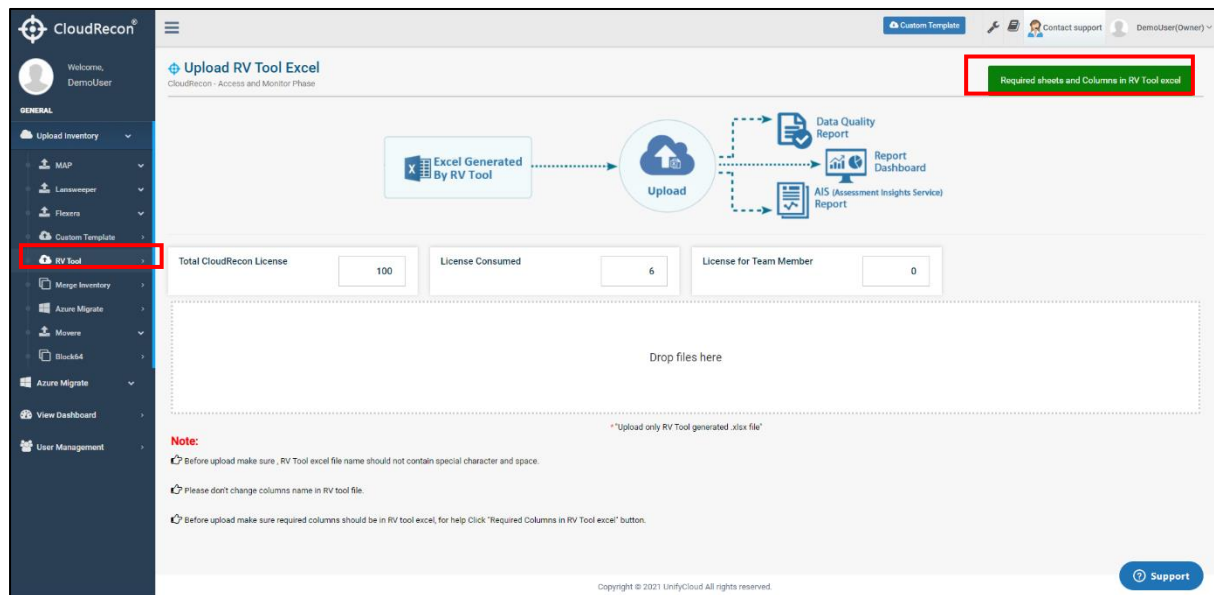


Figure 54: CloudRecon – RV Tool

1. Click on Required Columns in RV Tool excel button to get information about Custom Template essential columns in excel as shown in [Figure 55: CloudRecon – RV Tool help sheet](#).

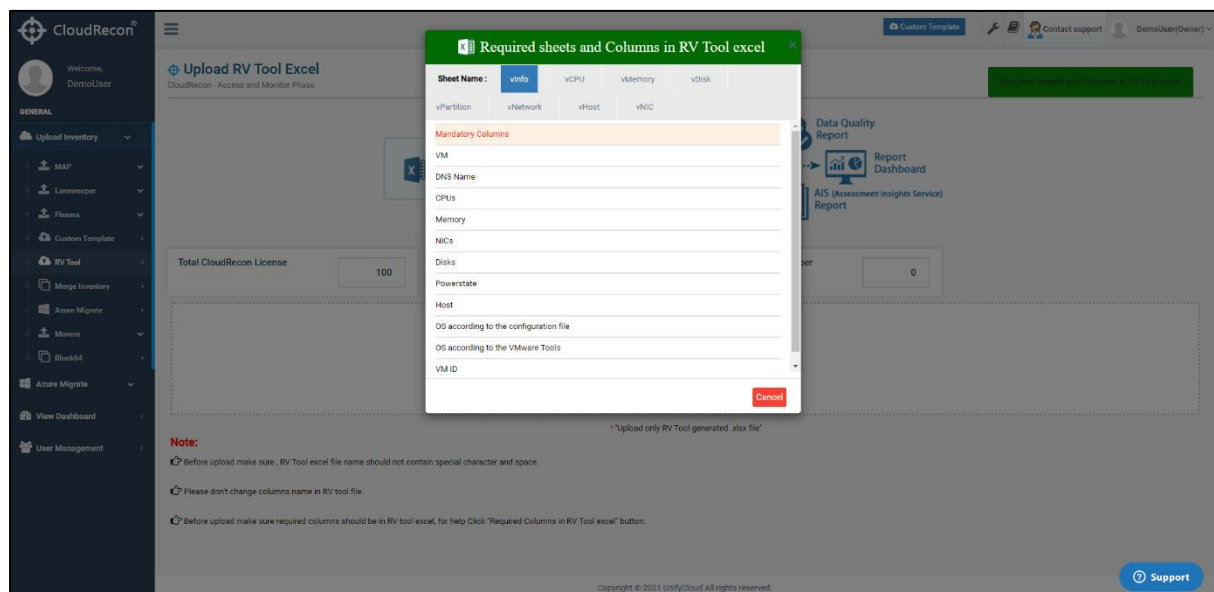


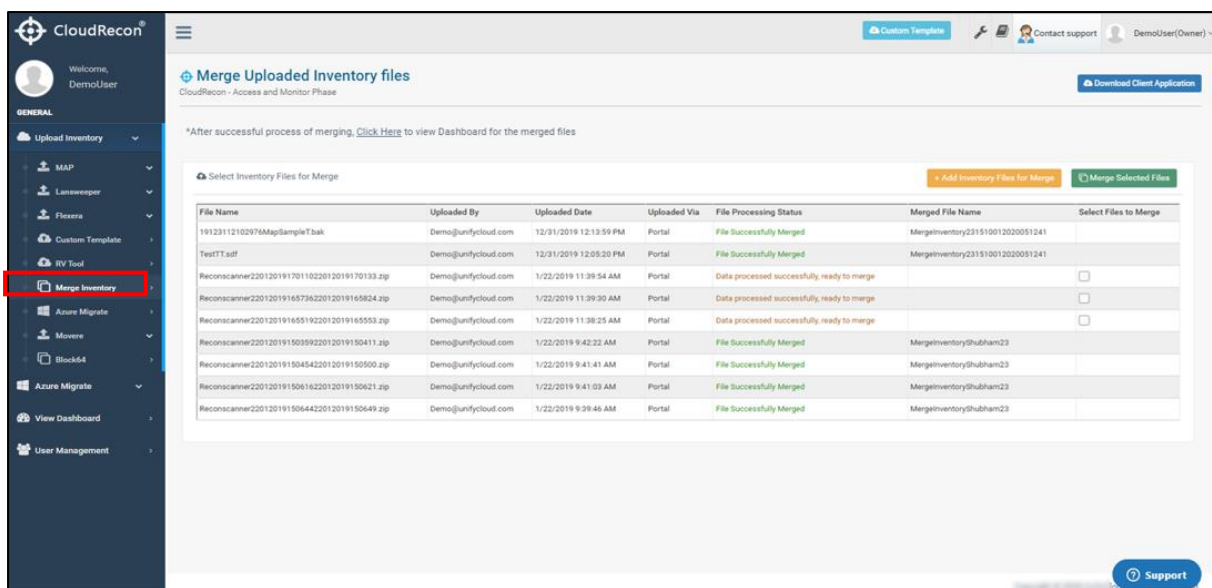
Figure 55: CloudRecon – RV Tool help sheet

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 [Figure 56: CloudRecon - Upload Inventory files and Merge](#)



The screenshot displays the 'Merge Uploaded Inventory files' page in the CloudRecon interface. The left sidebar shows the 'Merge Inventory' option highlighted. The main content area includes a table of uploaded files and a 'Select Inventory Files for Merge' section.

File Name	Uploaded By	Uploaded Date	Uploaded Via	File Processing Status	Merged File Name	Select Files to Merge
19123112102976MapSampleT.bak	Demo@unifycloud.com	12/31/2019 12:13:59 PM	Portal	File Successfully Merged	MergeInventory231510012020051241	<input type="checkbox"/>
TestTT.sdf	Demo@unifycloud.com	12/31/2019 12:05:20 PM	Portal	File Successfully Merged	MergeInventory231510012020051241	<input type="checkbox"/>
Reconscanner2201201917011022012019170133.zip	Demo@unifycloud.com	1/22/2019 11:39:54 AM	Portal	Data processed successfully, ready to merge		<input type="checkbox"/>
Reconscanner2201201916573622012019165824.zip	Demo@unifycloud.com	1/22/2019 11:39:30 AM	Portal	Data processed successfully, ready to merge		<input type="checkbox"/>
Reconscanner2201201916551922012019165553.zip	Demo@unifycloud.com	1/22/2019 11:38:25 AM	Portal	Data processed successfully, ready to merge		<input type="checkbox"/>
Reconscanner2201201915039922012019150411.zip	Demo@unifycloud.com	1/22/2019 9:42:22 AM	Portal	File Successfully Merged	MergeInventoryShubham23	<input type="checkbox"/>
Reconscanner2201201915045422012019150500.zip	Demo@unifycloud.com	1/22/2019 9:41:41 AM	Portal	File Successfully Merged	MergeInventoryShubham23	<input type="checkbox"/>
Reconscanner2201201915061622012019150621.zip	Demo@unifycloud.com	1/22/2019 9:41:03 AM	Portal	File Successfully Merged	MergeInventoryShubham23	<input type="checkbox"/>
Reconscanner2201201915064422012019150649.zip	Demo@unifycloud.com	1/22/2019 9:39:46 AM	Portal	File Successfully Merged	MergeInventoryShubham23	<input type="checkbox"/>

Figure 56: CloudRecon - Upload Inventory files and Merge

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

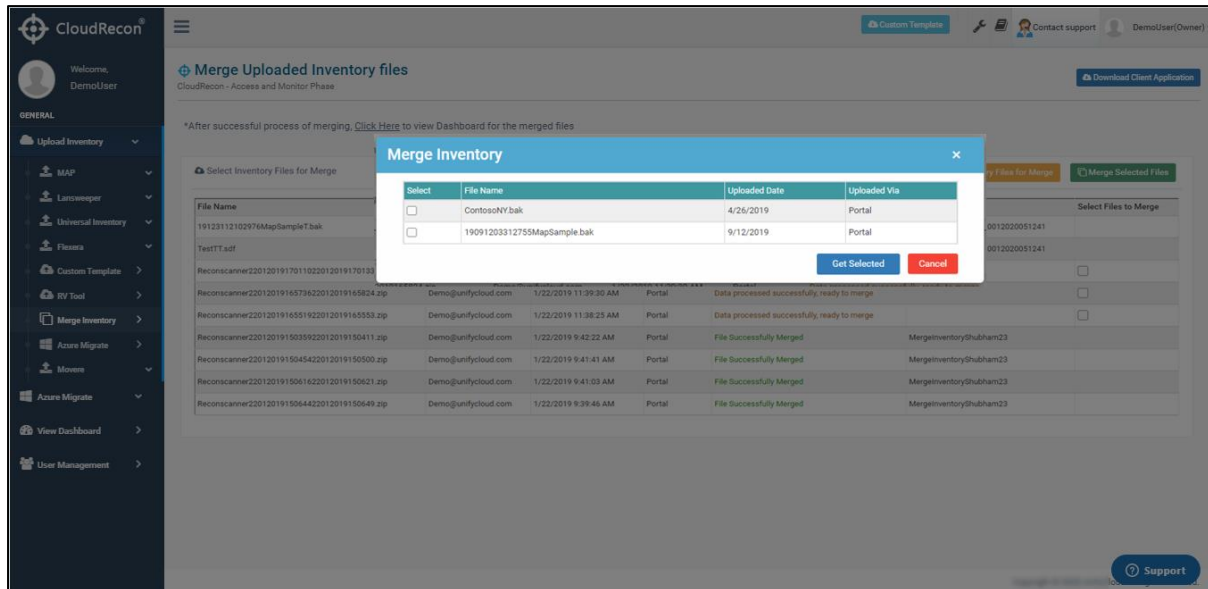


Figure 57: CloudRecon® - Upload and Merge Inventory

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

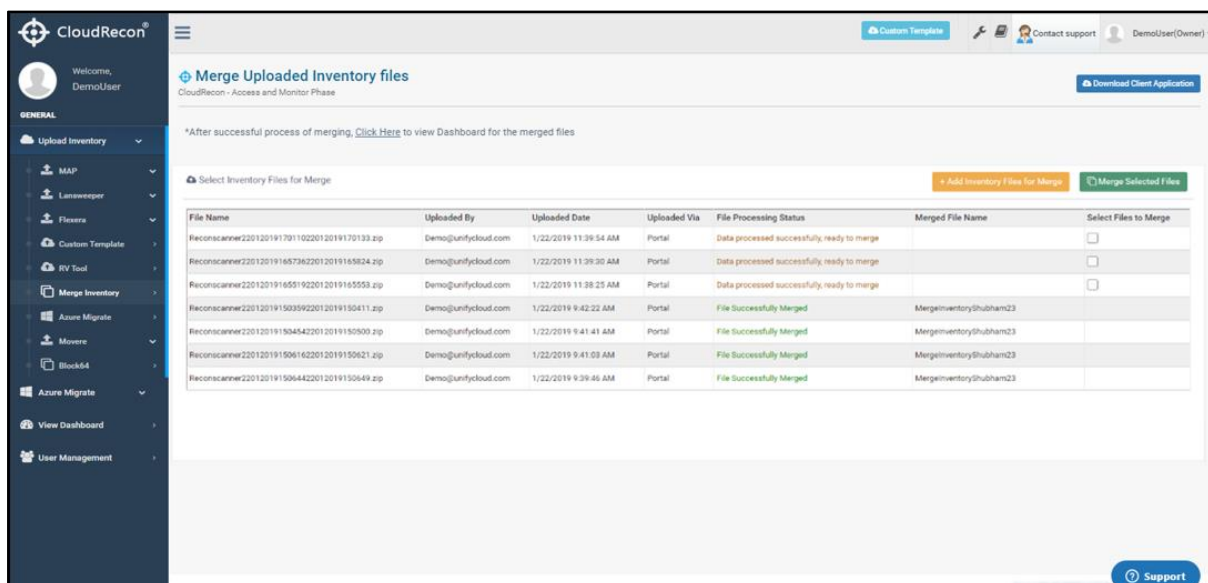


Figure 58: CloudRecon® - Upload and Merge Inventory

Select **Files to merge** check box as shown in [Figure 59: Merge Inventories](#)

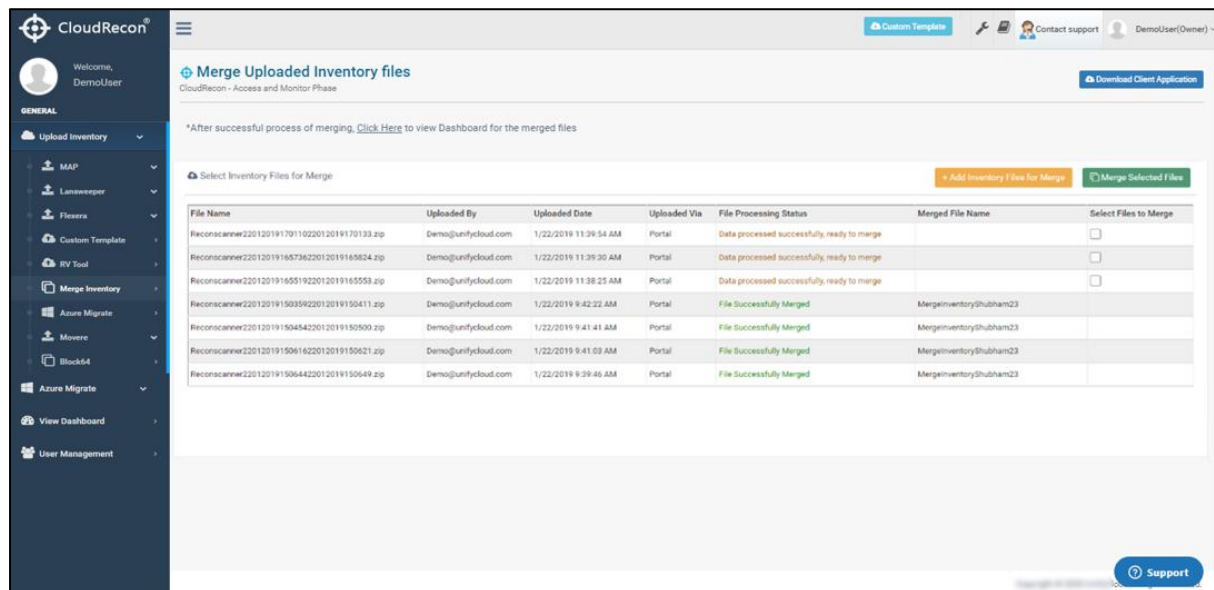


Figure 59: Merge Inventories

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](#)

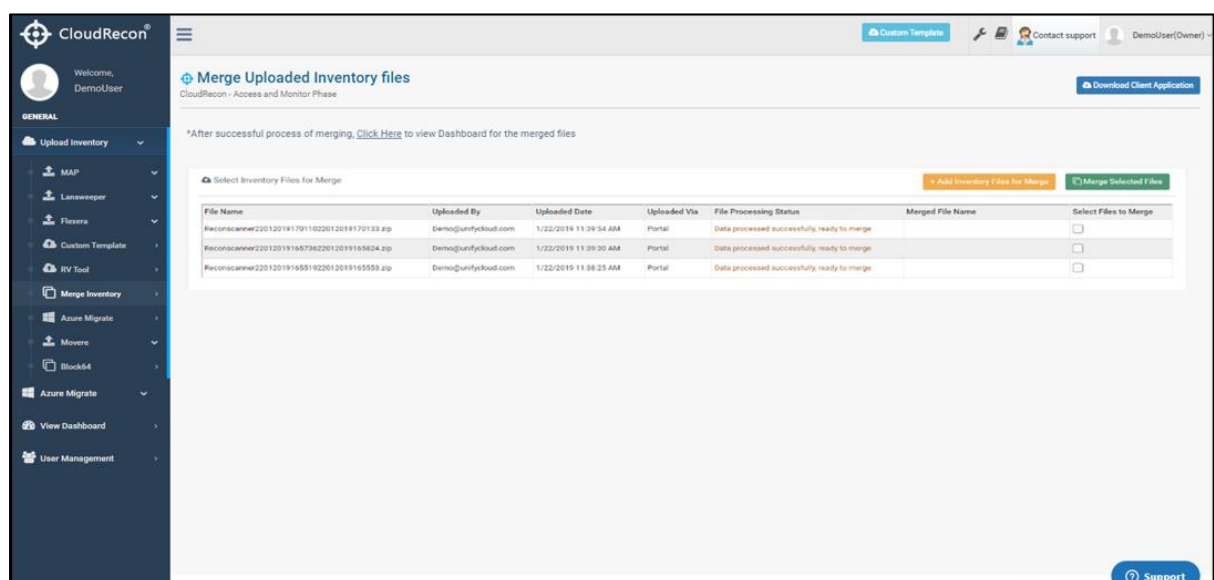
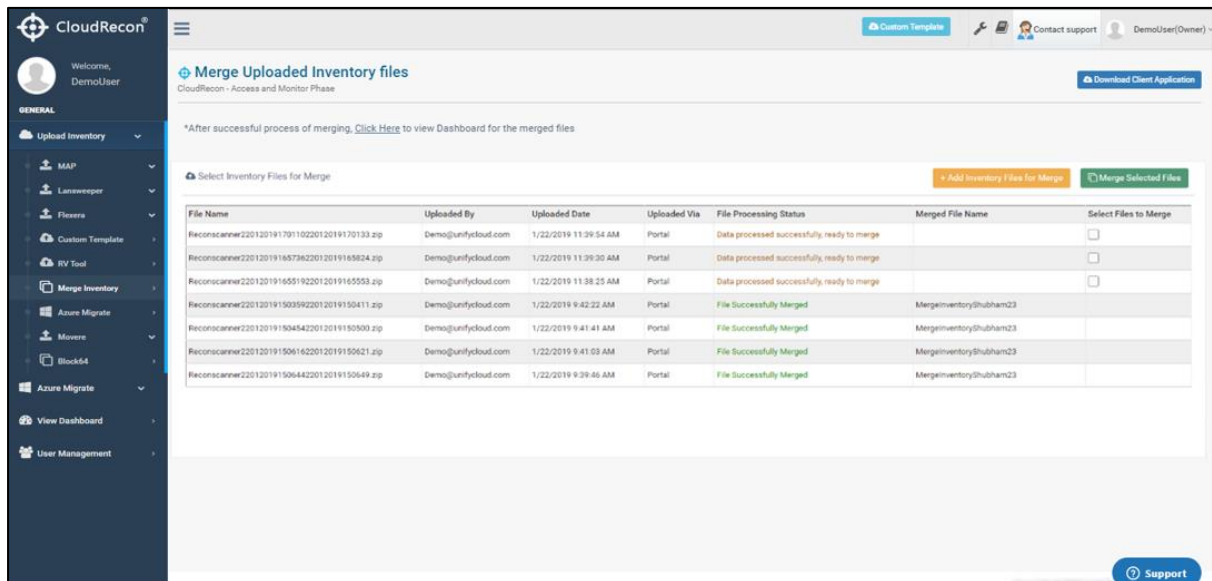


Figure 60: Merge Inventories – In Process

- After successful completion of merging inventory process, as shown in [Figure 61: Merge Inventories – Successfully completed](#)

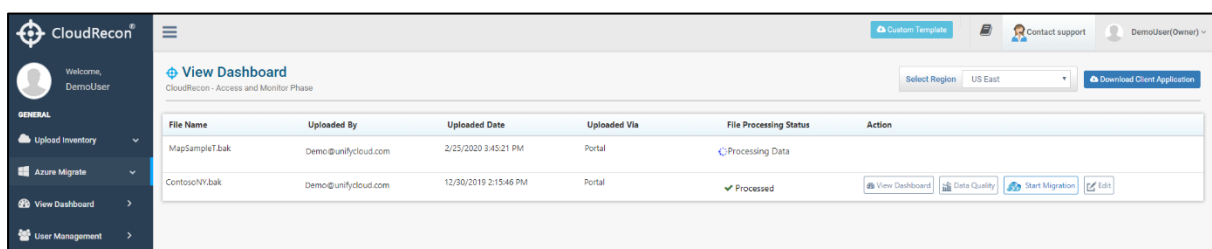


The screenshot shows the 'Merge Uploaded Inventory files' page in the CloudRecon interface. The page title is 'Merge Uploaded Inventory files' with a subtitle 'CloudRecon - Access and Monitor Phase'. A note states: '*After successful process of merging, [Click Here](#) to view Dashboard for the merged files'. Below this, there is a section 'Select Inventory Files for Merge' with buttons for '+ Add Inventory Files for Merge' and 'Merge Selected Files'. A table lists the files being merged:

File Name	Uploaded By	Uploaded Date	Uploaded Via	File Processing Status	Merged File Name	Select Files to Merge
Reconscanner2201201917011022012019170133.zip	Demo@unifycloud.com	1/22/2019 11:39:54 AM	Portal	Data processed successfully, ready to merge		<input type="checkbox"/>
Reconscanner2201201918573622012019185824.zip	Demo@unifycloud.com	1/22/2019 11:39:30 AM	Portal	Data processed successfully, ready to merge		<input type="checkbox"/>
Reconscanner2201201916551922012019165553.zip	Demo@unifycloud.com	1/22/2019 11:38:25 AM	Portal	Data processed successfully, ready to merge		<input type="checkbox"/>
Reconscanner2201201915039922012019150411.zip	Demo@unifycloud.com	1/22/2019 9:42:22 AM	Portal	File Successfully Merged	MergeInventoryShubham23	
Reconscanner2201201915045422012019150500.zip	Demo@unifycloud.com	1/22/2019 9:41:41 AM	Portal	File Successfully Merged	MergeInventoryShubham23	
Reconscanner2201201915061622012019150621.zip	Demo@unifycloud.com	1/22/2019 9:41:03 AM	Portal	File Successfully Merged	MergeInventoryShubham23	
Reconscanner2201201915064422012019150649.zip	Demo@unifycloud.com	1/22/2019 9:39:46 AM	Portal	File Successfully Merged	MergeInventoryShubham23	

Figure 61: Merge Inventories – Successfully completed

You will be directed to the View Dashboard page as shown in [Figure 62: CloudRecon® - View Merge Inventory](#)



The screenshot shows the 'View Dashboard' page in the CloudRecon interface. The page title is 'View Dashboard' with a subtitle 'CloudRecon - Access and Monitor Phase'. A 'Select Region' dropdown is set to 'US East'. Below this, a table lists the inventory files:

File Name	Uploaded By	Uploaded Date	Uploaded Via	File Processing Status	Action
MapSampleTbak	Demo@unifycloud.com	2/25/2020 3:45:21 PM	Portal	Processing Data	
ContosoNYbak	Demo@unifycloud.com	12/30/2019 2:15:46 PM	Portal	Processed	View Dashboard Data Quality Start Migration Edit

Figure 62: CloudRecon® - View Merge Inventory

- 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: <https://cloudrecon.cloudatlasinc.com/loginpopup.aspx>

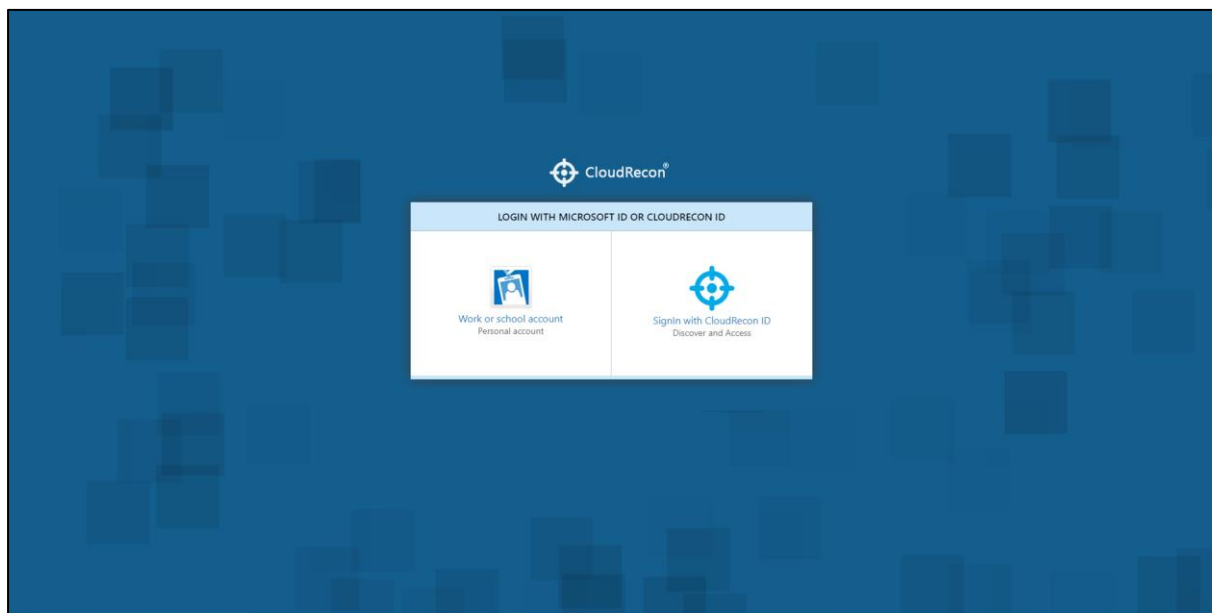


Figure 63: Login Page

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](#)

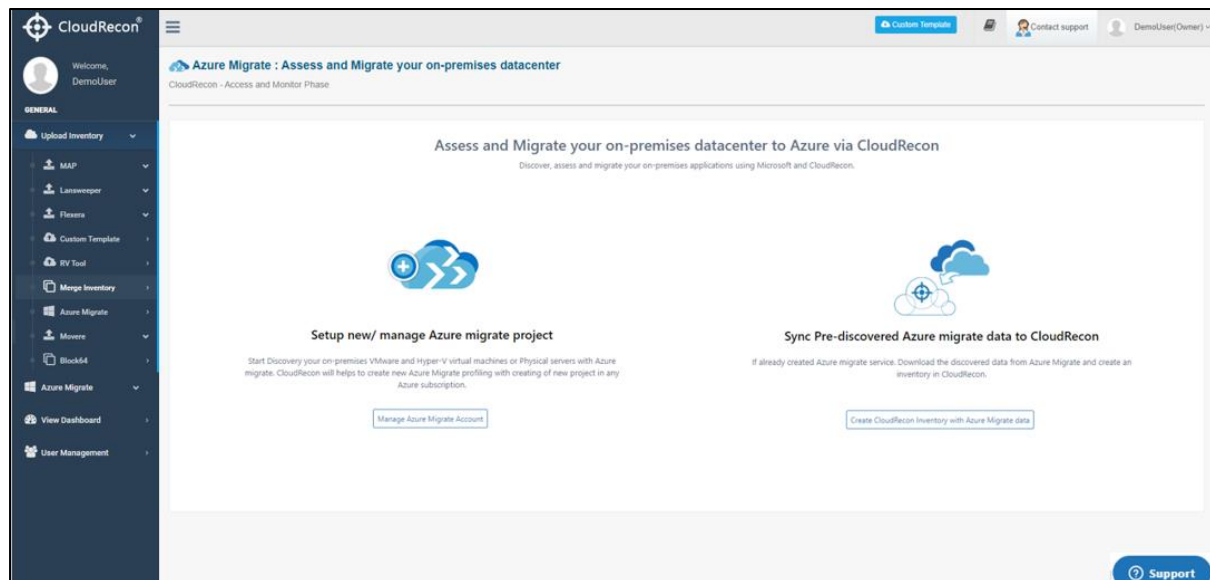


Figure 64: Azure Migrate

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](#)

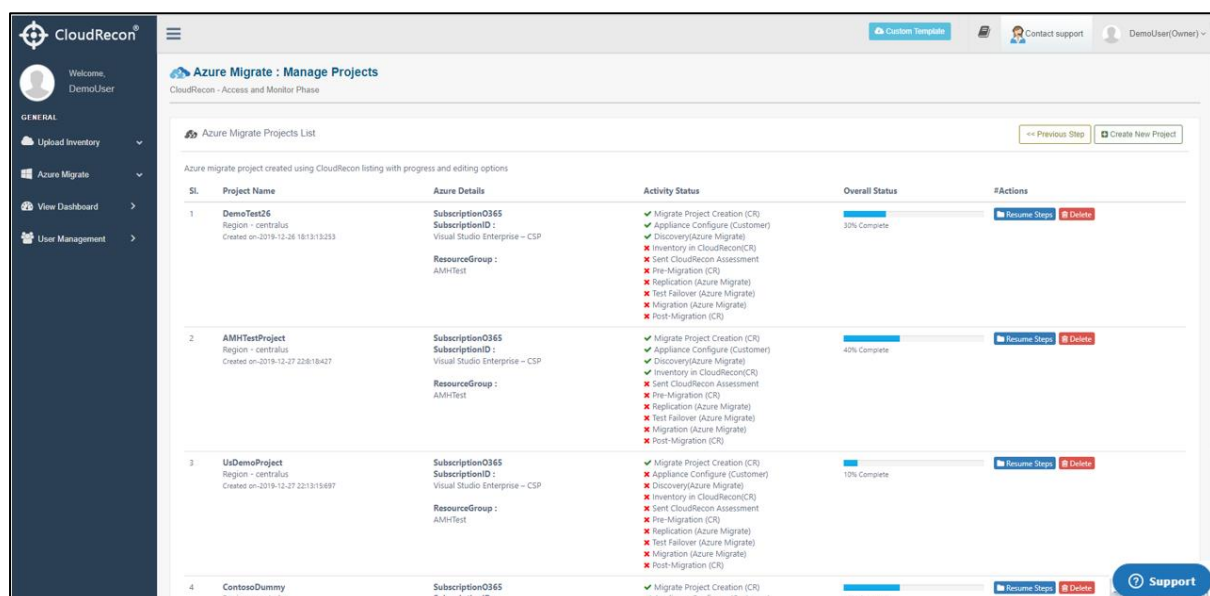
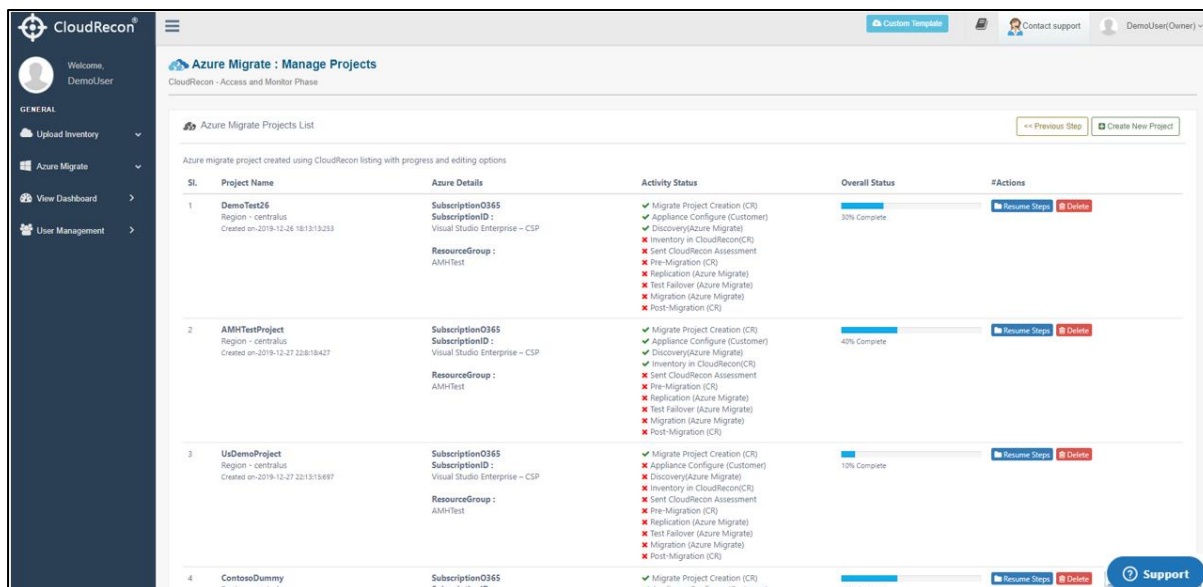


Figure 65: Azure Migrate-Manage Projects

Step 4: To Create new project Click on **Create New Project** button. As shown in [Figure 66:](#)
[Azure Migrate- Create New Project](#)



Sl.	Project Name	Azure Details	Activity Status	Overall Status	Actions
1	DemoTest26 Region - centralus Created on-2019-12-26 18:13:13:253	SubscriptionID : Visual Studio Enterprise - CSP ResourceGroup : AMHTest	<ul style="list-style-type: none"> ✓ Migrate Project Creation (CR) ✓ Appliance Configure (Customer) ✓ Discovery(Azure Migrate) ✗ Inventory in CloudRecon(CR) ✗ Sent CloudRecon Assessment ✗ Pre-Migration (CR) ✗ Replication (Azure Migrate) ✗ Test Follower (Azure Migrate) ✗ Migration (Azure Migrate) ✗ Post-Migration (CR) 	30% Complete	Resume Steps Delete
2	AMHTestProject Region - centralus Created on-2019-12-27 22:8:18:427	SubscriptionID : Visual Studio Enterprise - CSP ResourceGroup : AMHTest	<ul style="list-style-type: none"> ✓ Migrate Project Creation (CR) ✓ Appliance Configure (Customer) ✓ Discovery(Azure Migrate) ✓ Inventory in CloudRecon(CR) ✗ Sent CloudRecon Assessment ✗ Pre-Migration (CR) ✗ Replication (Azure Migrate) ✗ Test Follower (Azure Migrate) ✗ Migration (Azure Migrate) ✗ Post-Migration (CR) 	40% Complete	Resume Steps Delete
3	UsDemoProject Region - centralus Created on-2019-12-27 22:13:15:697	SubscriptionID : Visual Studio Enterprise - CSP ResourceGroup : AMHTest	<ul style="list-style-type: none"> ✓ Migrate Project Creation (CR) ✗ Appliance Configure (Customer) ✗ Discovery(Azure Migrate) ✗ Inventory in CloudRecon(CR) ✗ Sent CloudRecon Assessment ✗ Pre-Migration (CR) ✗ Replication (Azure Migrate) ✗ Test Follower (Azure Migrate) ✗ Migration (Azure Migrate) ✗ Post-Migration (CR) 	10% Complete	Resume Steps Delete
4	ContosoDummy Region - centralus	SubscriptionID : SubscriptionID :	<ul style="list-style-type: none"> ✓ Migrate Project Creation (CR) ✓ Appliance Configure (Customer) 	60% Complete	Resume Steps Delete

Figure 66: Azure Migrate- Create New Project

Step 5: There are three options to create new Azure Migrate project. As shown in [Figure 67: Azure Migrate- Manage New Project](#)

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

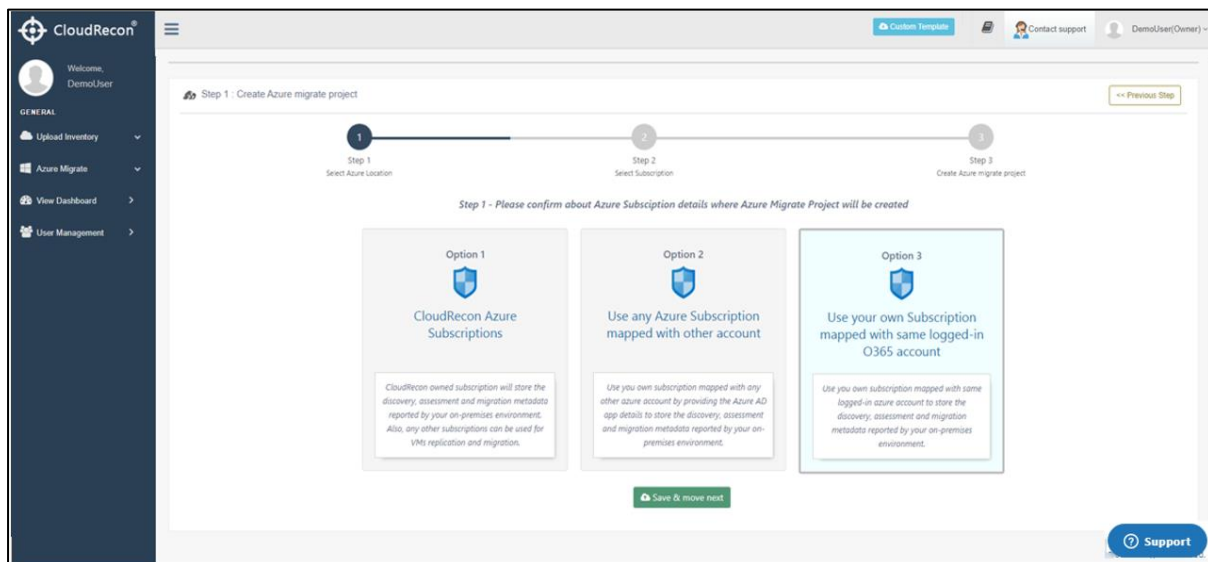


Figure 67: Azure Migrate- Manage New Project

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 [Figure 68: Azure Migrate- Subscription & Resource group info](#)

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

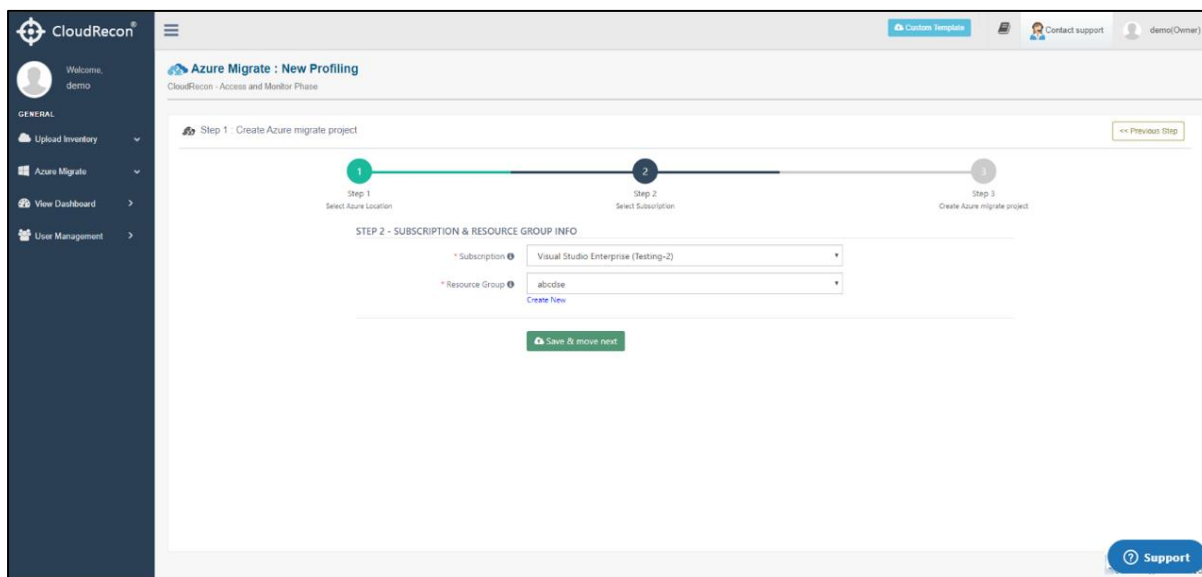


Figure 68: Azure Migrate- Subscription & Resource group info

Step7:

Now provide Project details and click on '**Submit & Create.**' As shown in [Figure 69: Azure Migrate - Project details](#)

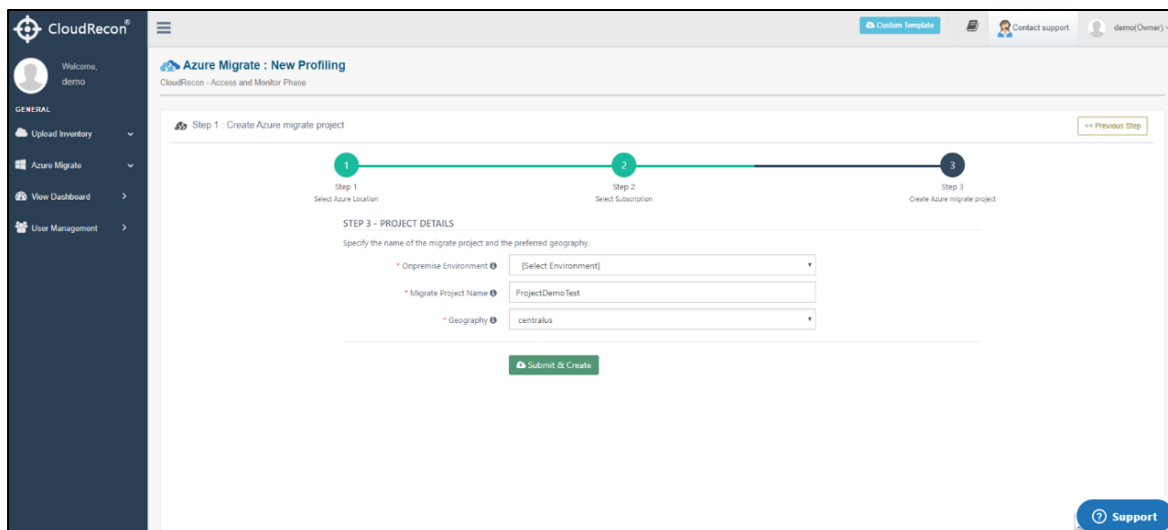


Figure 69: Azure Migrate - Project details

Azure Migrate project Registration is in process; it will take a while. As shown in [Figure 70: Azure Migrate -Registration Process](#)

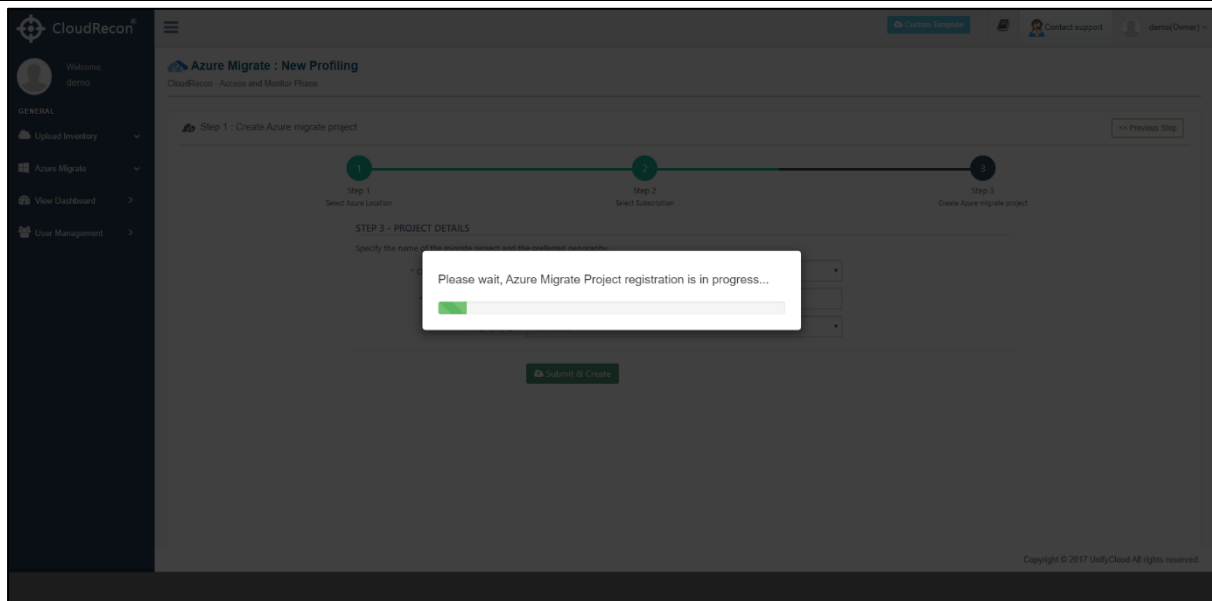


Figure 70: Azure Migrate -Registration Process

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](#)

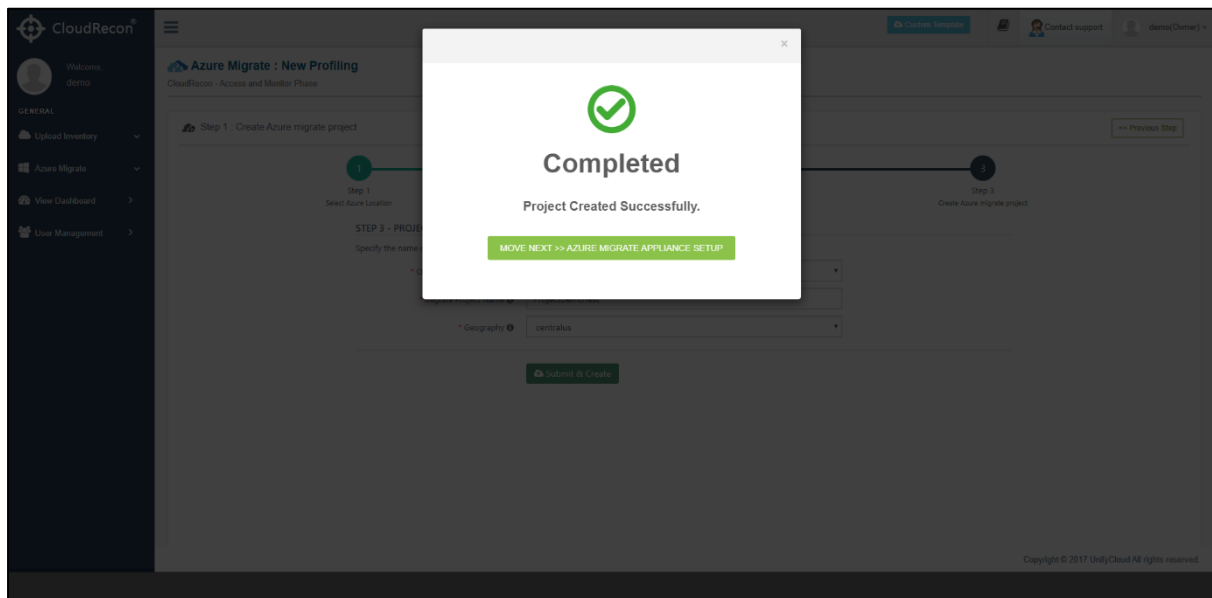


Figure 71: Azure Migrate -Project Created Successfully

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](#)

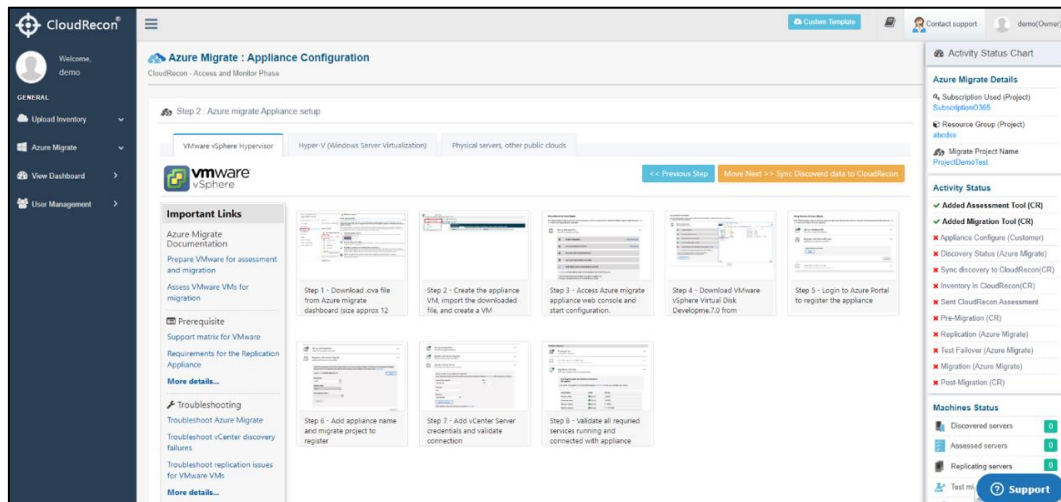


Figure 72: Azure Migrate – Appliance Configuration

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 [Figure 73: Azure Migrate – Sync Pre-Discovered data](#)

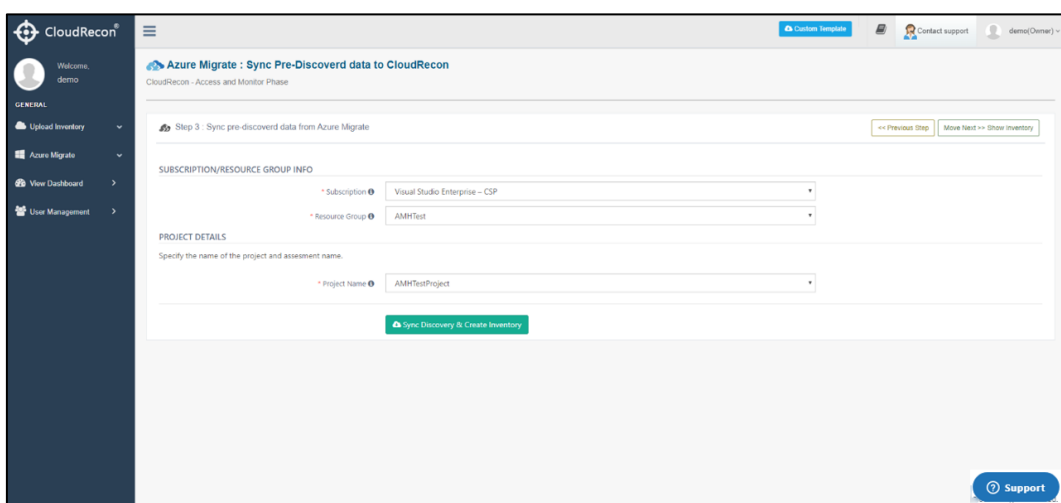
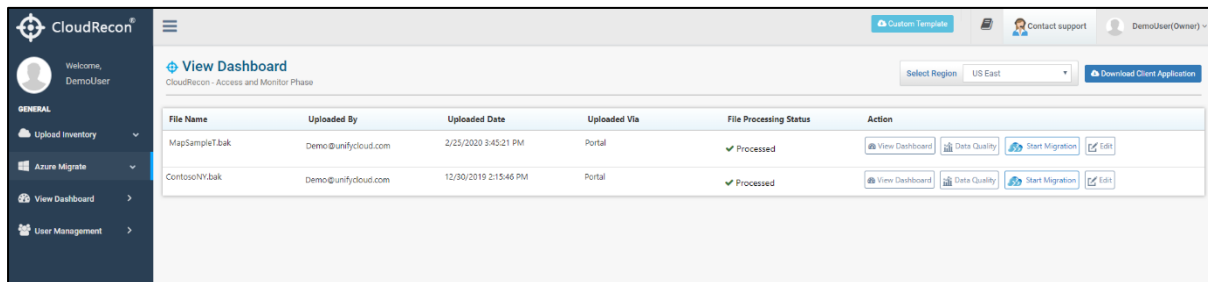


Figure 73: Azure Migrate – Sync Pre-Discovered data

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

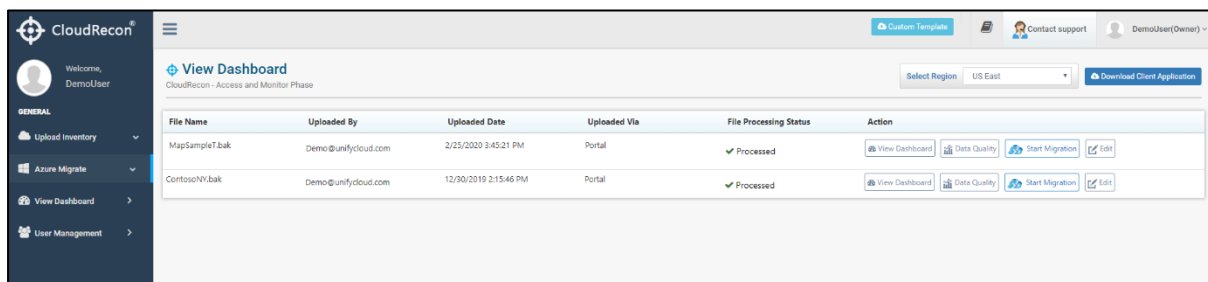


File Name	Uploaded By	Uploaded Date	Uploaded Via	File Processing Status	Action
MapSampleT.bak	Demo@unifycloud.com	2/25/2020 3:45:21 PM	Portal	✓ Processed	View Dashboard Data Quality Start Migration Edit
ContosoNY.bak	Demo@unifycloud.com	12/30/2019 2:15:46 PM	Portal	✓ Processed	View Dashboard Data Quality Start Migration Edit

Figure 74: CloudRecon - View Azure Migrate Inventory

Step 11:

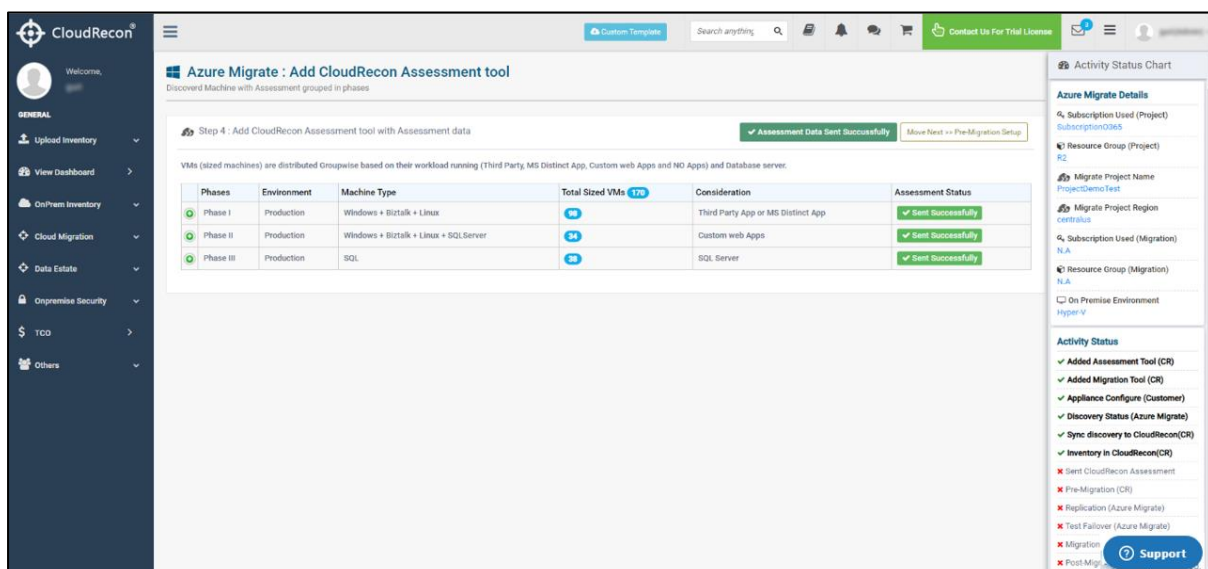
Click on Start Migration As shown in [Figure 75: CloudRecon® - View Dashboard](#)



File Name	Uploaded By	Uploaded Date	Uploaded Via	File Processing Status	Action
MapSampleT.bak	Demo@unifycloud.com	2/25/2020 3:45:21 PM	Portal	✓ Processed	View Dashboard Data Quality Start Migration Edit
ContosoNY.bak	Demo@unifycloud.com	12/30/2019 2:15:46 PM	Portal	✓ Processed	View Dashboard Data Quality Start Migration Edit

Figure 75: CloudRecon® - View Dashboard

Send CloudRecon assessment data Groupwise to Azure Migrate Project As shown in [Figure 76: Azure Migrate – Add CloudRecon assessment tool](#)



Phases	Environment	Machine Type	Total Sized VMs	Consideration	Assessment Status
Phase I	Production	Windows + Biztalk + Linux	04	Third Party App or MS Distinct App	✓ Sent Successfully
Phase II	Production	Windows + Biztalk + Linux + SQL Server	04	Custom web Apps	✓ Sent Successfully
Phase III	Production	SQL	04	SQL Server	✓ Sent Successfully

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 [Figure 77: Azure Migrate – Migration setup](#)

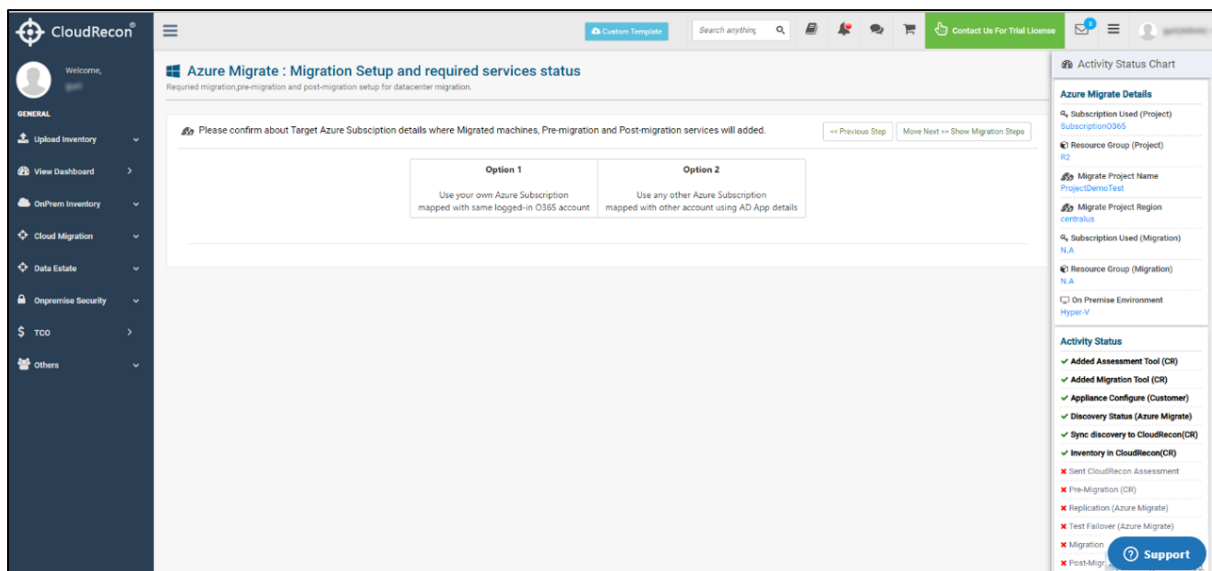


Figure 77: Azure Migrate – Migration setup

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

Click on '**Save Subscription Details.**' As shown in

[Figure 78: Azure Migrate – Setup Azure environment for migration](#)

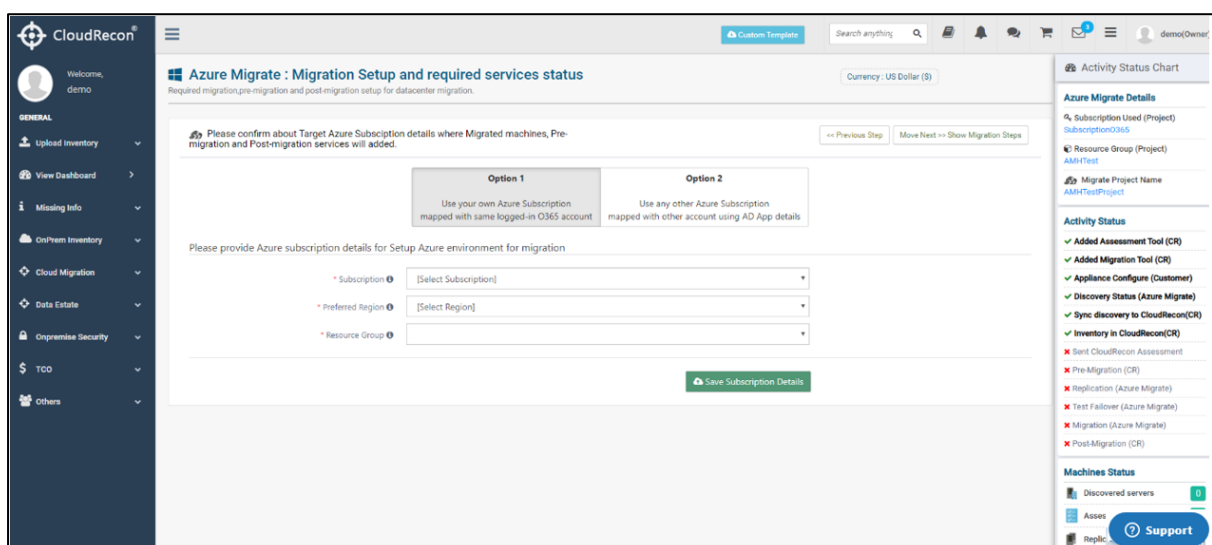


Figure 78: Azure Migrate – Setup Azure environment for migration

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](#)

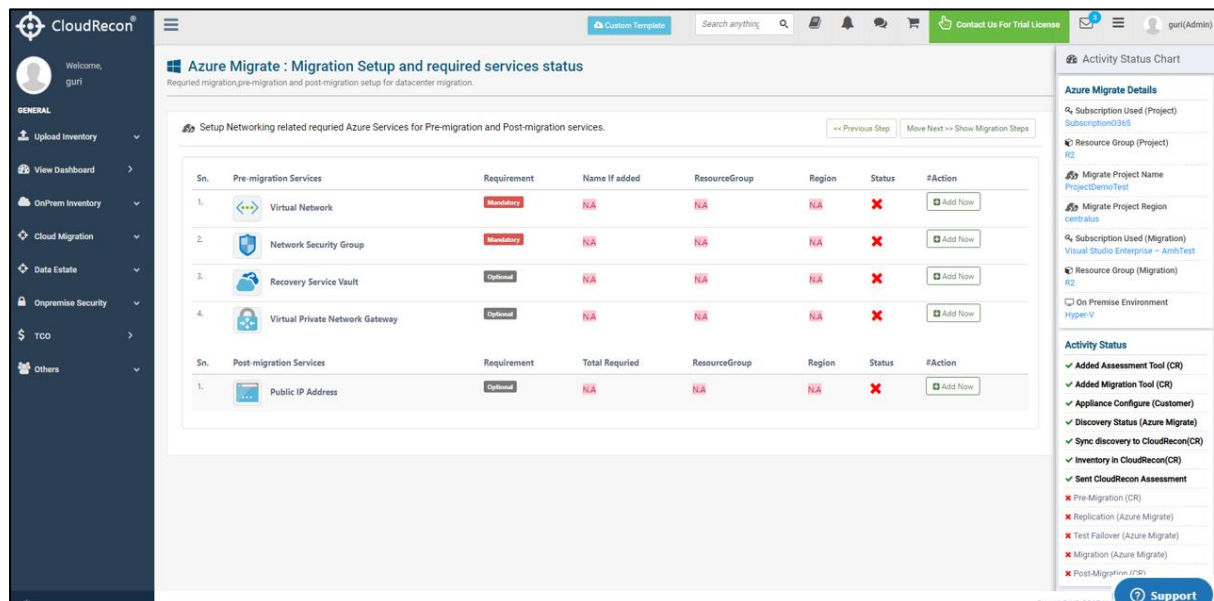


Figure 79: Azure Migrate – Required Services status

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](#)

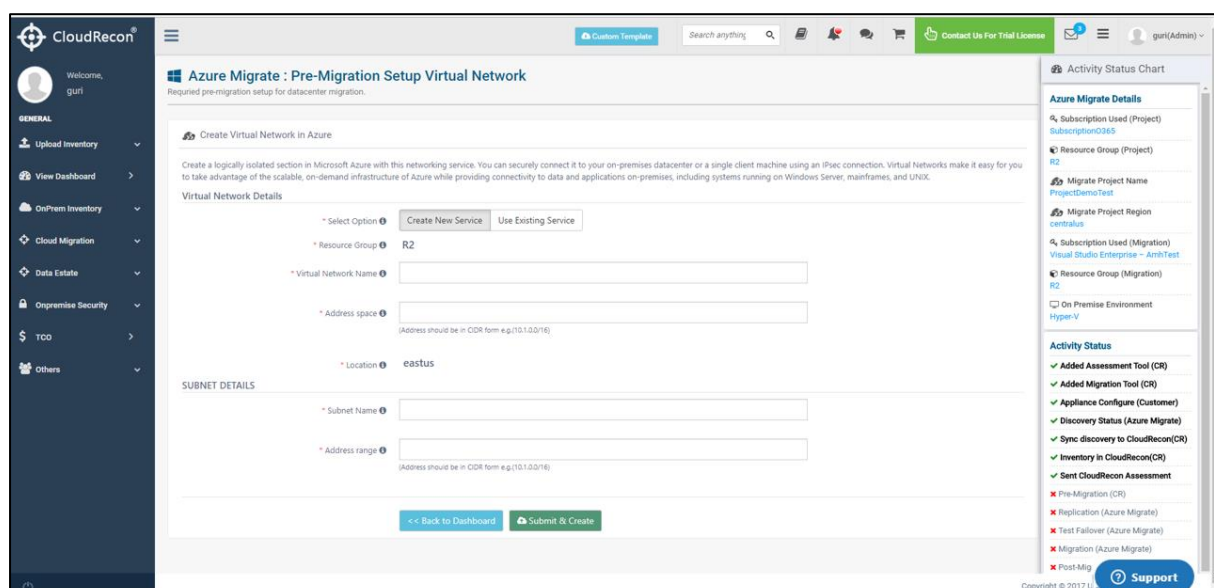
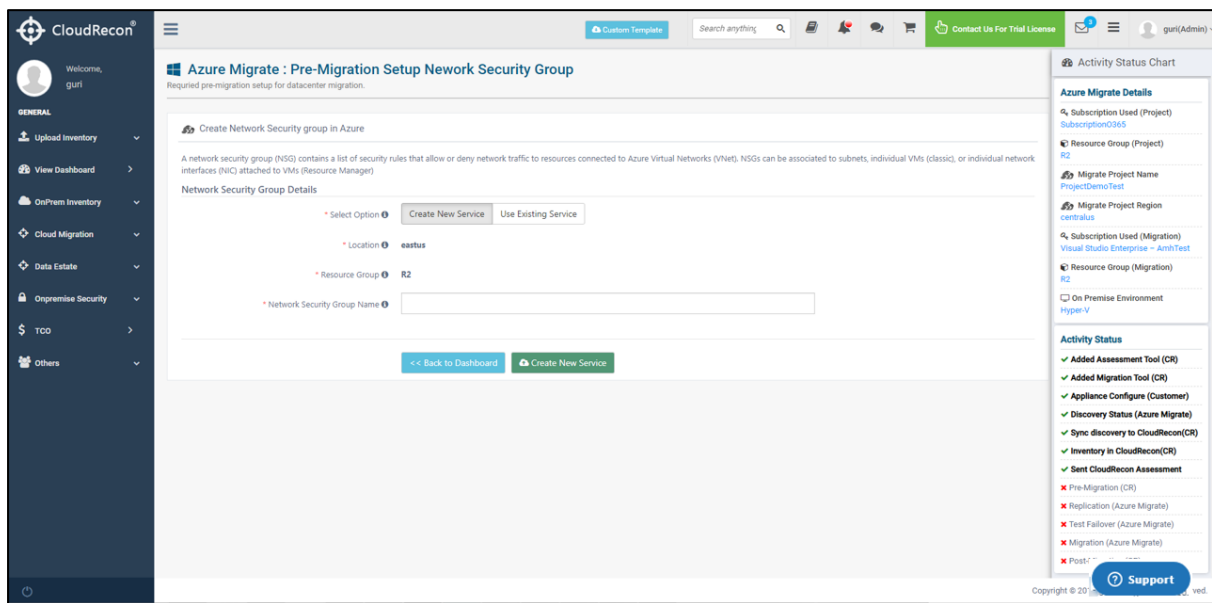


Figure 80: Pre-Migration- Create Virtual Network

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

Click on **'submit & create.'** As shown in [Figure 81: Pre-Migration- Create Network Security Group](#)



Azure Migrate : Pre-Migration Setup Network Security Group
Required pre-migration setup for datacenter migration.

Create Network Security group in Azure

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 interfaces (NIC) attached to VMs (Resource Manager).

Network Security Group Details

* Select Option ☐ Create New Service ☐ Use Existing Service

* Location

* Resource Group

* Network Security Group Name

<< Back to Dashboard Create New Service

Activity Status Chart

Azure Migrate Details

- Subscription Used (Project) Subscription0365
- Resource Group (Project) R2
- Migrate Project Name ProjectDemoTest
- Migrate Project Region centralus
- Subscription Used (Migration) Visual Studio Enterprise - ArinTest
- Resource Group (Migration) R2
- On Premise Environment Hyper-V

Activity Status

- ✓ 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)
- ✗ Test Failover (Azure Migrate)
- ✗ Migration (Azure Migrate)
- ✗ Post-Migration (Azure Migrate)

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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](#)

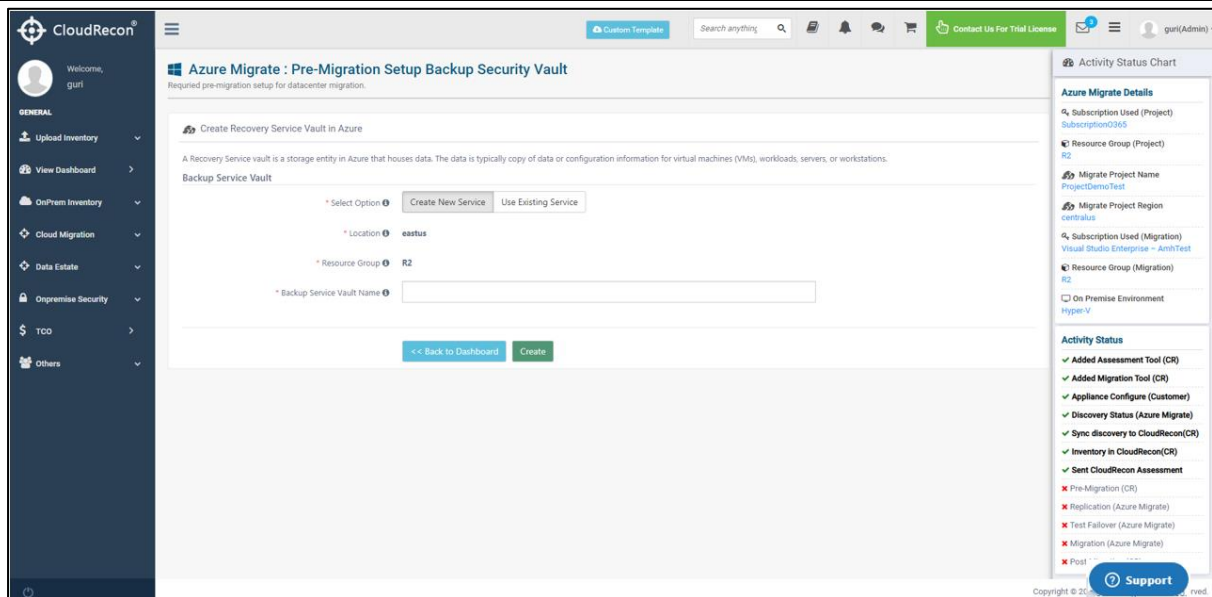


Figure 82: Pre-Migration- Create Backup Security Vault

Pre-Migration (Create Local Network Gateway).

As shown in [Figure 83: Pre-Migration- Create Local Network Gateway](#) Gateway

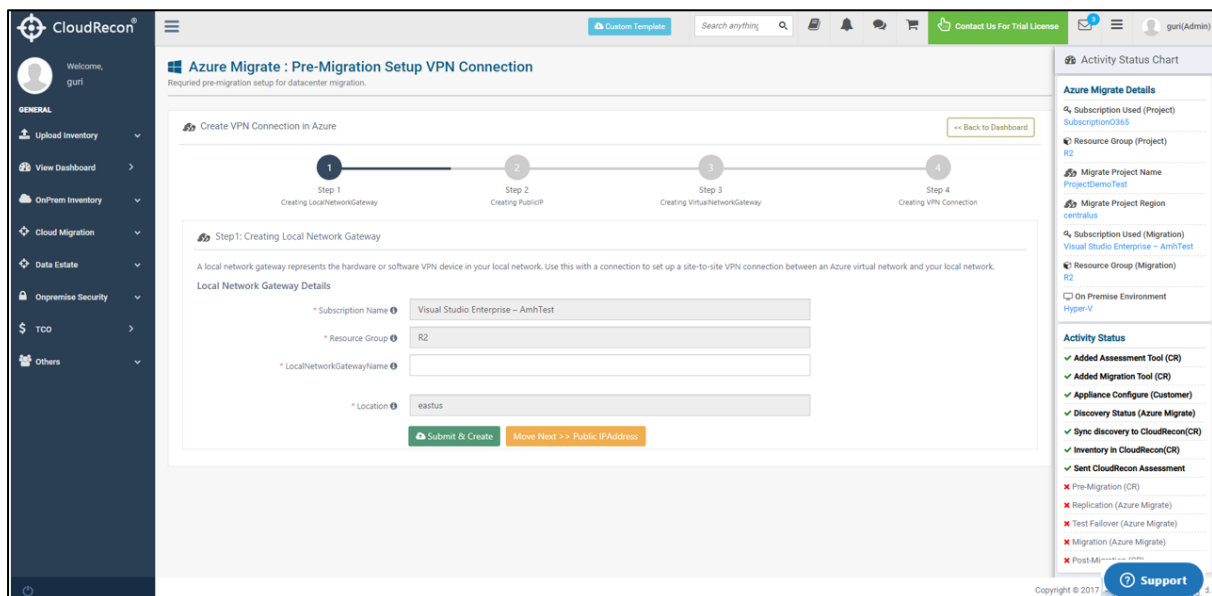


Figure 83: Pre-Migration- Create Local Network Gateway

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

As shown in [Figure 84: Pre-Migration- Create Public IP Address](#)

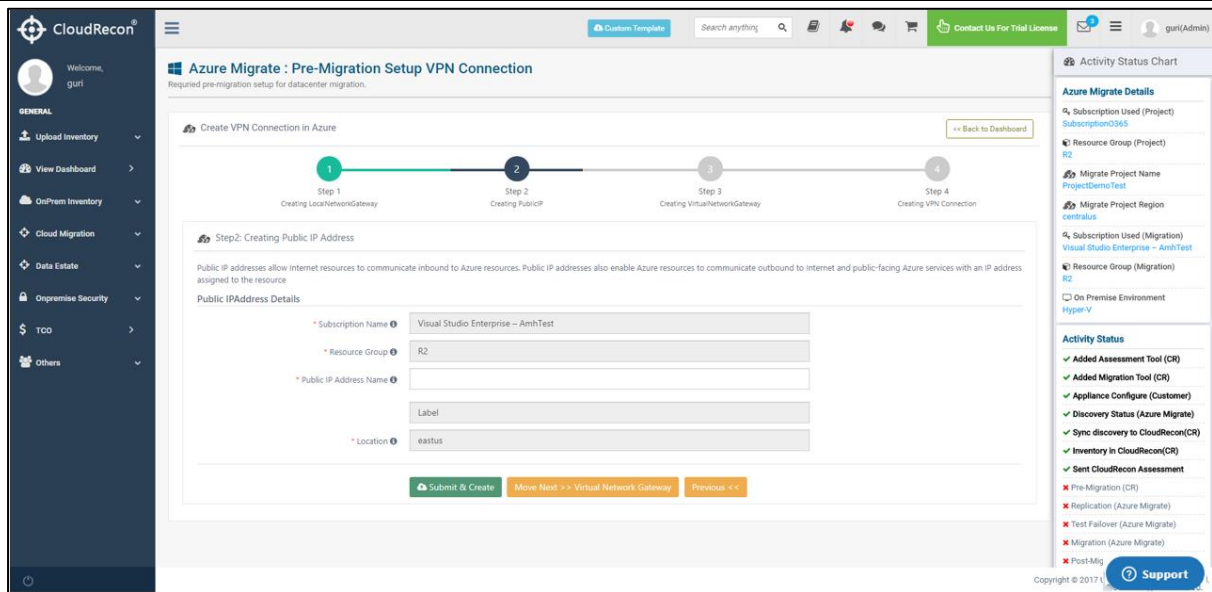


Figure 84: Pre-Migration- Create Public IP Address

Pre-Migration (Create Virtual Network Gateway).

As shown in [Figure 85: Pre-Migration- Create Virtual Network Gateway](#) Gateway

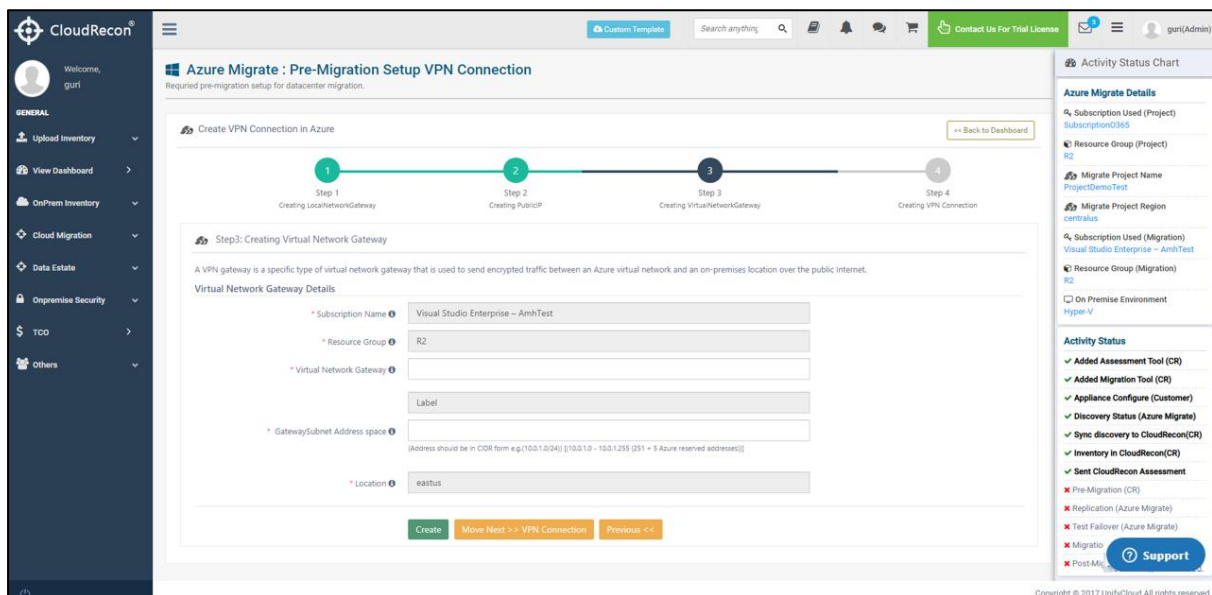
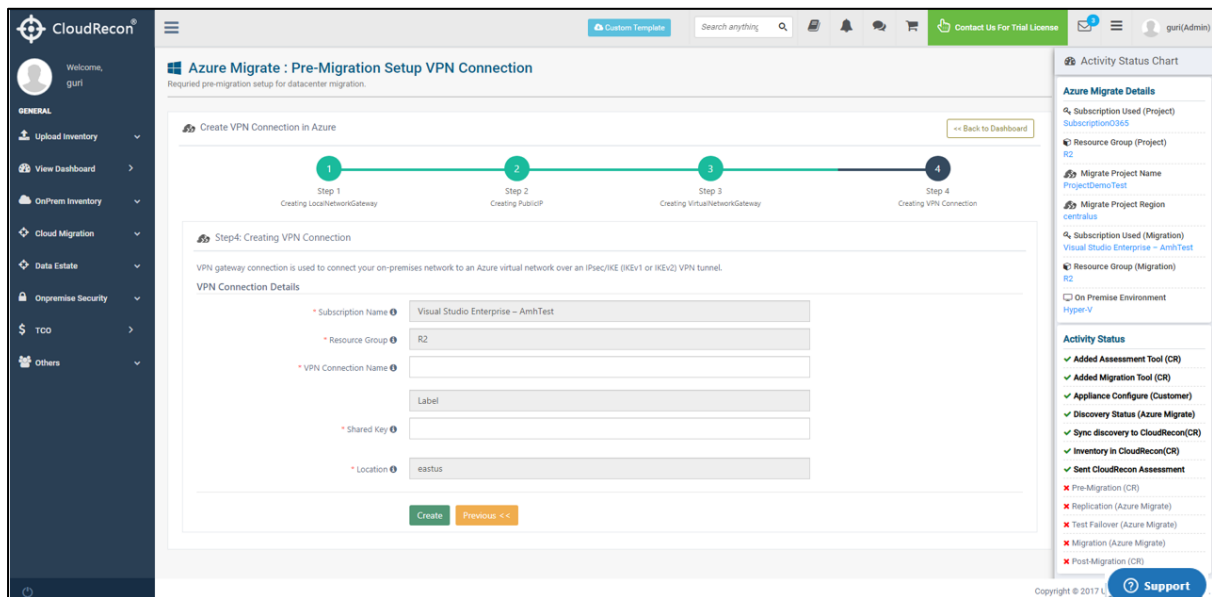


Figure 85: Pre-Migration- Create Virtual Network Gateway

Pre-Migration (Create VPN Connection).

As shown in [Figure 86: Pre-Migration- Create VPN Connection](#)



Azure Migrate: Pre-Migration Setup VPN Connection
Required pre-migration setup for datacenter migration.

Create VPN Connection in Azure

Step 1: Creating LocalNetworkGateway
Step 2: Creating PublicIP
Step 3: Creating VirtualNetworkGateway
Step 4: Creating VPN Connection

Step 4: Creating VPN Connection

VPN gateway connection is used to connect your on-premises network to an Azure virtual network over an IPsec/IKE (IKEv1 or IKEv2) VPN tunnel.

VPN Connection Details

- Subscription Name: Visual Studio Enterprise - AmhTest
- Resource Group: R2
- VPN Connection Name:
- Label:
- Shared Key:
- Location: eastus

[Create](#) [Previous <<](#)

Activity Status Chart

Azure Migrate Details

- Subscription Used (Project): Subscription0365
- Resource Group (Project): R2
- Migrate Project Name: ProjectDemoTest
- Migrate Project Region: centralus
- Subscription Used (Migration): Visual Studio Enterprise - AmhTest
- Resource Group (Migration): R2
- On Premise Environment: Hyper-V

Activity Status

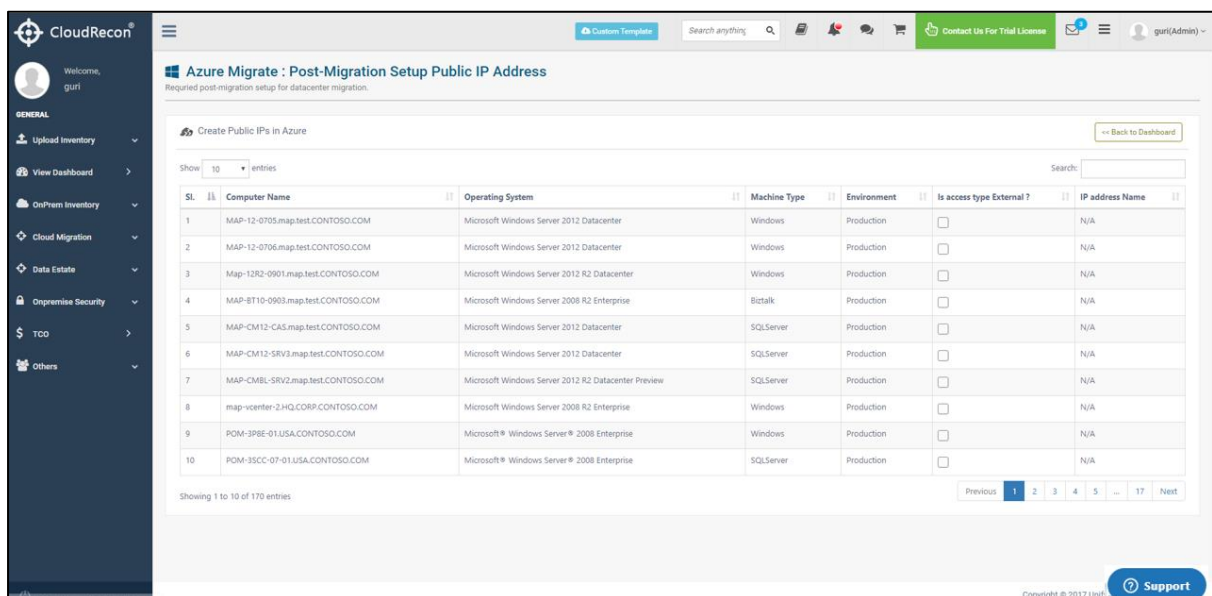
- ✓ Added Assessment Tool (CR)
- ✓ Added Migration Tool (CR)
- ✓ Appliance Configure (Customer)
- ✓ Discovery Status (Azure Migrate)
- ✓ Sync discovery to CloudRecon(CR)
- ✓ Inventory in CloudRecon(CR)
- ✓ Sent CloudRecon Assessment
- ✗ Pre-Migration (CR)
- ✗ Replication (Azure Migrate)
- ✗ Test Failover (Azure Migrate)
- ✗ Migration (Azure Migrate)
- ✗ Post-Migration (CR)

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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](#)



Azure Migrate: Post-Migration Setup Public IP Address
Required post-migration setup for datacenter migration.

Create Public IPs in Azure

Show: 10 entries

SI	Computer Name	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	<input type="checkbox"/>	N/A
2	MAP-12-0706.map.test.CONTOSO.COM	Microsoft Windows Server 2012 Datacenter	Windows	Production	<input type="checkbox"/>	N/A
3	Map-12R2-0901.map.test.CONTOSO.COM	Microsoft Windows Server 2012 R2 Datacenter	Windows	Production	<input type="checkbox"/>	N/A
4	MAP-BT10-0903.map.test.CONTOSO.COM	Microsoft Windows Server 2008 R2 Enterprise	Bitalk	Production	<input type="checkbox"/>	N/A
5	MAP-CM12-CAS.map.test.CONTOSO.COM	Microsoft Windows Server 2012 Datacenter	SQLServer	Production	<input type="checkbox"/>	N/A
6	MAP-CM12-SRV3.map.test.CONTOSO.COM	Microsoft Windows Server 2012 Datacenter	SQLServer	Production	<input type="checkbox"/>	N/A
7	MAP-CMBL-SRV2.map.test.CONTOSO.COM	Microsoft Windows Server 2012 R2 Datacenter Preview	SQLServer	Production	<input type="checkbox"/>	N/A
8	map-vcnter-2HQ.CORP.CONTOSO.COM	Microsoft Windows Server 2008 R2 Enterprise	Windows	Production	<input type="checkbox"/>	N/A
9	POM-3PBE-01.USA.CONTOSO.COM	Microsoft® Windows Server® 2008 Enterprise	Windows	Production	<input type="checkbox"/>	N/A
10	POM-3SCC-07-01.USA.CONTOSO.COM	Microsoft® Windows Server® 2008 Enterprise	SQLServer	Production	<input type="checkbox"/>	N/A

Showing 1 to 10 of 170 entries.

[Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [...](#) [17](#) [Next](#)

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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 [Figure 88: Azure Migrate – Replication](#) Steps

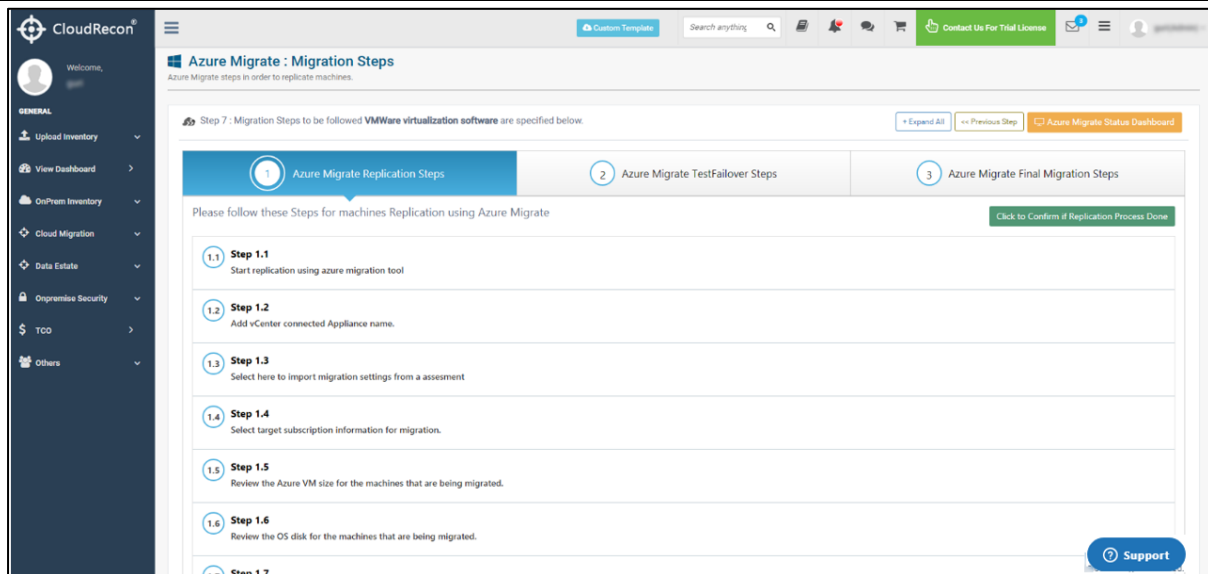


Figure 88: Azure Migrate – Replication Steps

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 – Test Failover Steps](#)

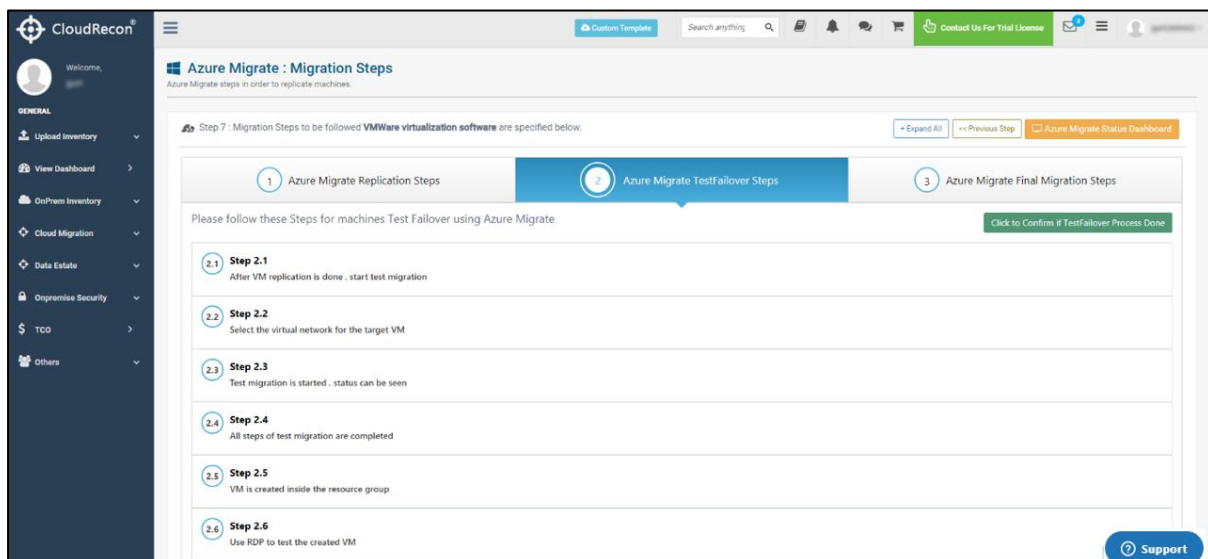


Figure 89: Azure Migrate – Test Failover Steps

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](#)

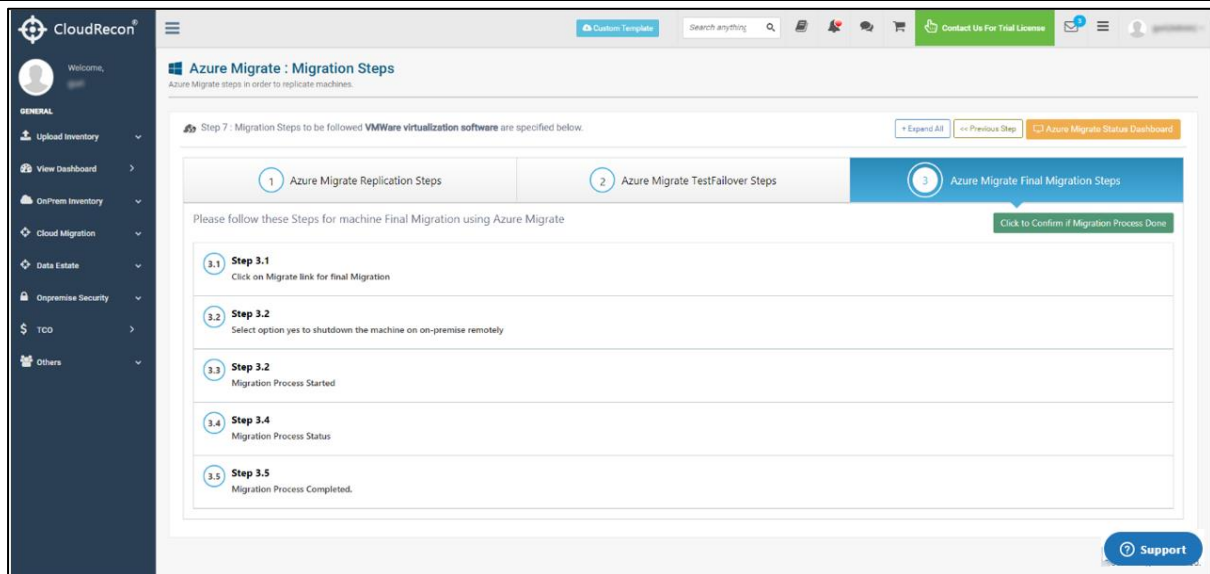


Figure 90: Azure Migrate – Final Migration Steps

Step 4:

Click on **Azure Migrate Status Dashboard**. As shown in [Figure 91: Migration Steps](#)

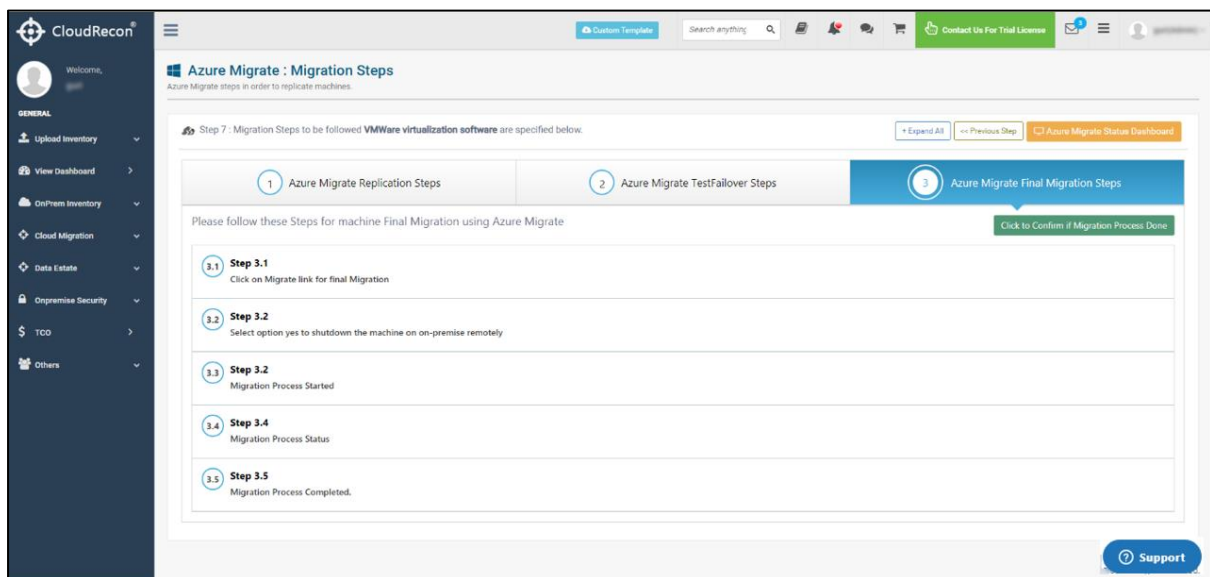


Figure 91: Migration Steps

Now, Customer can see 'Azure Migrate: Status Dashboard' as shown in [Figure 92: Azure Migrate – Status Dashboard](#)

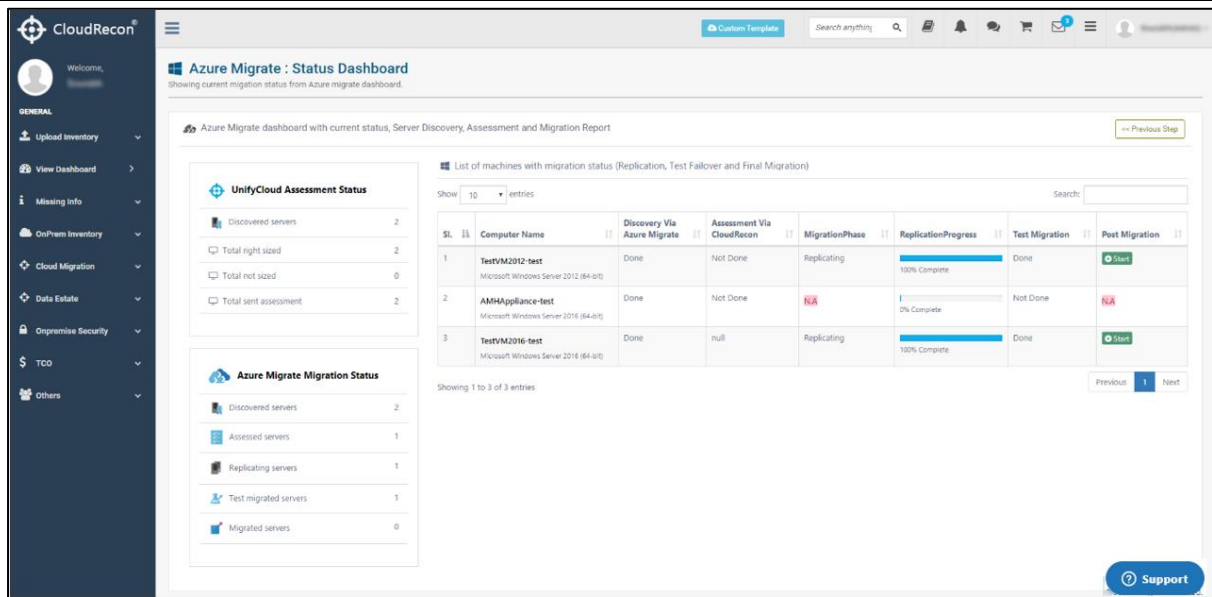


Figure 92: Azure Migrate – Status Dashboard

Post-Migration steps:

Step 1:

Click 'Start' to start Post Migration As shown in [Figure 93: Azure Migrate – Status Dashboard](#)

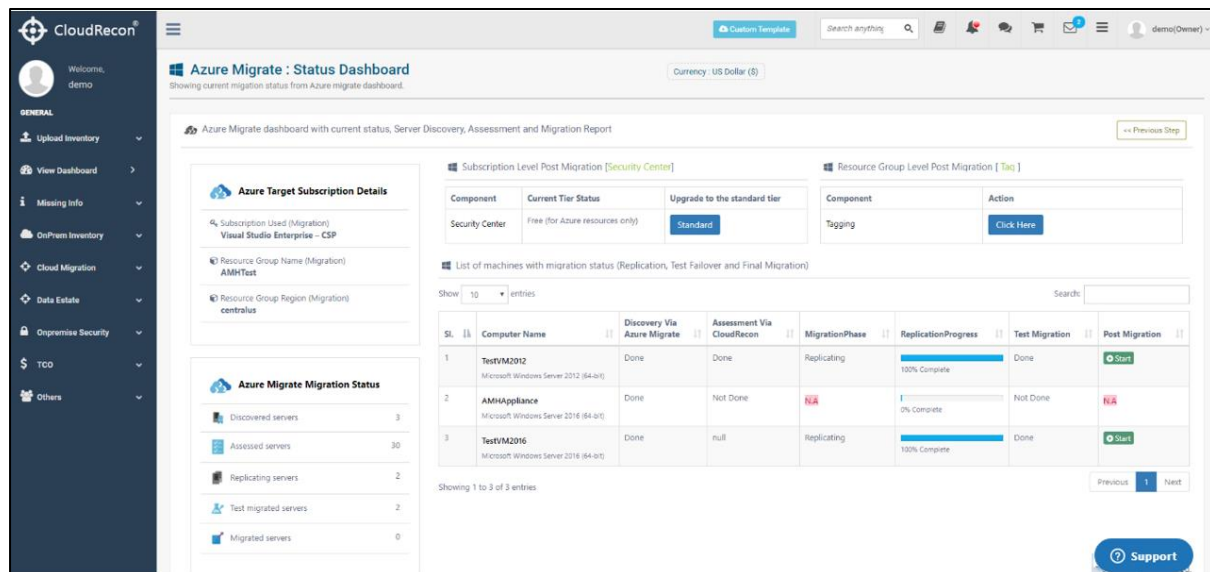


Figure 93: Azure Migrate – Status Dashboard

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 [Figure 94: Azure Migrate – Post-Migration Services](#)

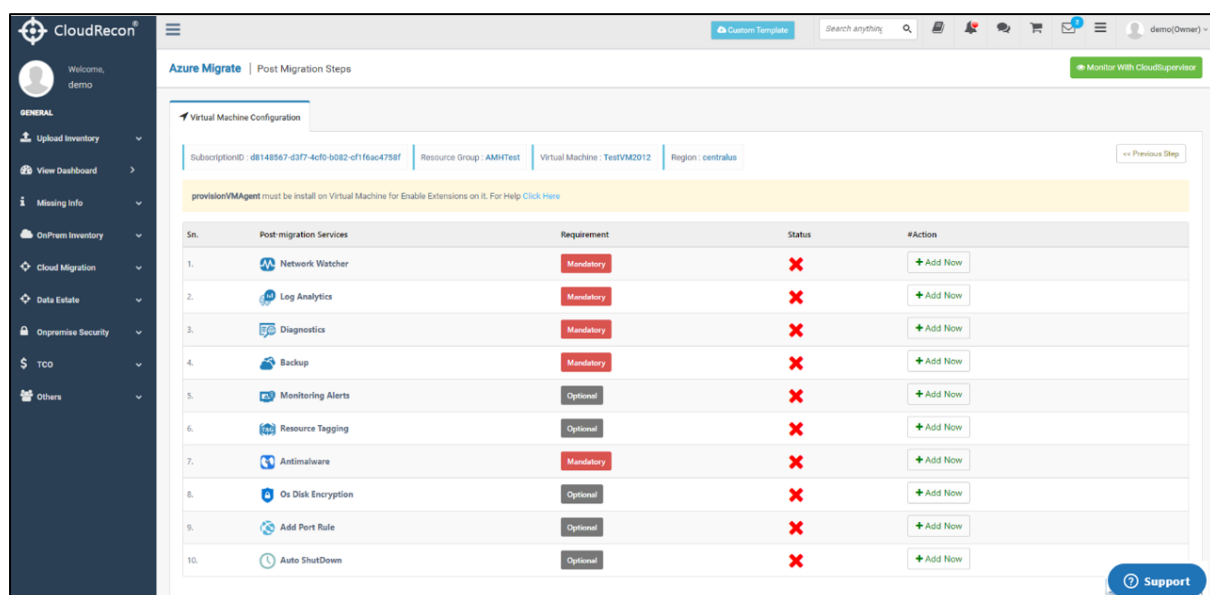


Figure 94: Azure Migrate – Post-Migration Services

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 [Figure 95: Azure Migrate – Network watcher](#)

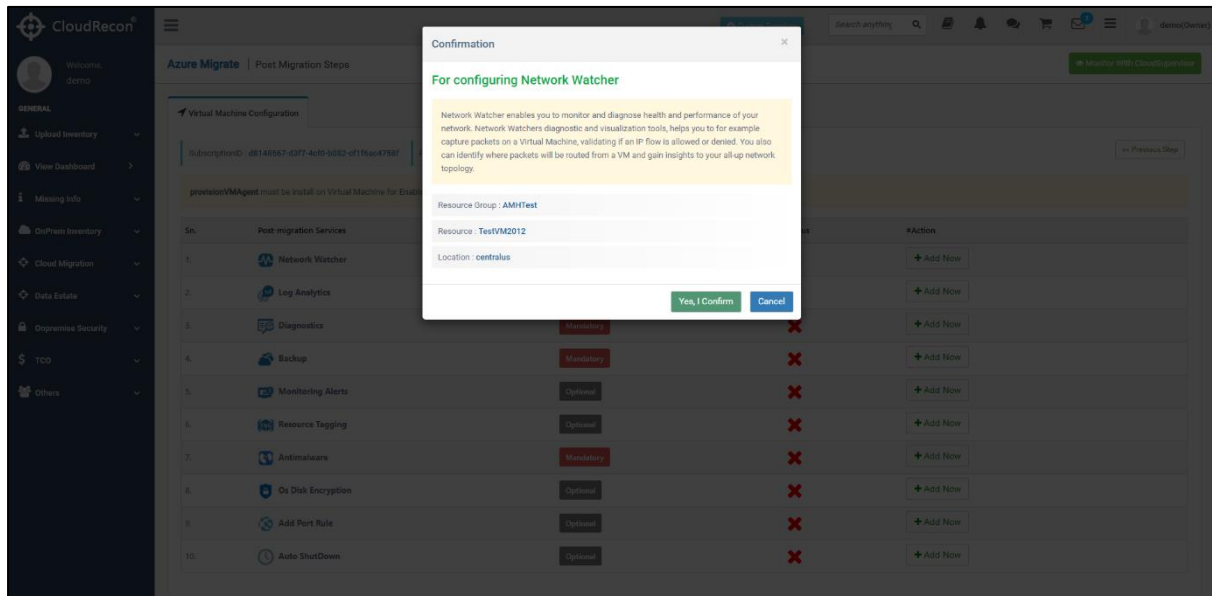


Figure 95: Azure Migrate – Network watcher

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

Click on '**Backup Enable.**' As shown in [Figure 96: Azure Migrate – Backup Policy](#)

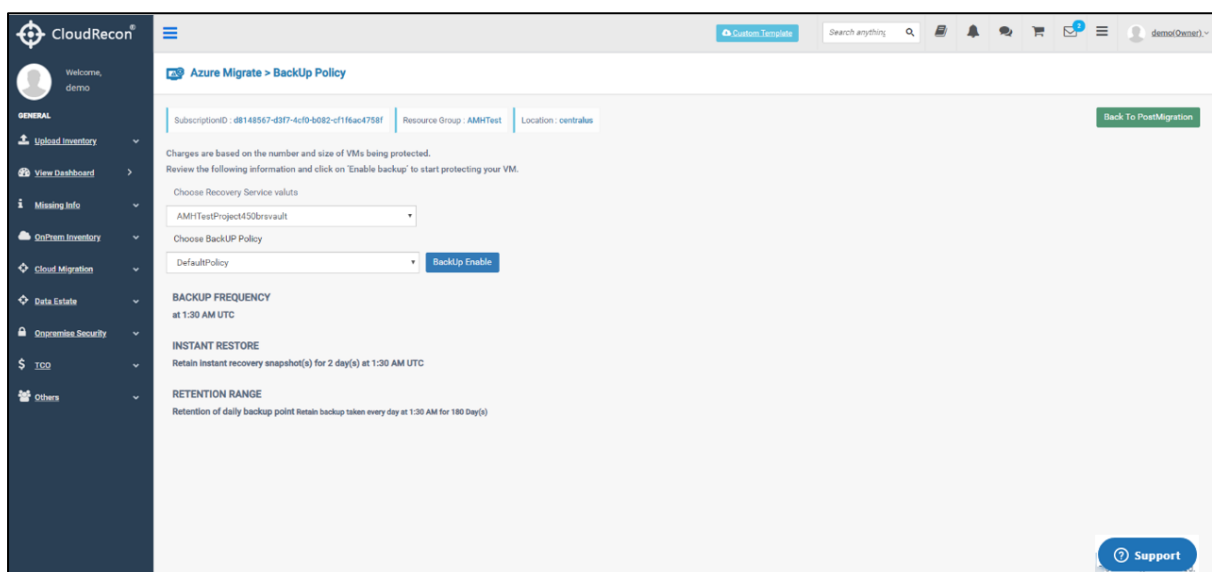


Figure 96: Azure Migrate – Backup Policy

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

Click on **'Enable'** for alert. As shown in [Figure 97: Azure Migrate – Monitor Alert](#)

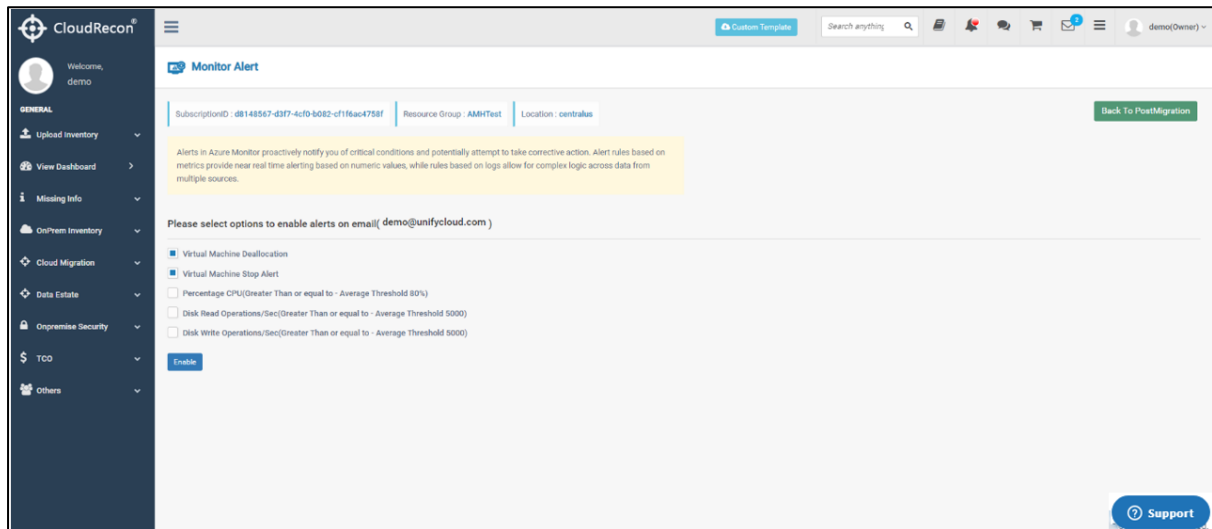


Figure 97: Azure Migrate – Monitor Alert

4. Resource Tagging: Customer can add tag on Resource Group. As shown in [Figure 98: Azure Migrate – Resource Tagging](#)

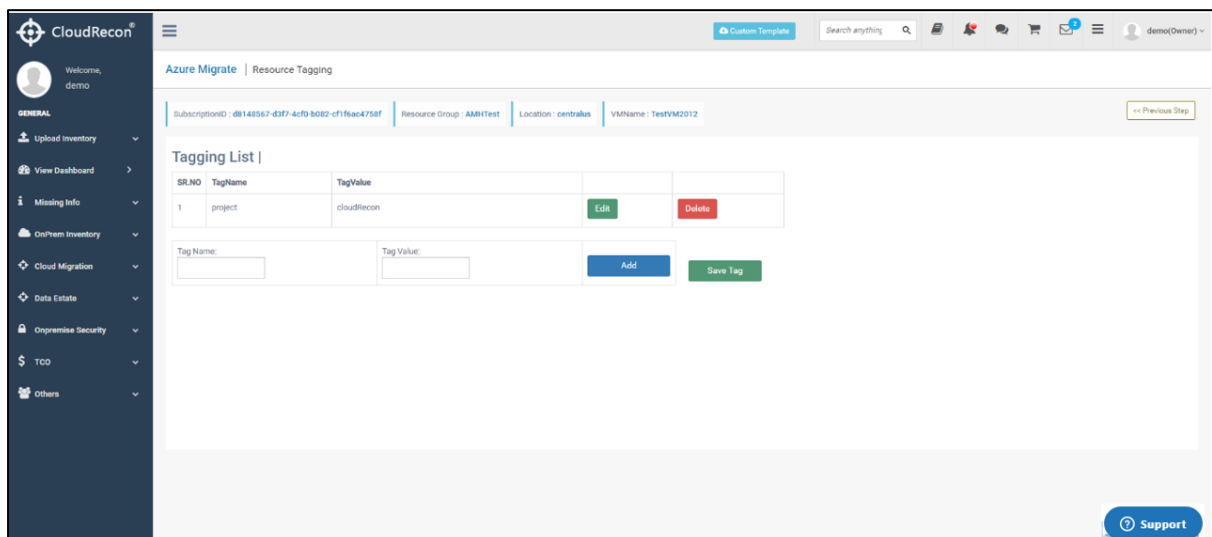
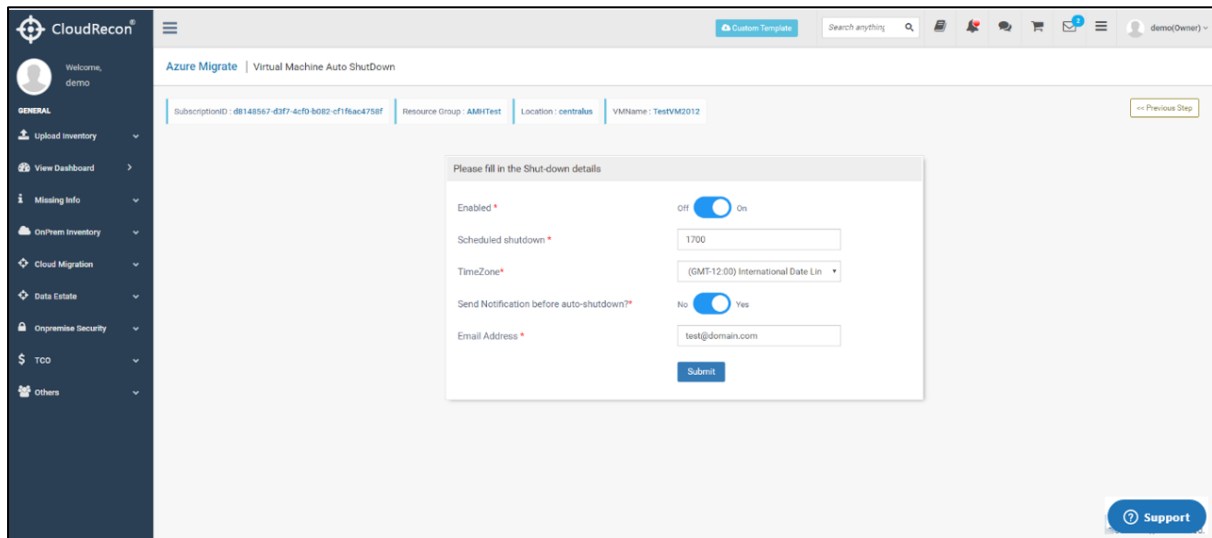


Figure 98: Azure Migrate – Resource Tagging

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



CloudRecon

Welcome, demo

Azure Migrate | Virtual Machine Auto ShutDown

SubscriptionID : d8148567-d3f7-4cfd-b082-cf1f6ac4758f | Resource Group : AMRTTest | Location : centralus | VMName : TestVM2012

Previous Step

Please fill in the Shut-down details

Enabled * ☐ Off ☒ On

Scheduled shutdown * 1700

TimeZone* (GMT-12:00) International Date Lin

Send Notification before auto-shutdown? ☐ No ☒ Yes

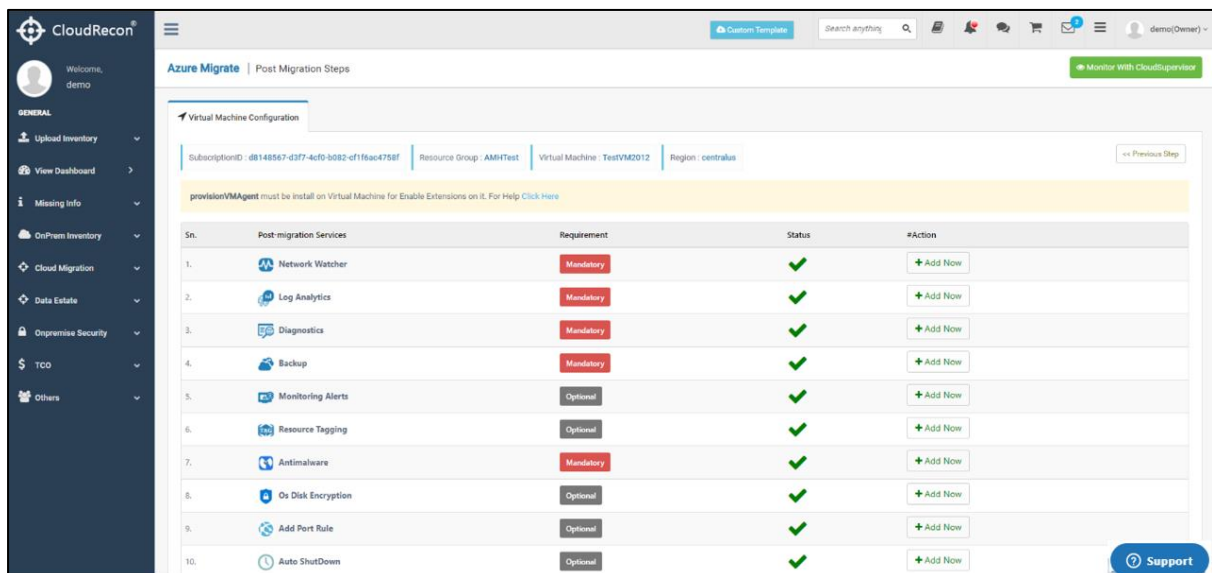
Email Address * test@domain.com

Submit

Support

Figure 99: Azure Migrate – Virtual Machine Auto Shutdown

Post-Migration services steps are done. As shown in [Figure 100: Azure Migrate – Post-Migration Services](#)



CloudRecon

Welcome, demo

Azure Migrate | Post Migration Steps

Monitor With CloudSupervisor

Virtual Machine Configuration

SubscriptionID : d8148567-d3f7-4cfd-b082-cf1f6ac4758f | Resource Group : AMRTTest | Virtual Machine : TestVM2012 | Region : centralus

Previous Step

provisionVMagent must be install on Virtual Machine for Enable Extensions on it. For Help Click here

Sr.	Post-migration Services	Requirement	Status	#Action
1.	Network Watcher	Mandatory	Complete	+ Add Now
2.	Log Analytics	Mandatory	Complete	+ Add Now
3.	Diagnostics	Mandatory	Complete	+ Add Now
4.	Backup	Mandatory	Complete	+ Add Now
5.	Monitoring Alerts	Optional	Complete	+ Add Now
6.	Resource Tagging	Optional	Complete	+ Add Now
7.	Antimalware	Mandatory	Complete	+ Add Now
8.	Os Disk Encryption	Optional	Complete	+ Add Now
9.	Add Port Rule	Optional	Complete	+ Add Now
10.	Auto ShutDown	Optional	Complete	+ 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 [Figure 101: Azure Migrate](#)

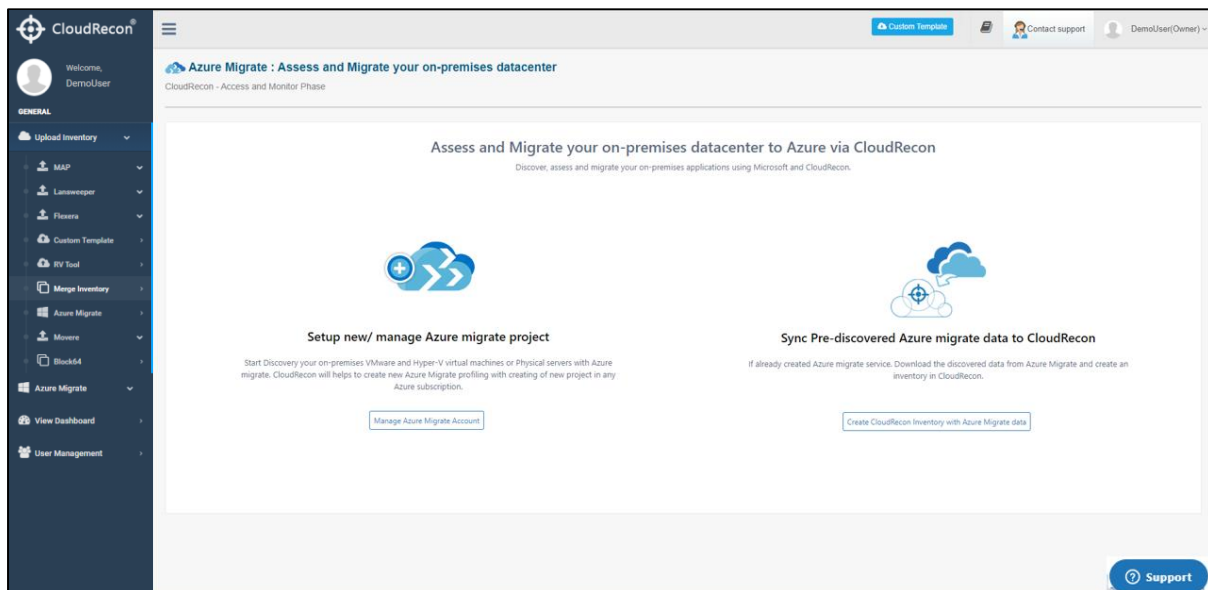


Figure 101: Azure Migrate

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 [Figure 102: Azure Migrate – Sync Pre-Discovered data](#)

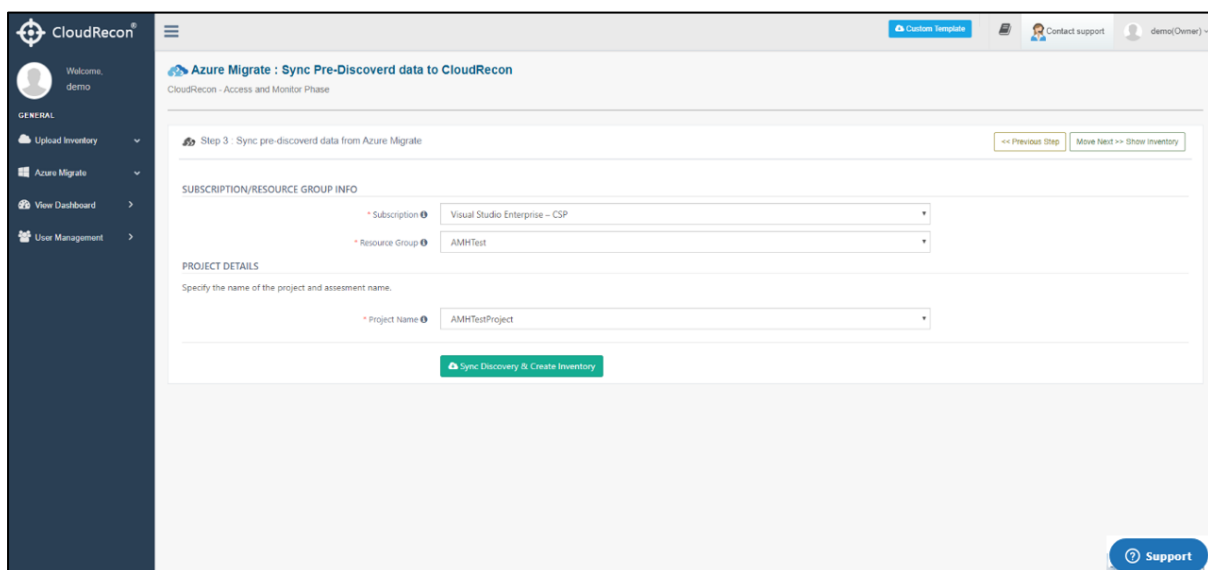


Figure 102: Azure Migrate – Sync Pre-Discovered data

Please wait to Synchronize Azure Migrate data to CloudRecon. As shown in [Figure 103: Synchronize Azure Migrate data](#)

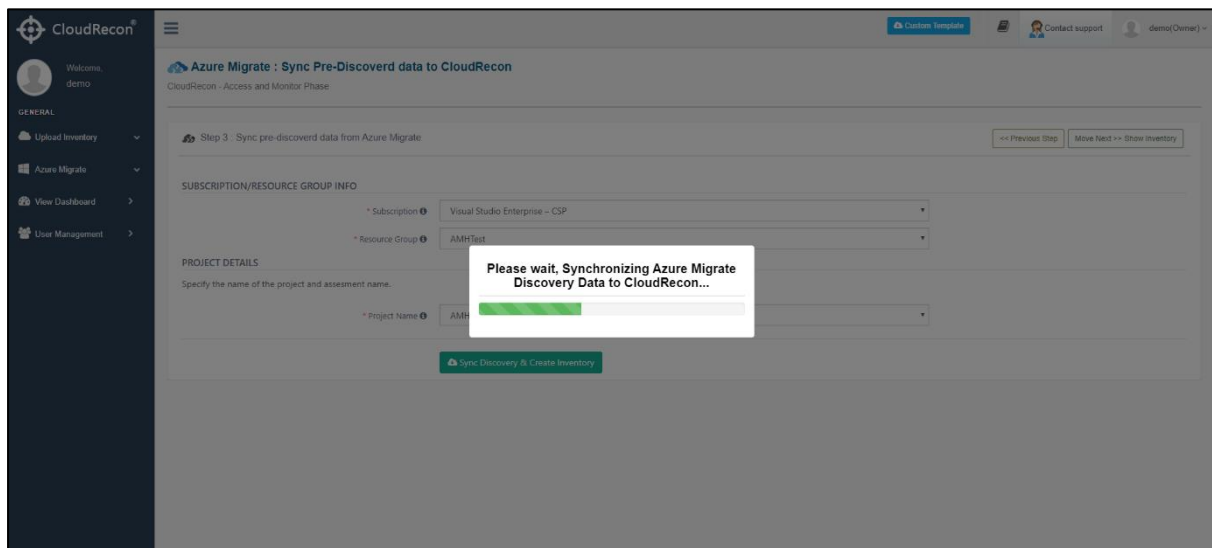
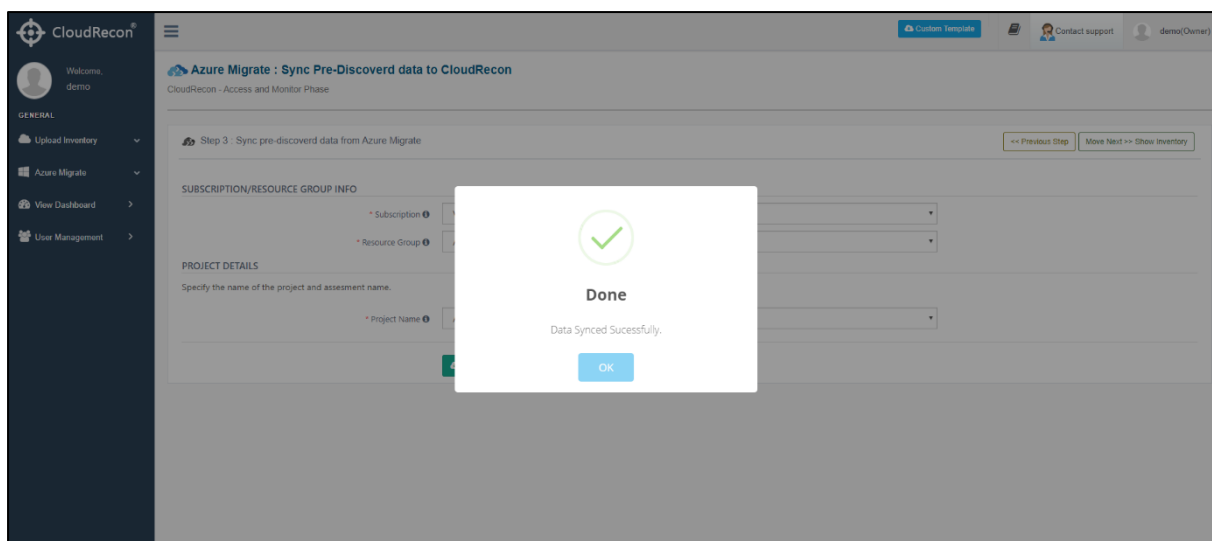
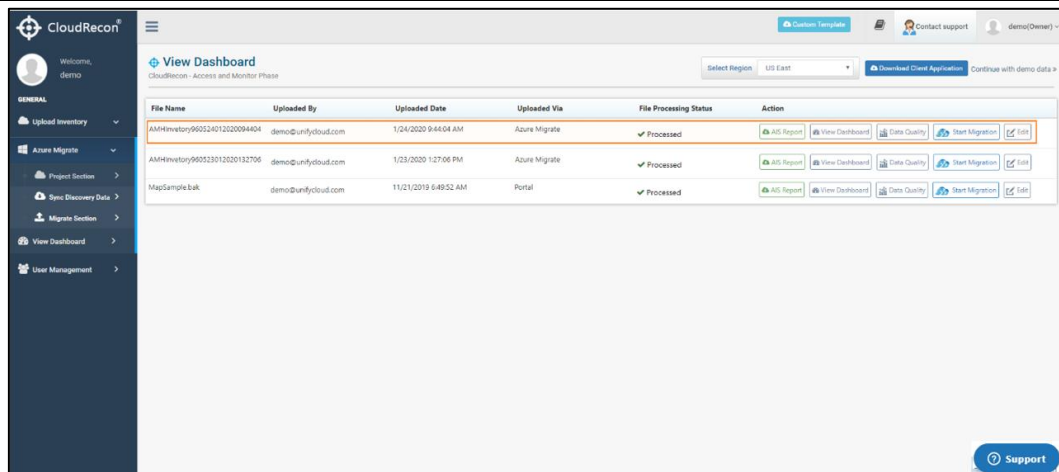


Figure 103: Synchronize Azure Migrate data

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



After that you will be redirected to 'View Dashboard' as shown in [Figure 104: CloudRecon® - View Azure Migrate Inventory](#)



File Name	Uploaded By	Uploaded Date	Uploaded Via	File Processing Status	Action
AMHInventory960324012020094404	demo@unifycloud.com	1/04/2020 9:44:04 AM	Azure Migrate	✓ Processed	AIS Report View Dashboard Data Quality Start Migration Edit
AMHInventory960323012020132706	demo@unifycloud.com	1/23/2020 1:27:06 PM	Azure Migrate	✓ Processed	AIS Report View Dashboard Data Quality Start Migration Edit
MapSampleBak	demo@unifycloud.com	11/21/2019 6:49:52 AM	Portal	✓ Processed	AIS Report View Dashboard Data Quality Start Migration Edit

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 [Figure 105: Upload Azure Migrate .xlsx file](#)

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.

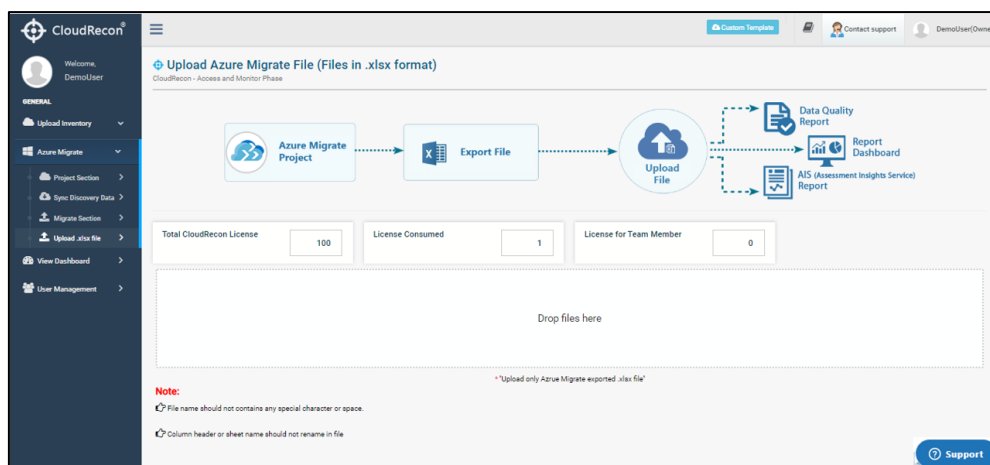


Figure 105: Upload Azure Migrate .xlsx file

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

SCENARIO: 4- MOVE

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](#).

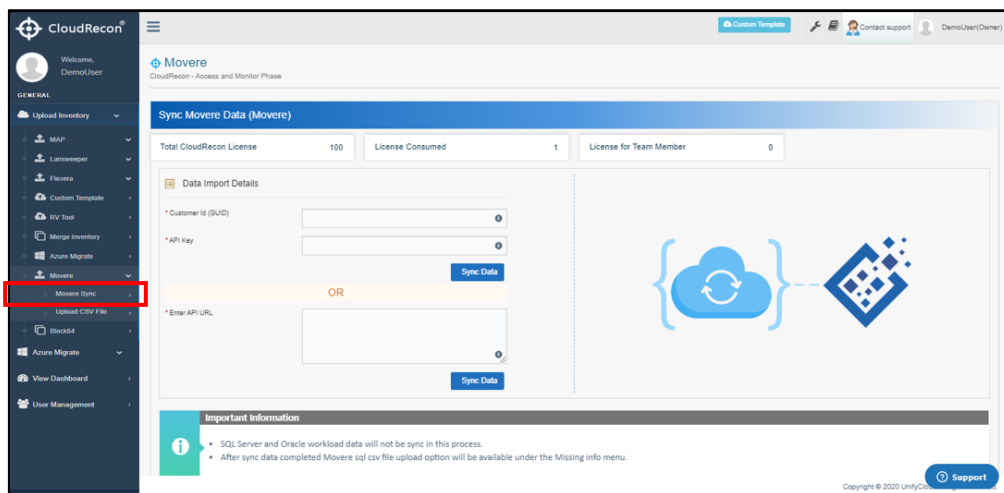


Figure 106: Movere

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

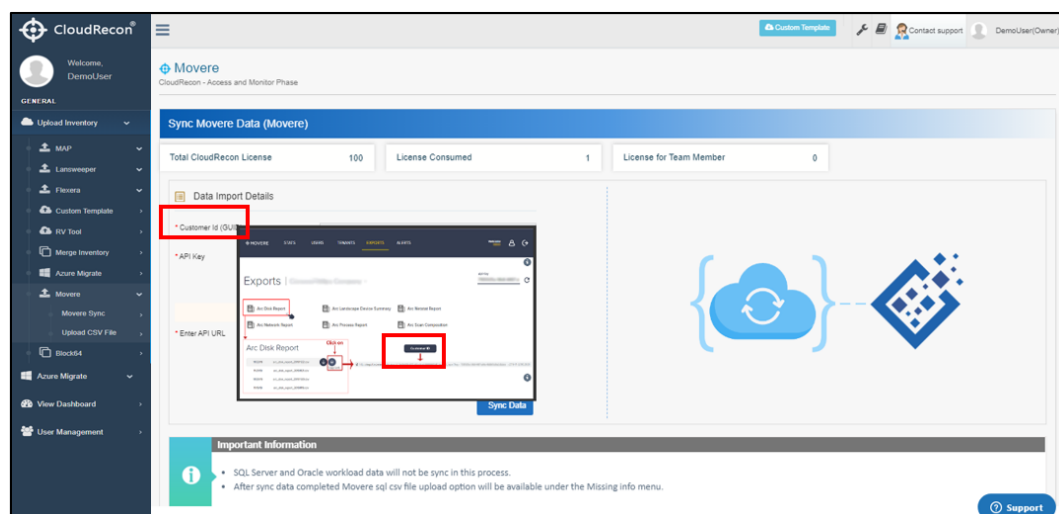


Figure 107: Sync Movere Data by using Customer ID

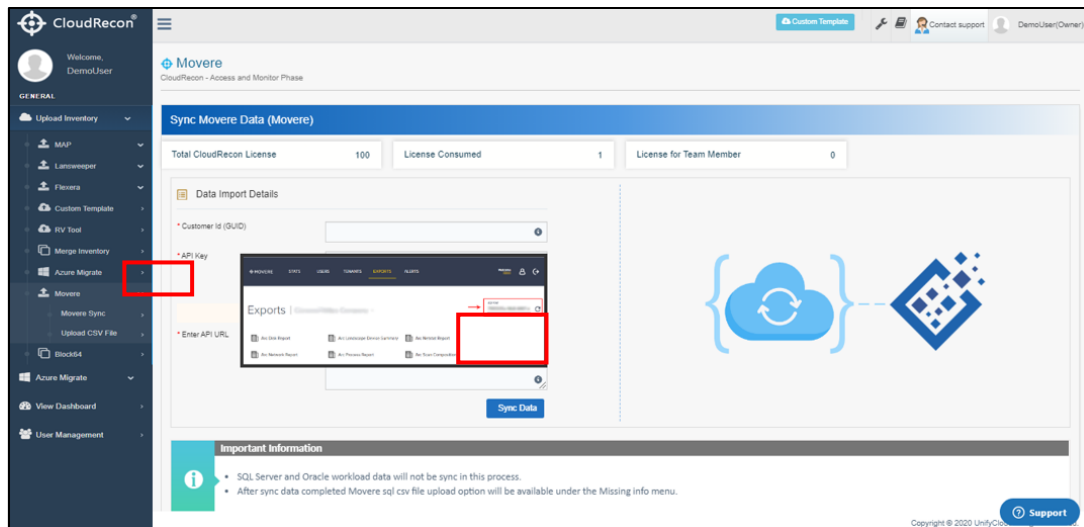


Figure 108: Sync Movere Data by using API Key

'OR'

2. Enter API URL in data Import Details. As shown in [Figure 109: Sync Movere Data by using API URL](#)

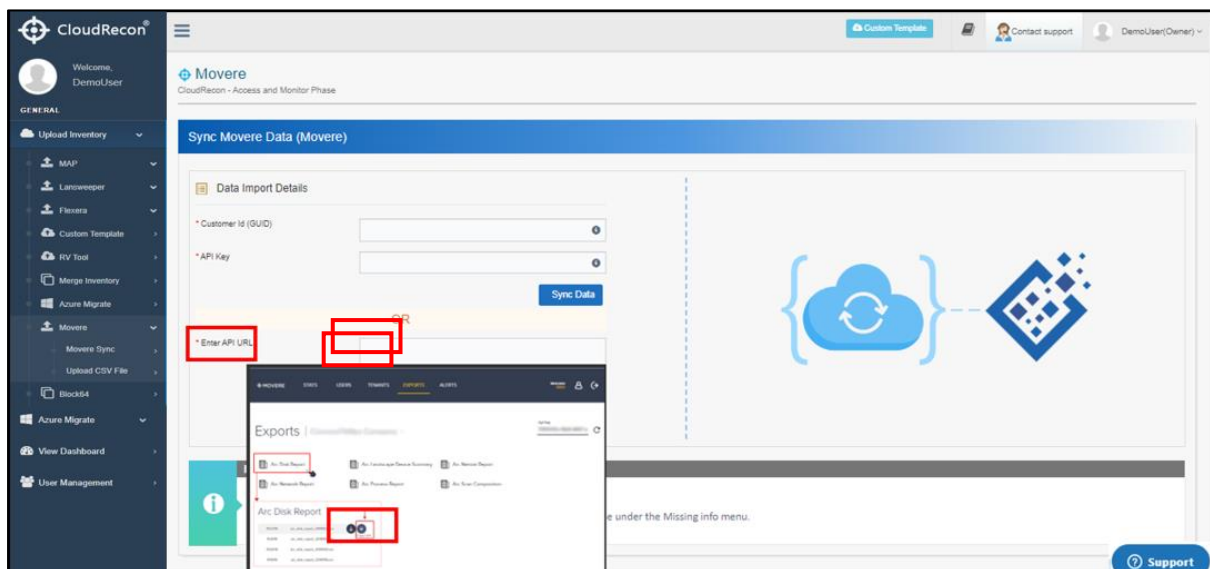


Figure 109: Sync Movere Data by using API URL

Step 2: Click on sync data. As shown in [Figure 110: Sync Movere Dat](#)

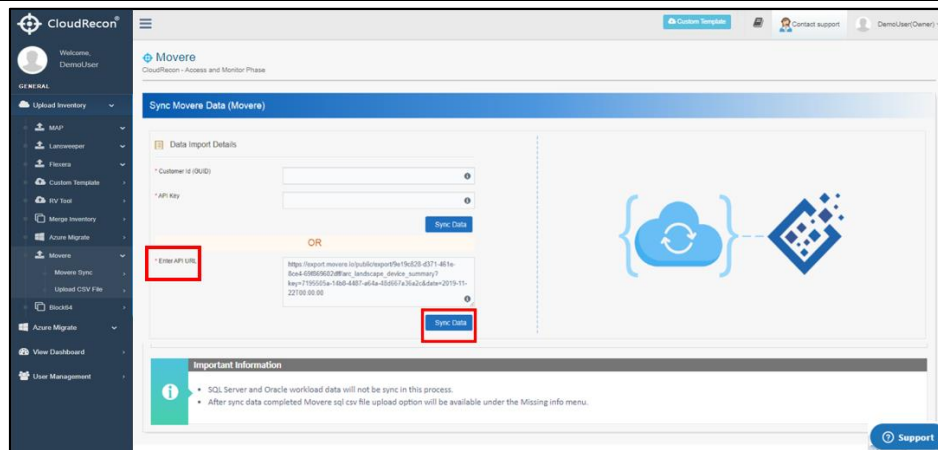


Figure 110: Sync Movere Data

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

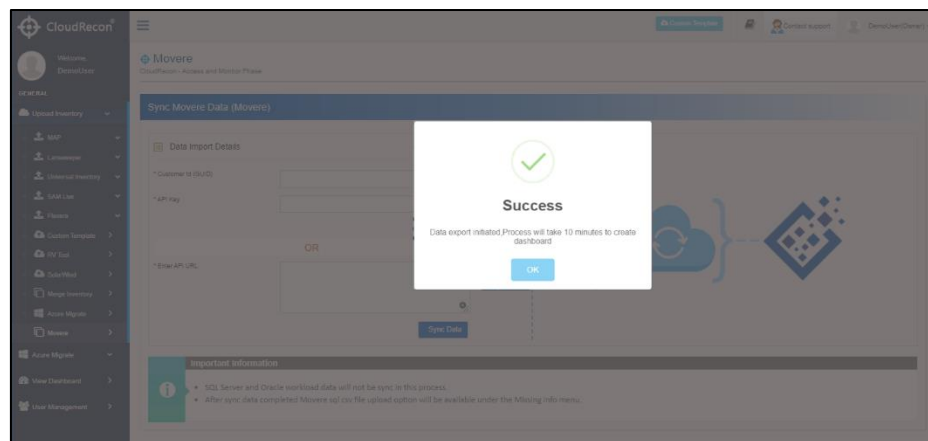


Figure 110 A: Data-sync Success

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

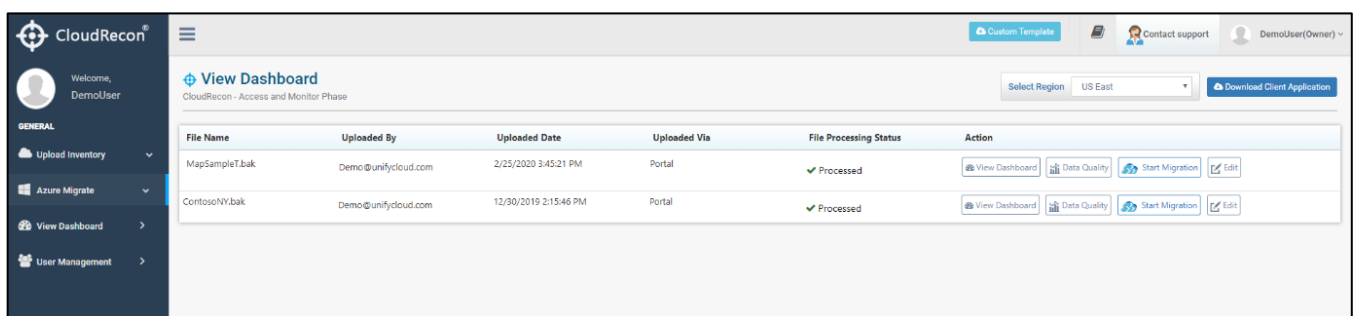


Figure 111: CloudRecon® - View Movere Inventory

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 [Figure 112: Upload Movere CSV](#) file

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

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

Device\Oracle\	Device List Database List
ARC\SQL Server\	DB Read/Write CPU by Database CPU Utilization
User\Office365\	User Software List
Device\Microsoft\	Biztalk

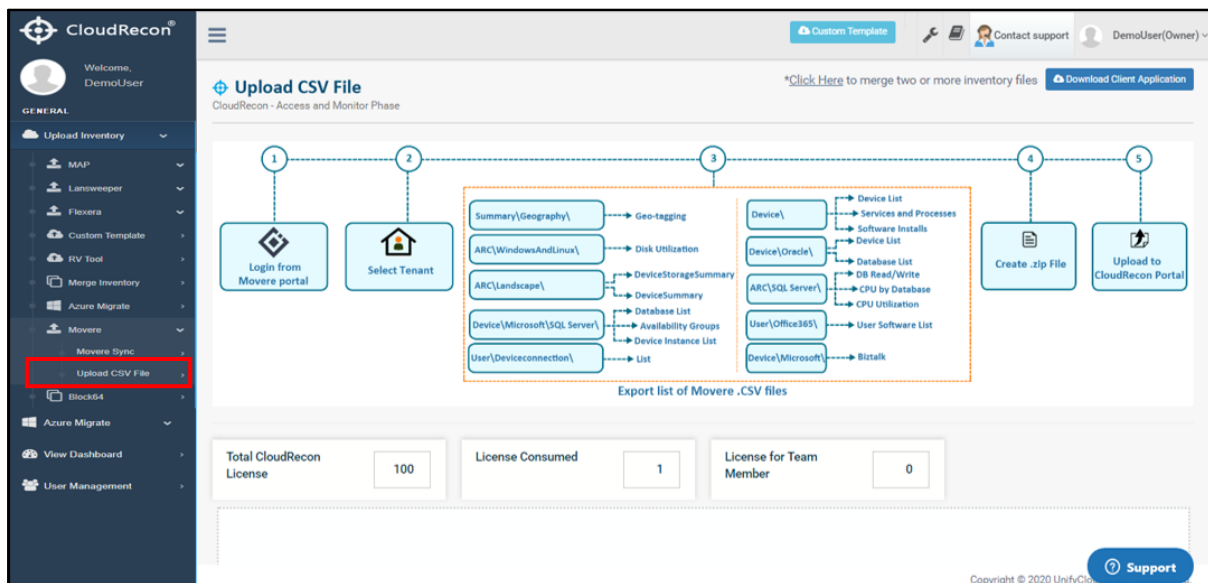
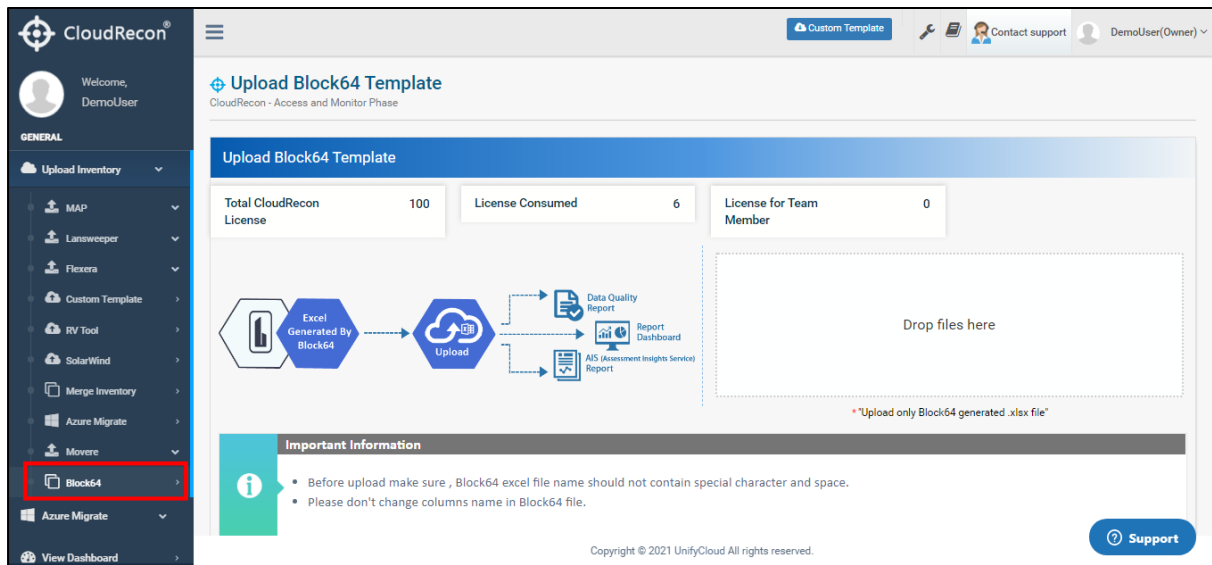


Figure 112: Upload Movere CSV file

4.7 BLOCK64

On the Upload Inventory tab, click Block64 tab as shown in [Figure 113: Upload Block64 Template](#)

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.



CloudRecon®

Welcome, DemoUser

GENERAL

- Upload Inventory
 - MAP
 - Lansweeper
 - Flexera
 - Custom Template
 - RV Tool
 - SolarWind
 - Merge Inventory
 - Azure Migrate
 - Movere
 - Block64**
 - Azure Migrate
- View Dashboard

Upload Block64 Template
CloudRecon - Access and Monitor Phase

Custom Template | Contact support | DemoUser(Owner)

Upload Block64 Template

Total CloudRecon License	100	License Consumed	6	License for Team Member	0
--------------------------	-----	------------------	---	-------------------------	---

Excel Generated By Block64 → Upload → Data Quality Report, Report Dashboard, AIS (Assessment Insights Service) Report

Drop files here

Upload only Block64 generated .xlsx file

Important Information

- Before upload make sure , Block64 excel file name should not contain special character and space.
- Please don't change columns name in Block64 file.

Support

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Figure 113: Upload Block64 Template

5. Data Quality Report

5.1 VIEW DASHBOARD

1. Go to View Dashboard on the CloudRecon Portal:

<https://cloudrecon.cloudatlasinc.com/ViewDashboard.aspx>.

2. Click on the 'show' button, as shown in [Figure 114: View Dashboard](#).

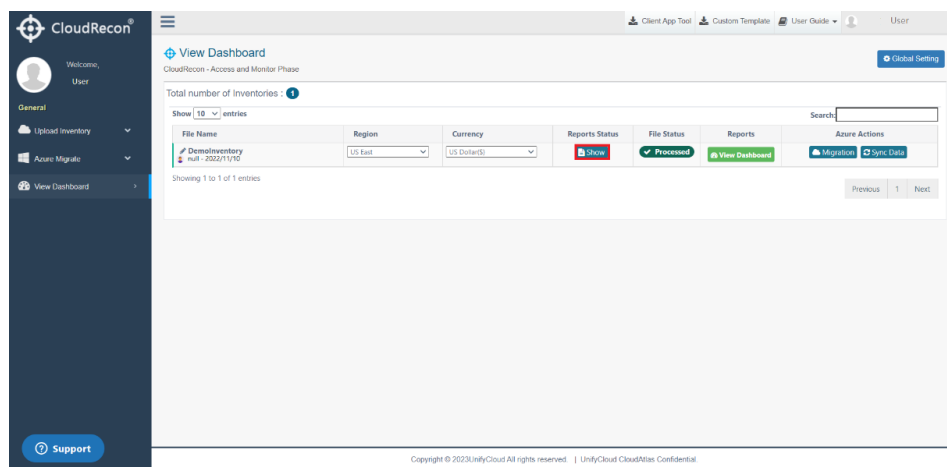


Figure 114: View Dashboard

3 A pop-up window with all the inventory information and their data quality shows on your screen, as shown in [Figure 114A](#).

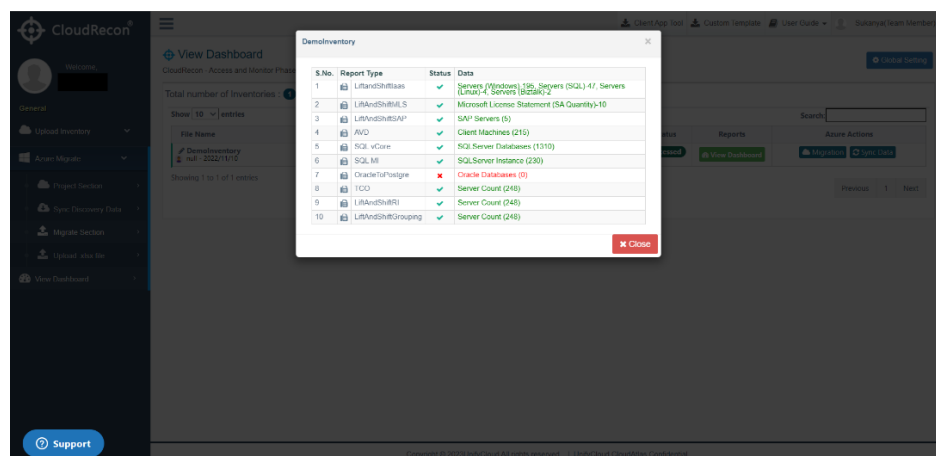


Figure 114 A: Inventory Data Status

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 [Figure 115: Bulk Apply download template](#)

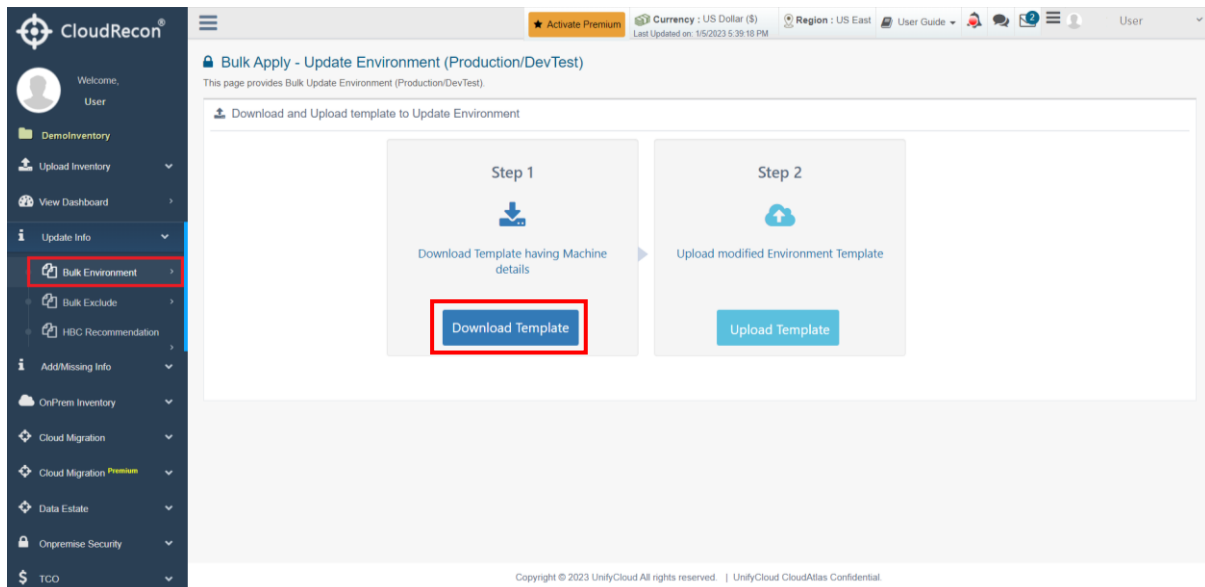


Figure 115: Bulk Apply download template

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](#)

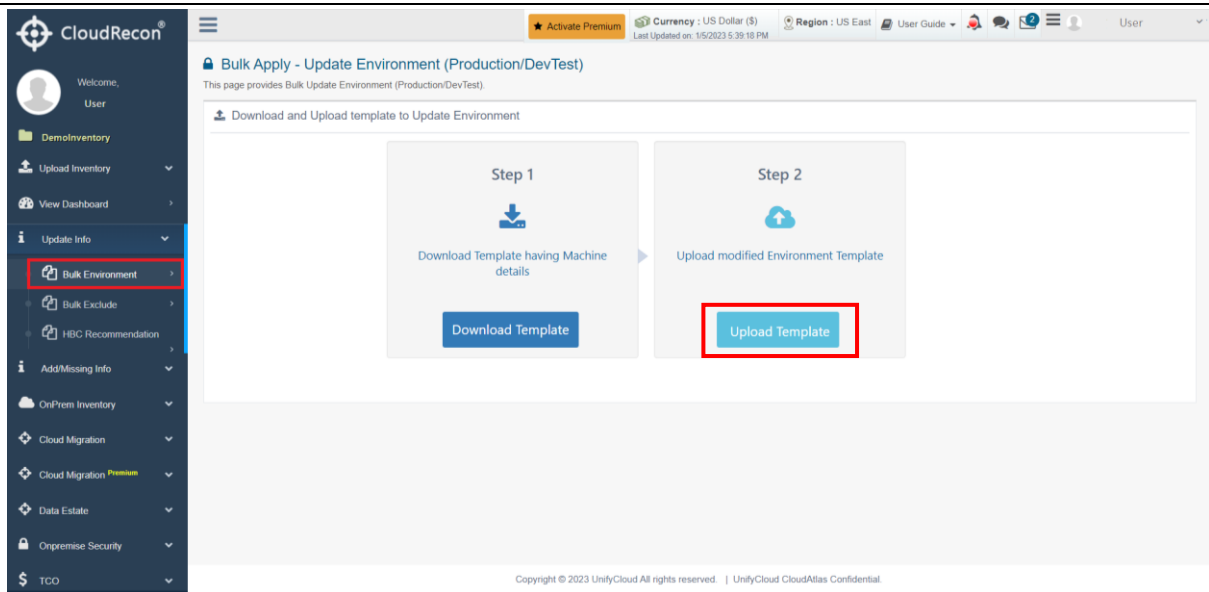


Figure 116: Upload Template

A Dialog Box will open, select the file, and click Upload as shown in [Figure 117: Upload Template](#)

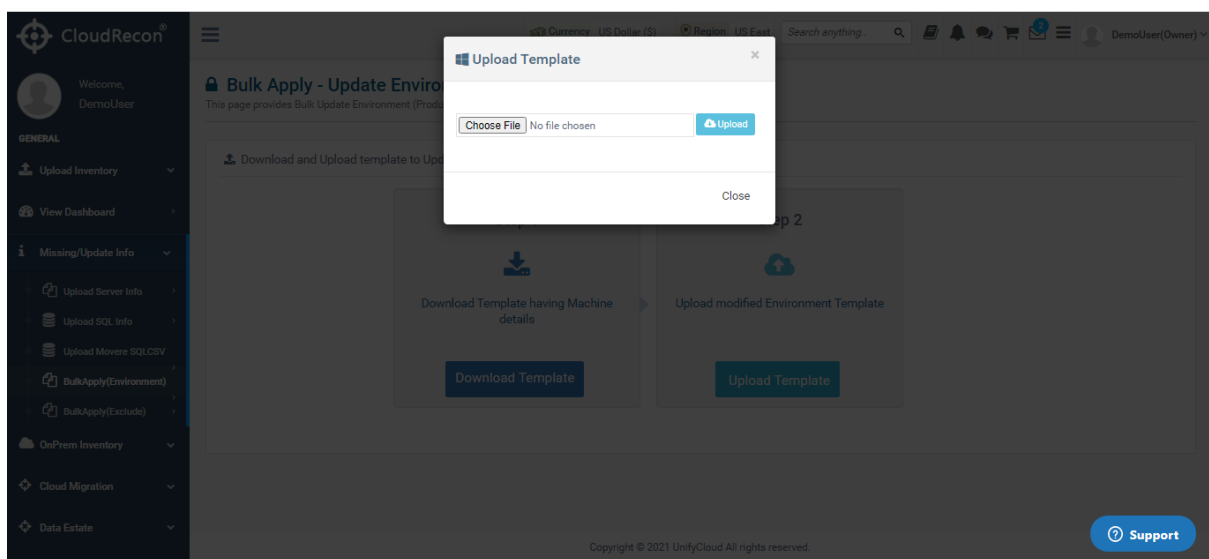


Figure 117: Upload Template

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 [Figure 118: Bulk Exclude](#).

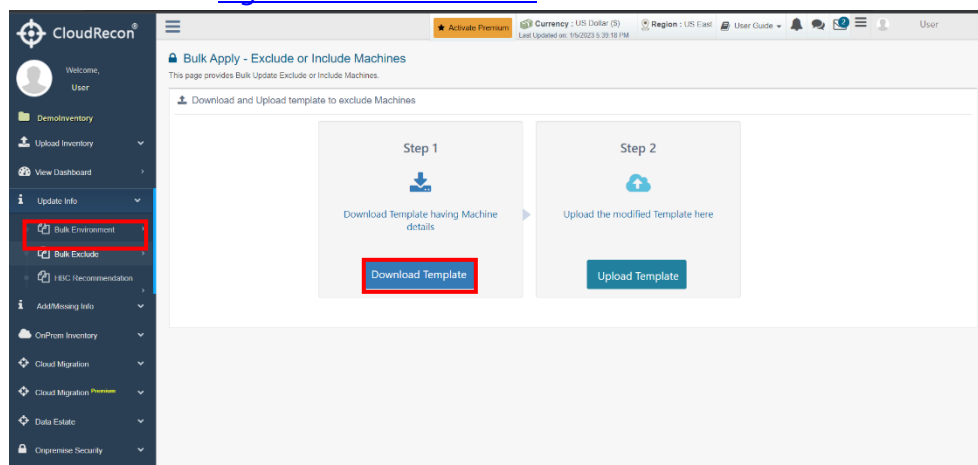


Figure 118: Bulk Exclude

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](#)

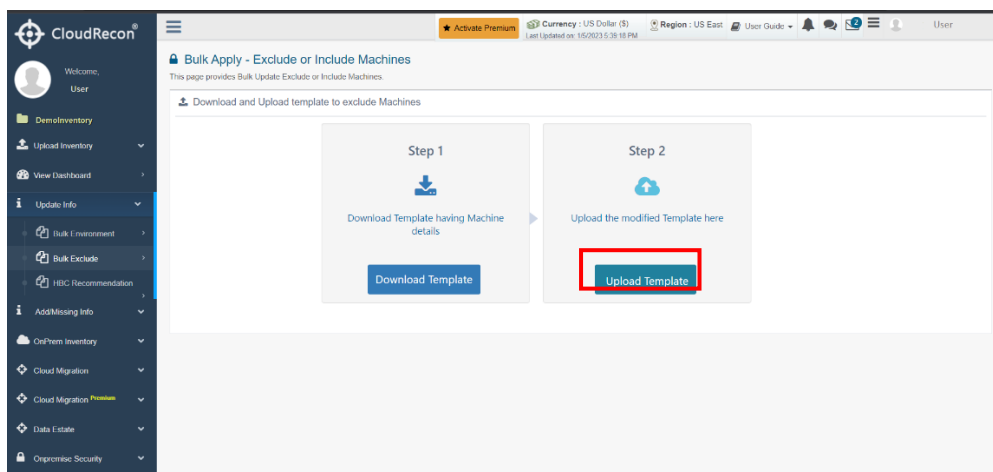


Figure 119: Upload Template

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

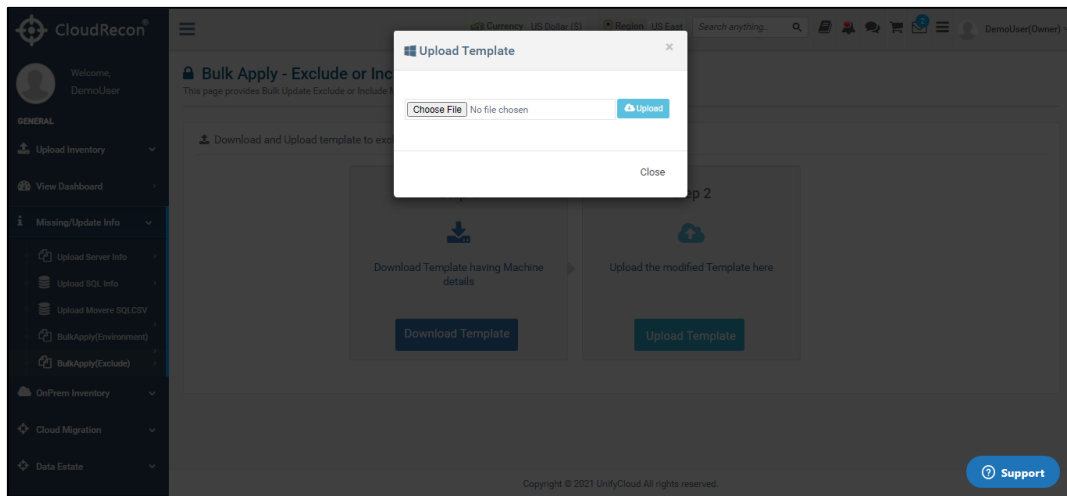


Figure 120: Upload template

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 [Figure 120: Upload template.](#)

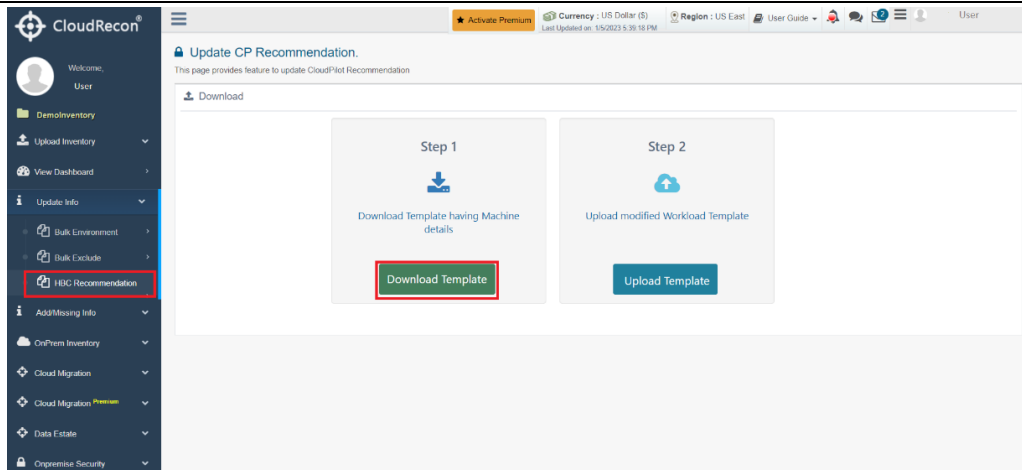


Figure 120: Upload template

Step 2: After downloading the template, Upload the CP Recommendation template after entering required machine details, as shown in [Figure 120: Upload template](#).

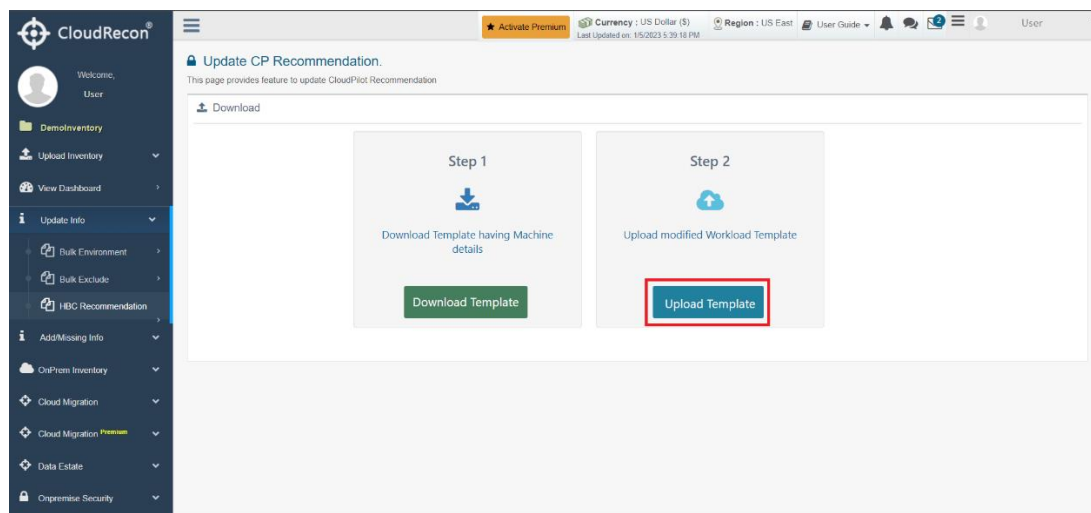


Figure 120: Upload template

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.

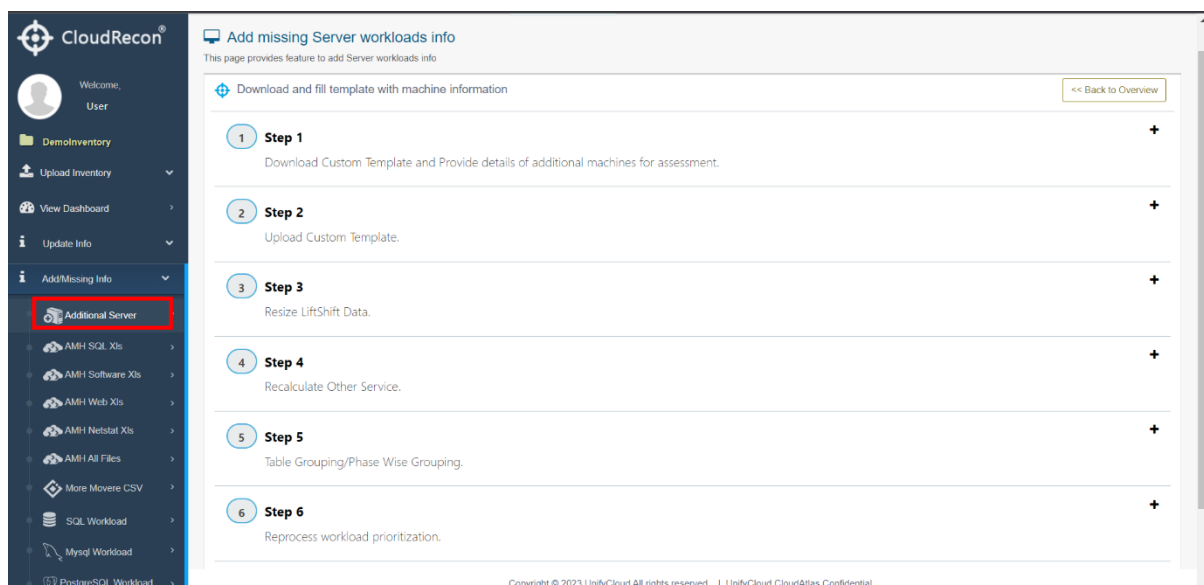


Figure 122: Upload Additional Server Information

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.

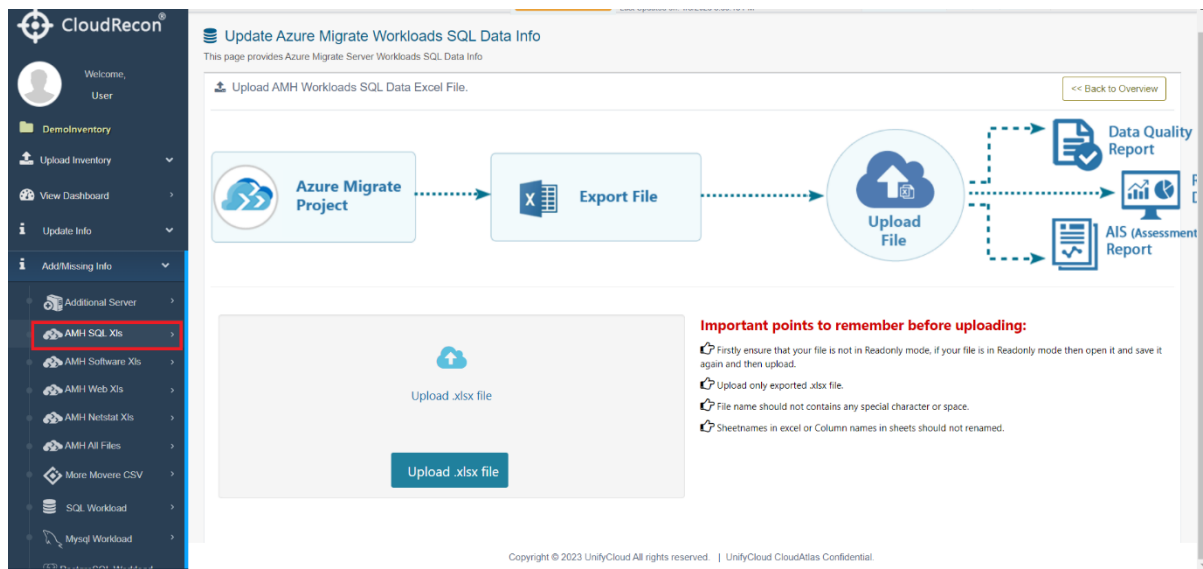


Figure 123: Upload AMH SQL Information

7.1.3 AMH Software Xls

1. In the left panel of CloudRecon dashboard, click 'AMH Software Xls' 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.

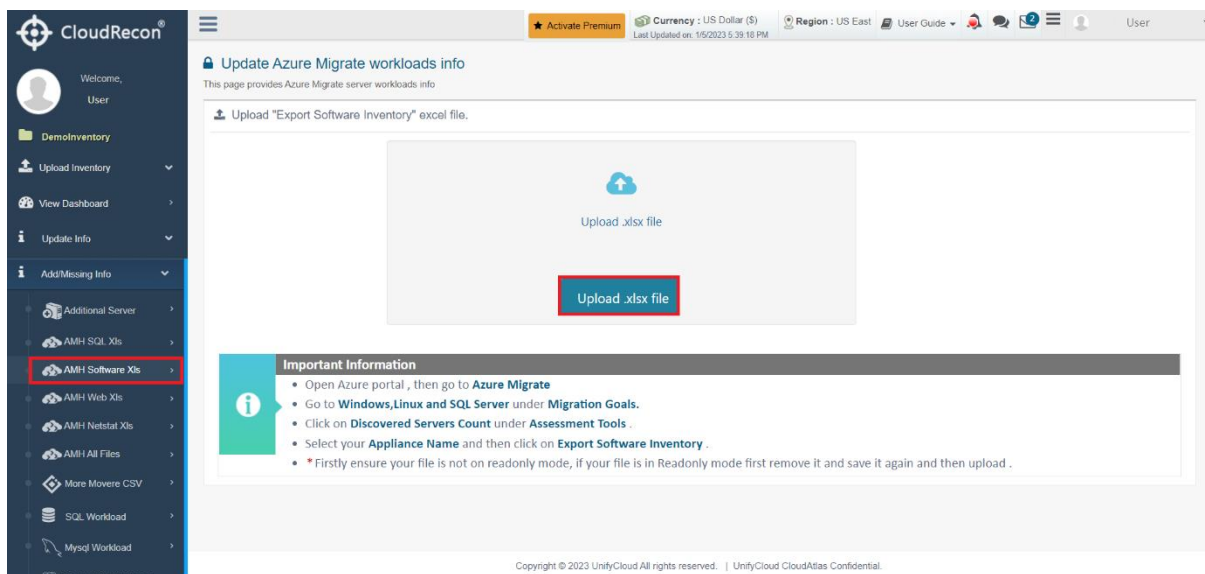


Figure 124: Upload AMH Software Xls

7.1.4 AMH Web Xls

1. In the left panel of CloudRecon dashboard, click 'AMH Web Xls' 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 [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 AMH Application Info file.

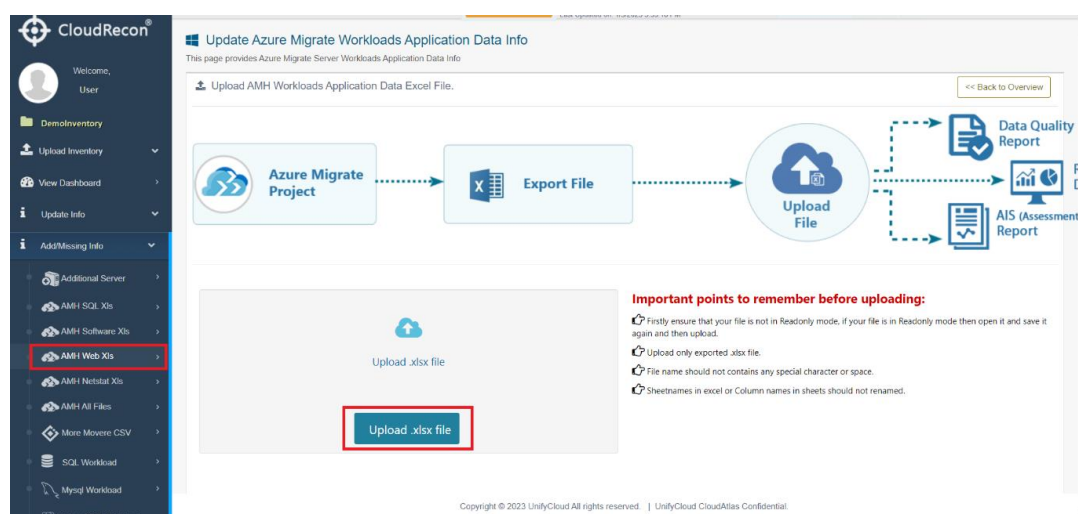


Figure 125: Upload Web Xls

7.1.5 AMH Netstat Xls

1. In the left panel of CloudRecon dashboard, click 'AMH Netstat Xls' 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 [Figure 123: Upload AMH SQL Information](#). 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.

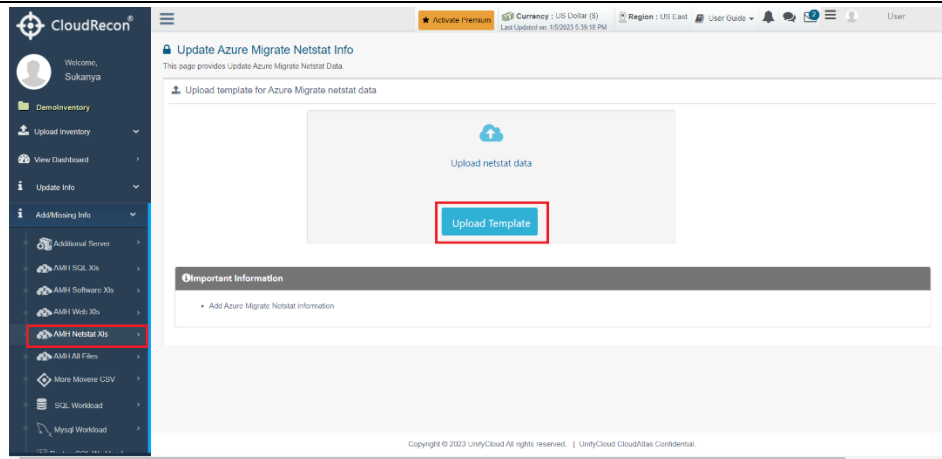


Figure 126: Upload AMH Netstat Data Information

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.

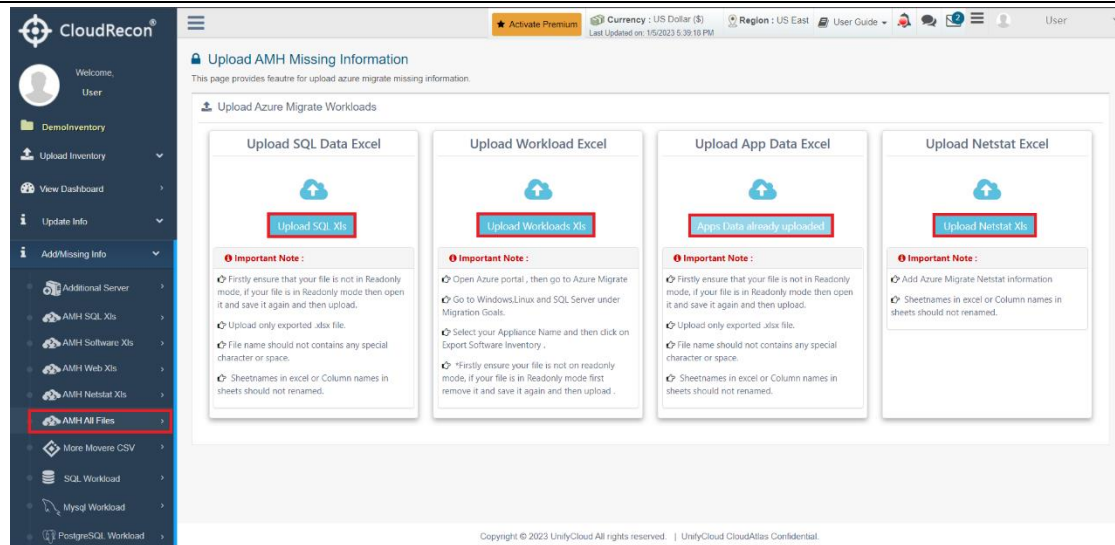


Figure 127: Upload All Missing Information for Azure Migrate

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 [Figure 128: Upload Movere SQL Information](#). 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

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

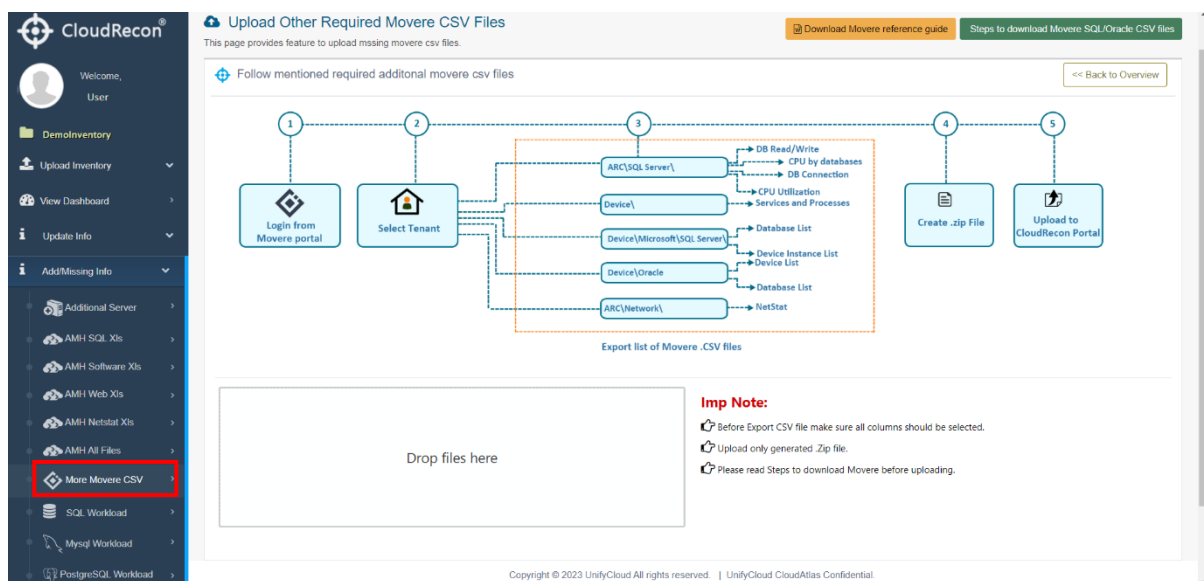


Figure 128: Upload Movere SQL Information

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 [Figure 129: Add Additional SQL Databases Workloads Information](#).

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

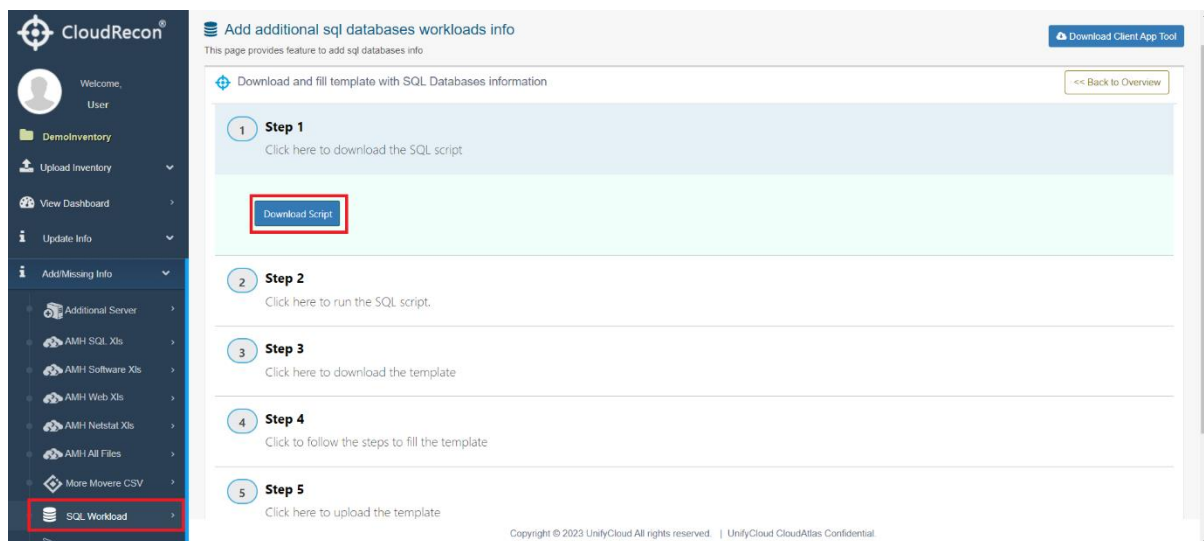


Figure 129: Add Additional SQL Databases Workloads Information – Download SQL Script

Step 2: Follow the instructions in [Figure 130: Run SQL Script](#). Run the script output.

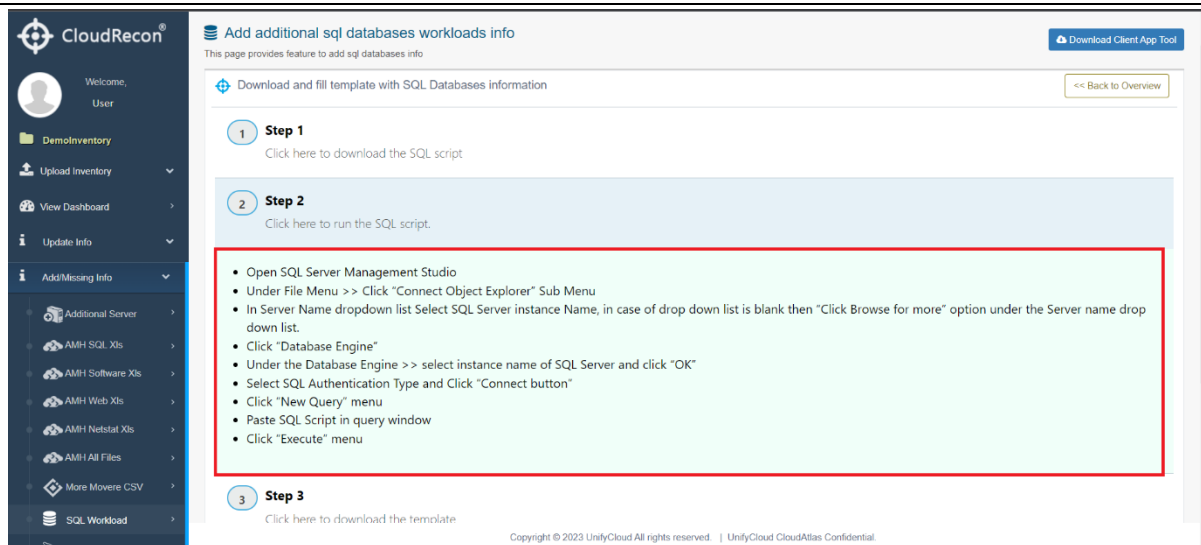


Figure 130: Run SQL Script

Step 3: Download the Template by clicking on the 'Download Template' button, as shown in the [Figure 131: Download SQL Database Workloads Template](#).

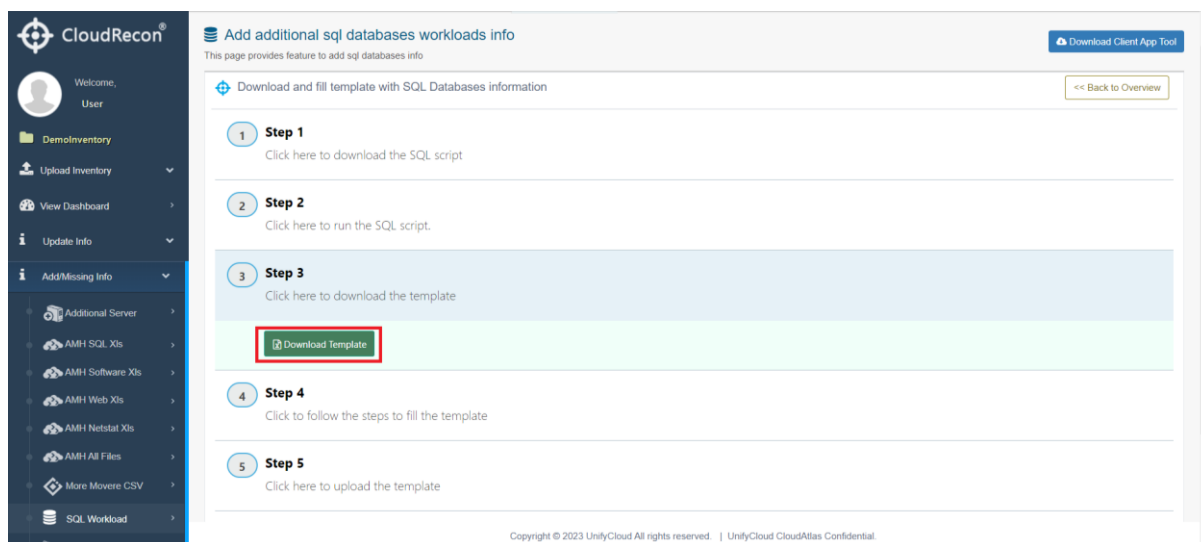


Figure 131: Download SQL Database Workloads Template

Step 4: Follow the instructions in [Figure 132: Fill the Template](#). After the script has run, fill the script output data onto the downloaded template.

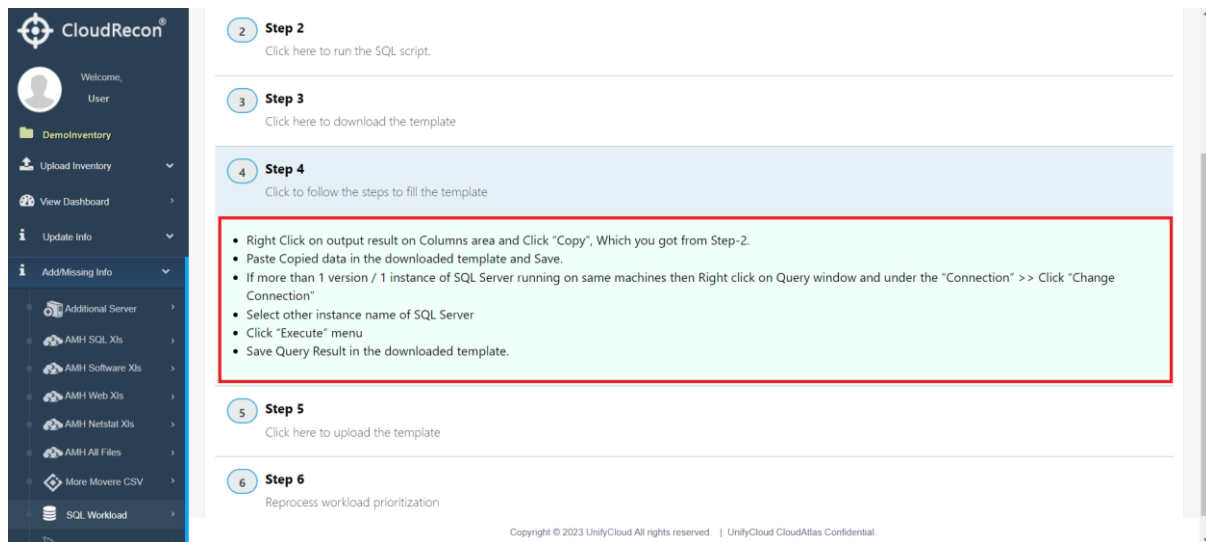


Figure 132: Fill the Template

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 [Figure 133: Upload Template](#).

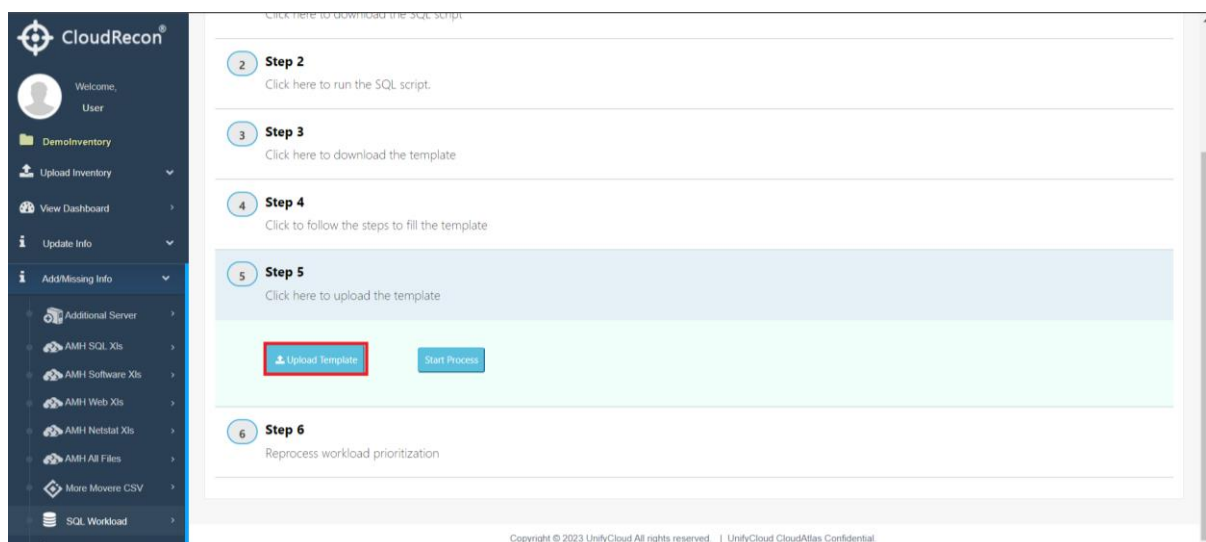


Figure 133: Upload Template

Step 6: A pop-up window with a choose-file option appears. Choose your template file and click on the 'Upload' button shown in [Figure 134: Choose and Upload the template file](#).

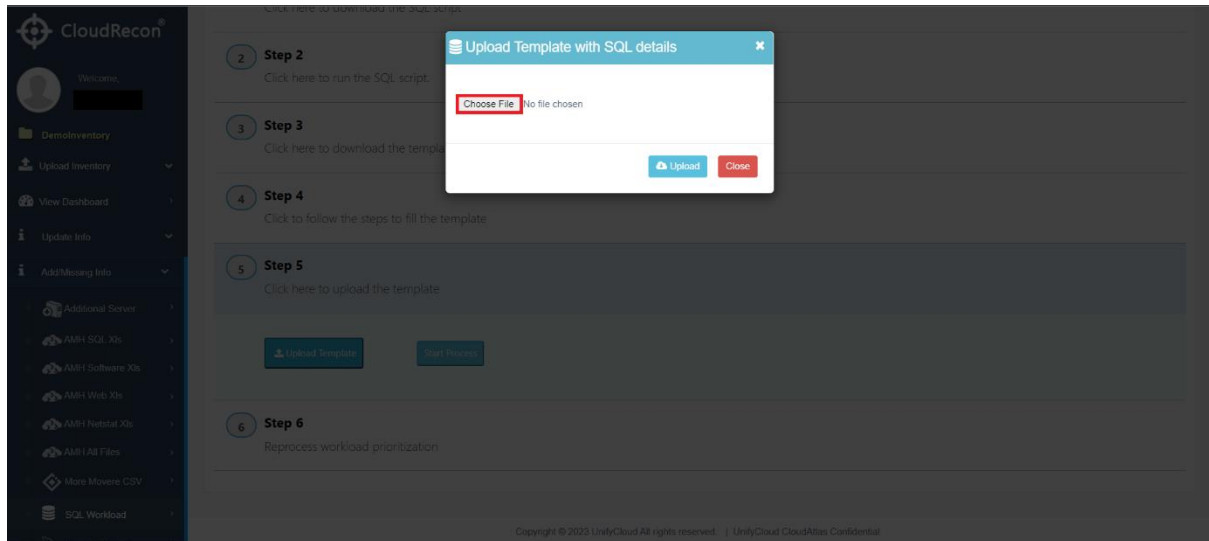


Figure 134: Choose and Upload the template file

Step 7: Click on the 'Start Process' button, to reprocess workload prioritization, as shown in [Figure 135: Reprocess Workload Prioritization](#).

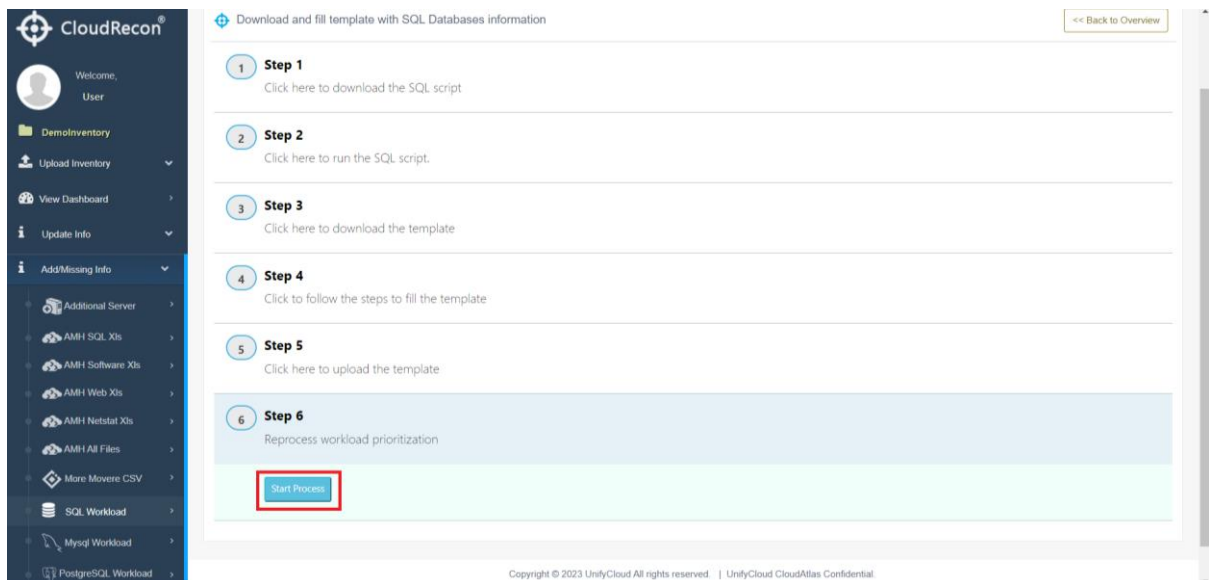


Figure 135: Reprocess Workload Prioritization

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 [Figure 136: Add MySQL Workload Information](#).

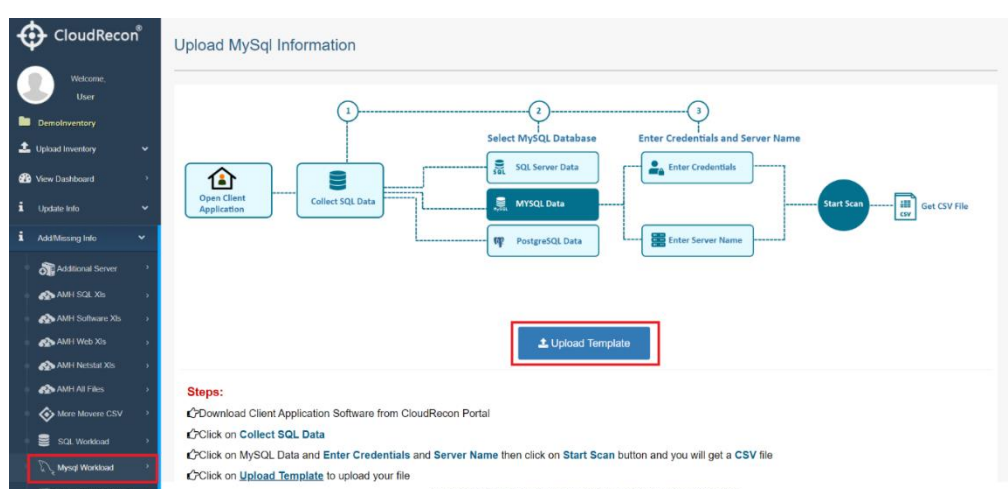


Figure 136: Add MySQL Workload Information

3. Click on the respective Upload button to browse for and upload your data, as shown in [Figure 137: Upload MySQL Template](#).

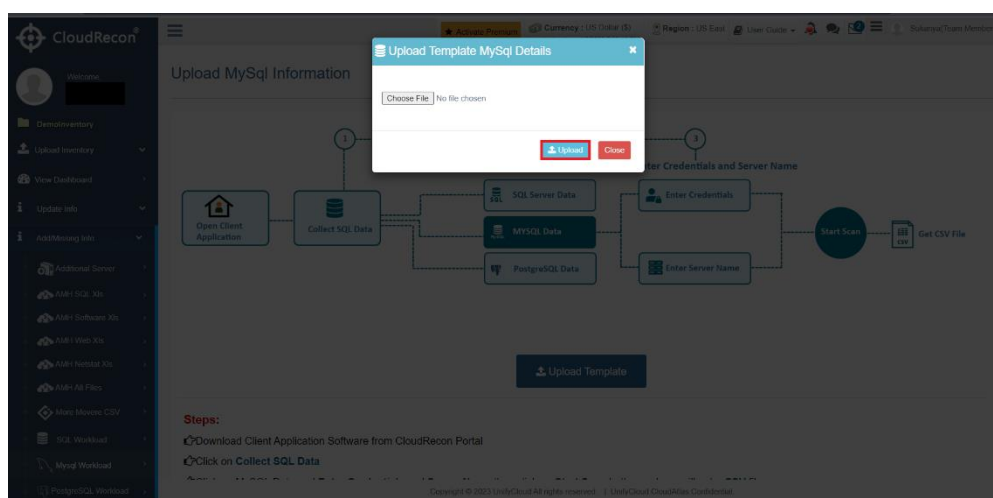


Figure 137: Upload MySQL Template

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 [Figure 138: Add PostgreSQL Workload Information](#).

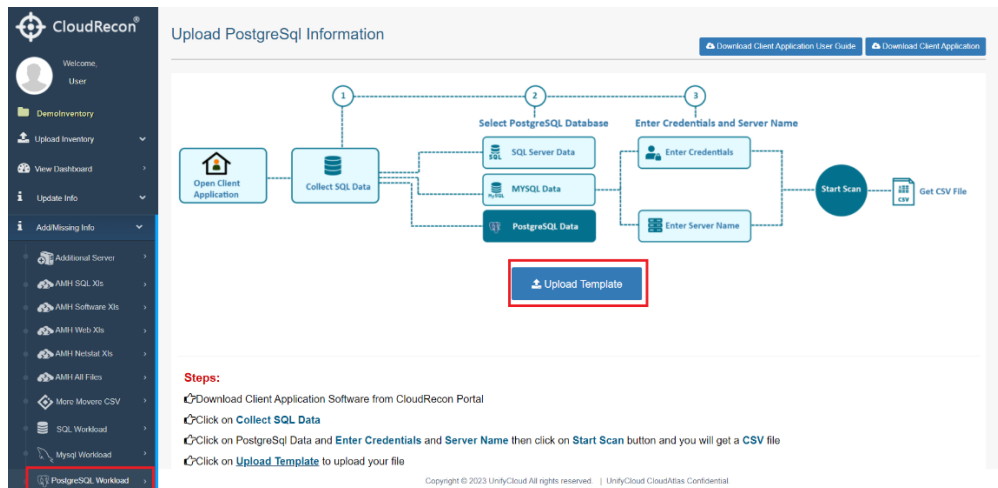


Figure 138: Add PostgreSQL Workload Information

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.

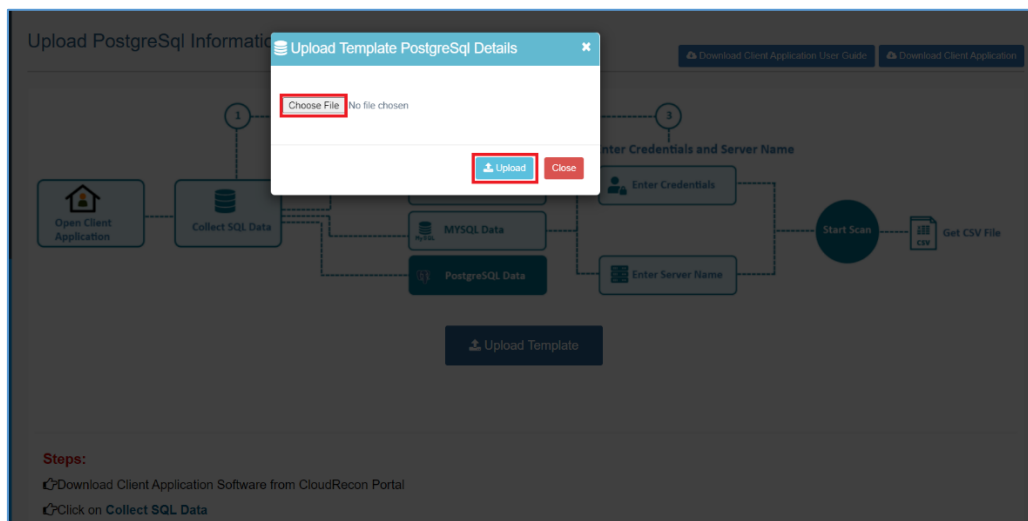


Figure 139: Upload Template File

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](#).

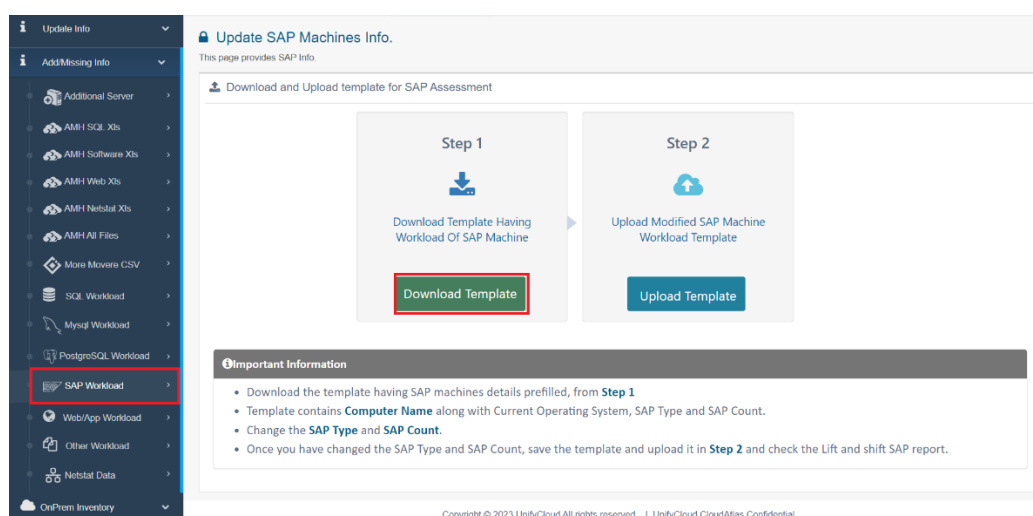


Figure 140: Add SAP Workload Information

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](#).

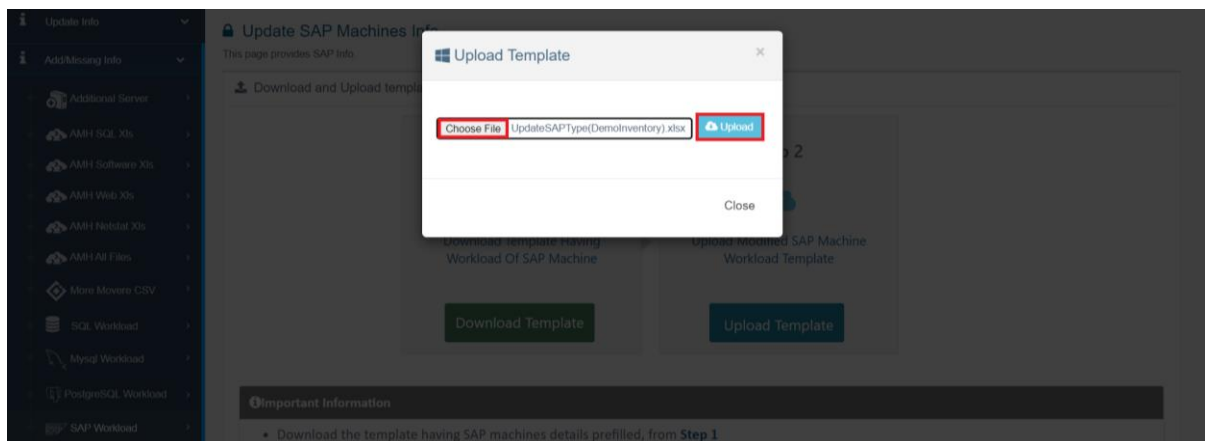


Figure 141: Upload SAP Workload.xlsx file

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 [Figure 142: Add Web/App Workload Information](#).

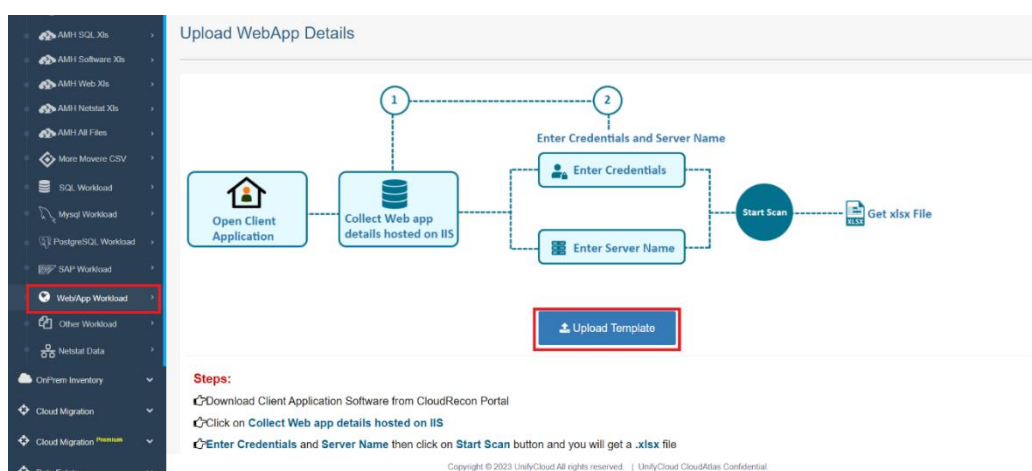


Figure 142: Add Web/App Workload Information

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.

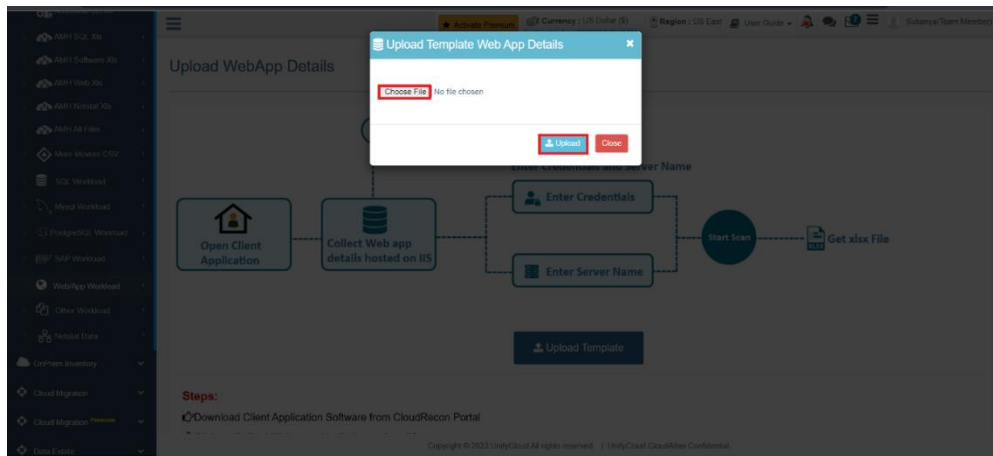


Figure 143: Upload Web/App Template

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.

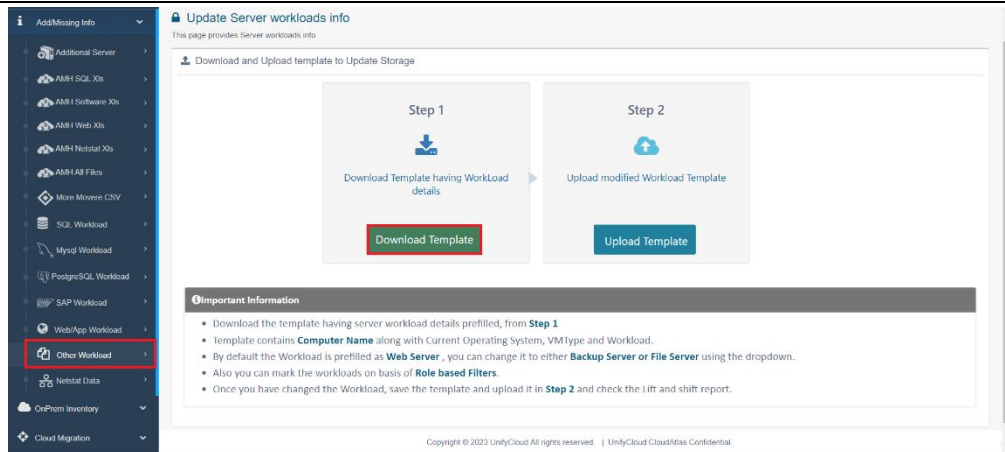


Figure 144: Add Other Workload Information – Download Template

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.

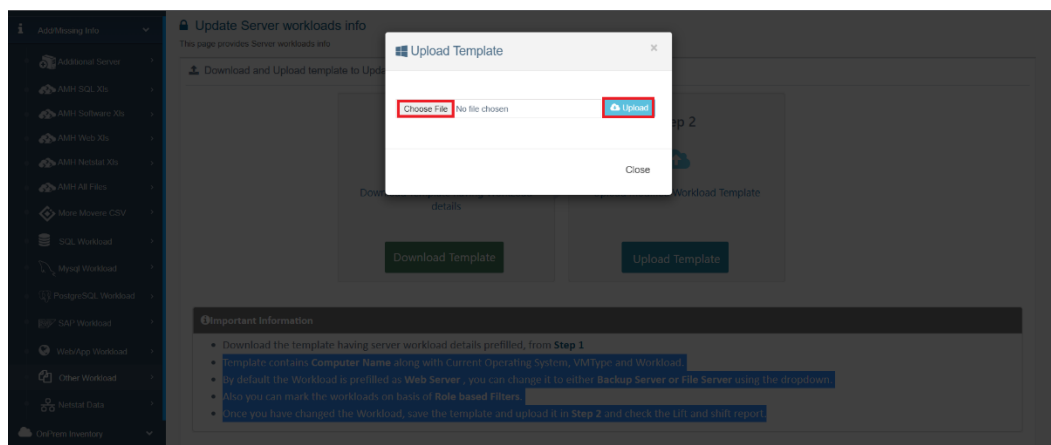


Figure 145: Browse for Template File and Upload

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 [Figure 146: Update Netstat Data – Download Template](#). Template contains demo information, clear

the demo information after downloading the file.

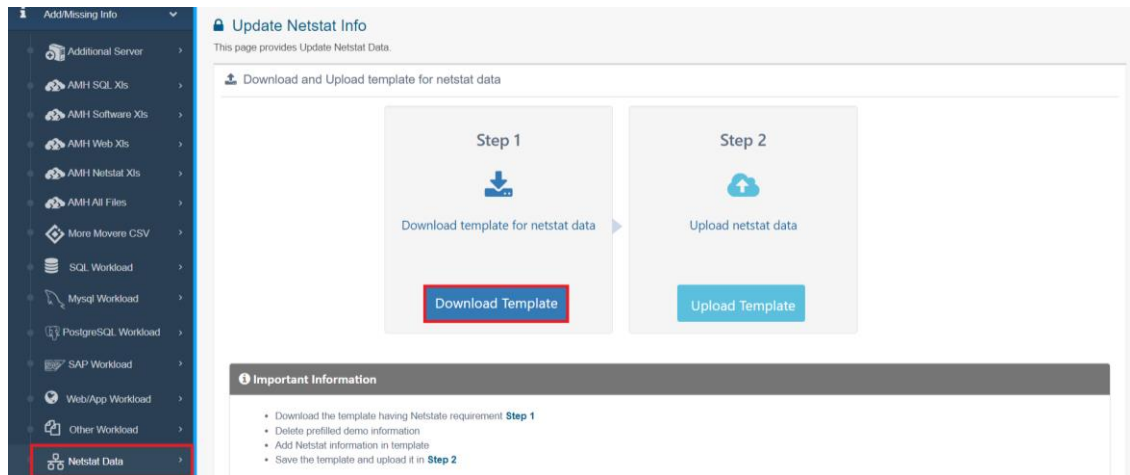


Figure 146: Update Netstat Data – Download Template

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](#).

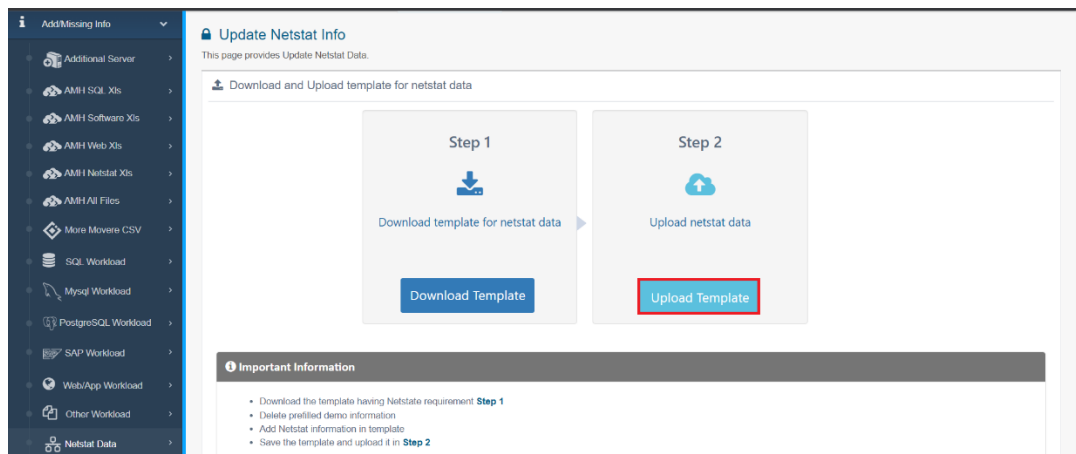


Figure 147: Upload Template

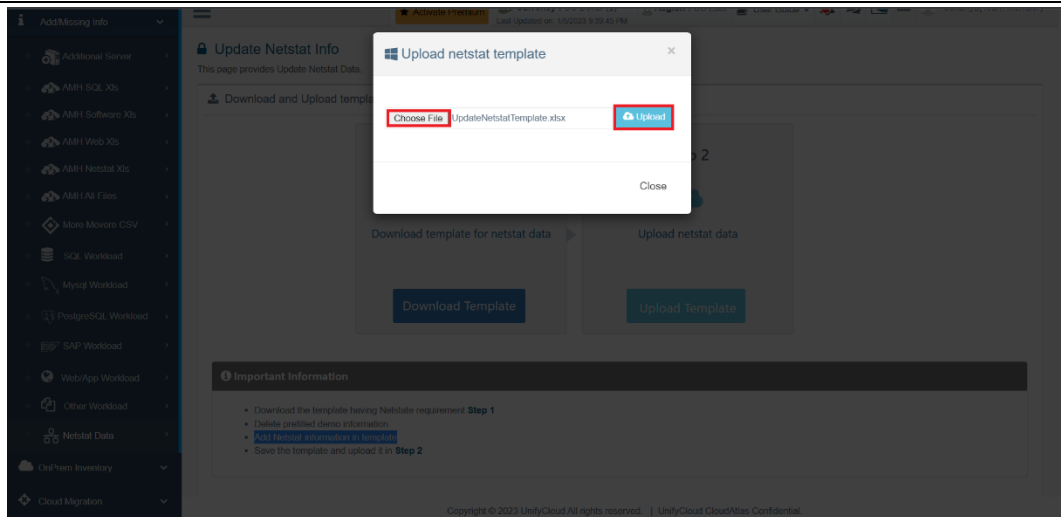


Figure 148: Browse for Netstat Template File and Upload

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 [Figure 149: Overview](#). To view the detail result, click on the particular titles so that detail information will show in a tabular format.

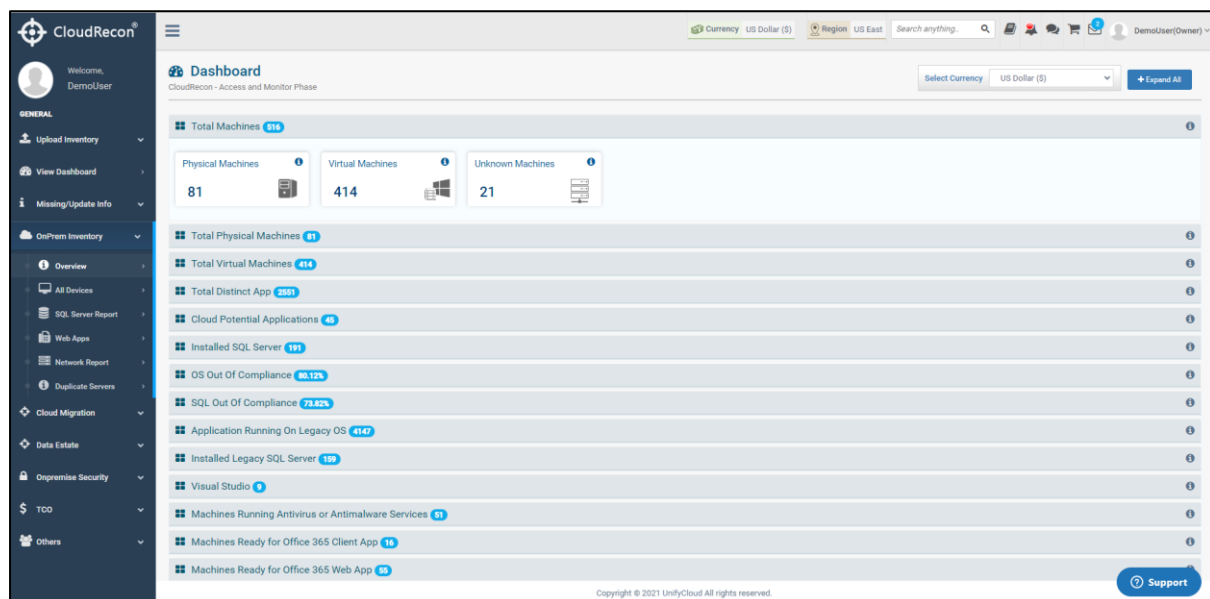


Figure 149: Overview

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](#)

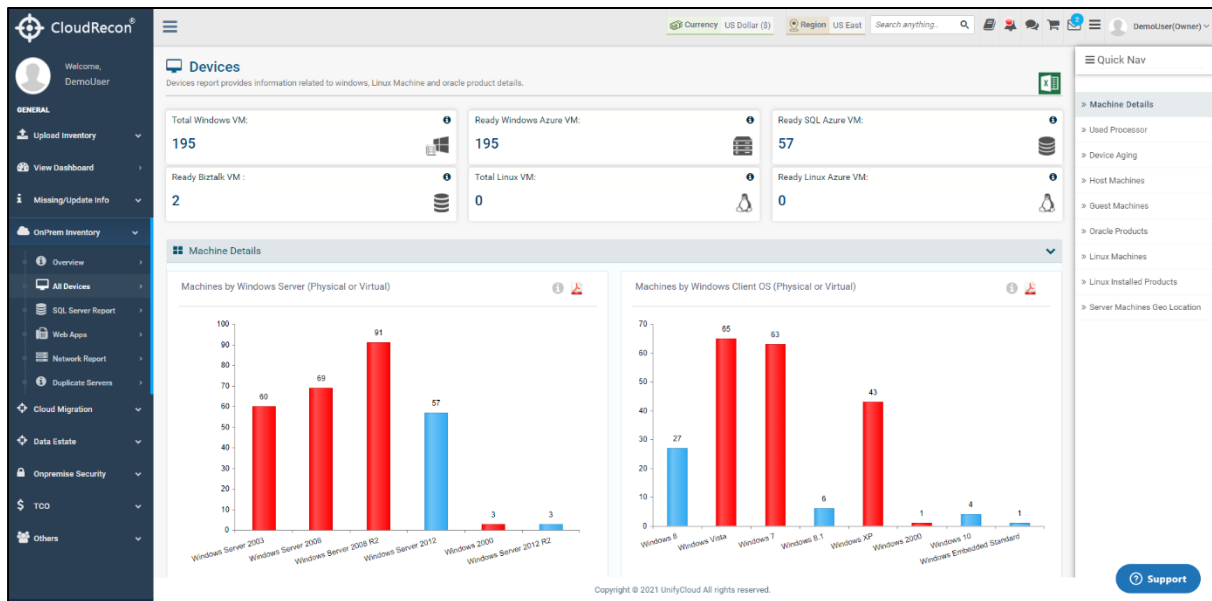


Figure 150: All Devices Report

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](#)

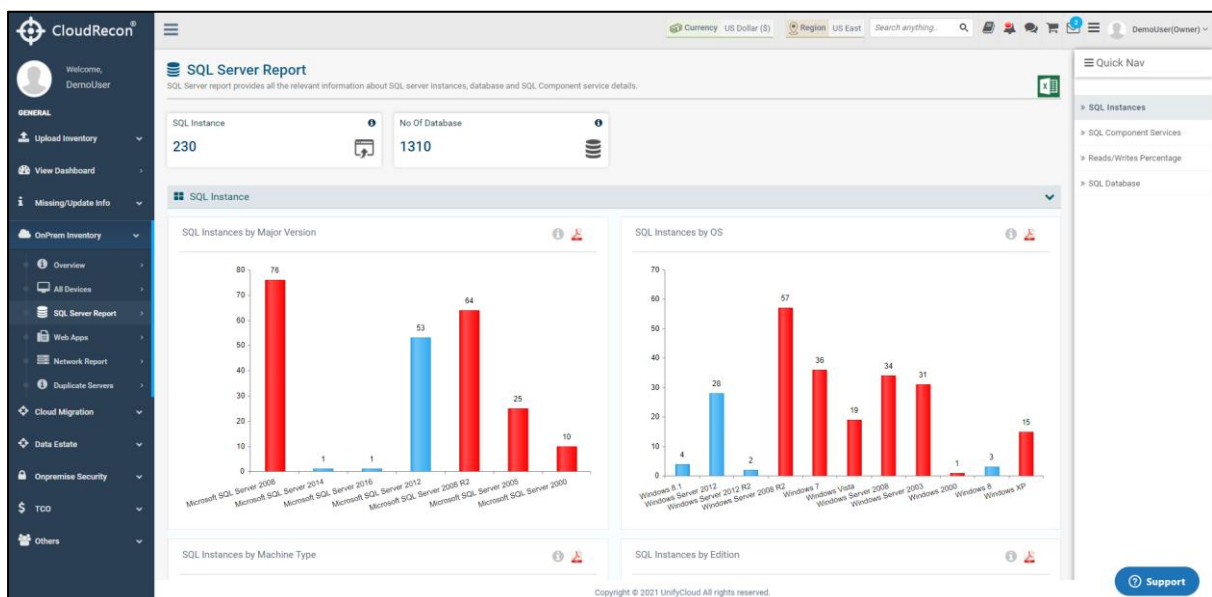


Figure 151: SQL Server Report

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.

1. 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](#)

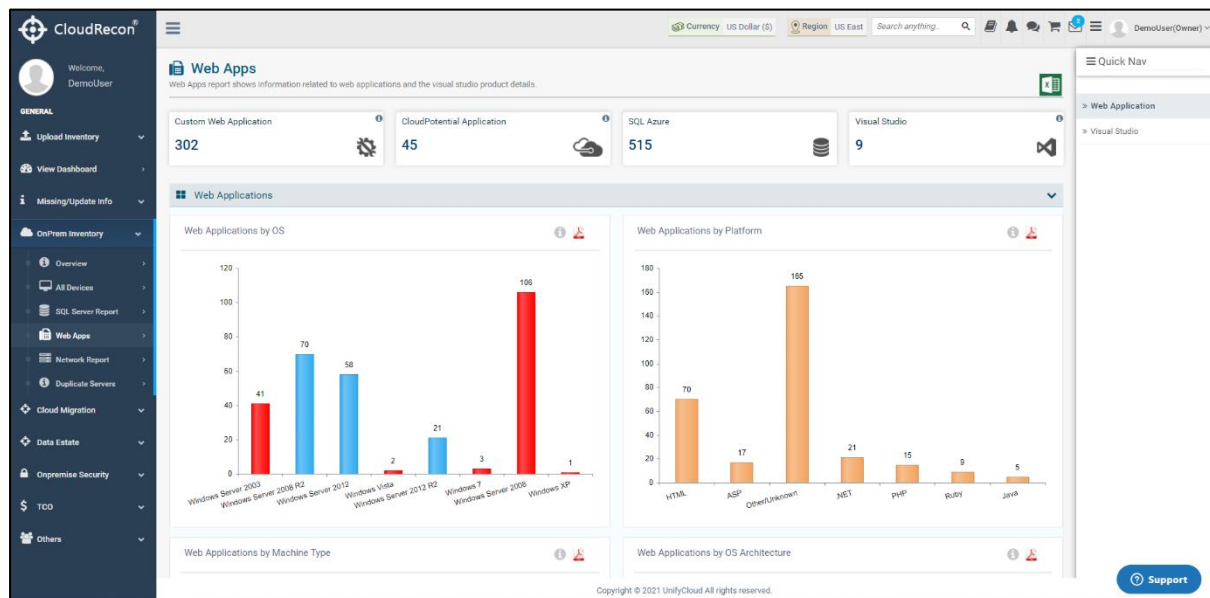


Figure 152: Web Apps Report

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 [Figure 153: Network Report](#)

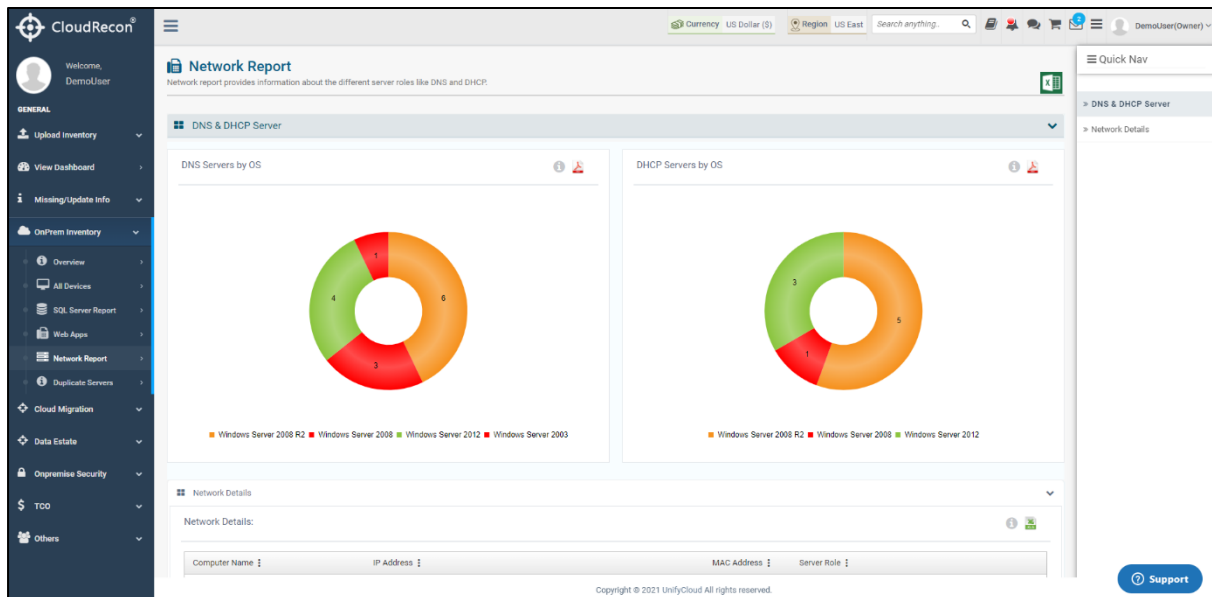


Figure 153: Network Report

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](#)

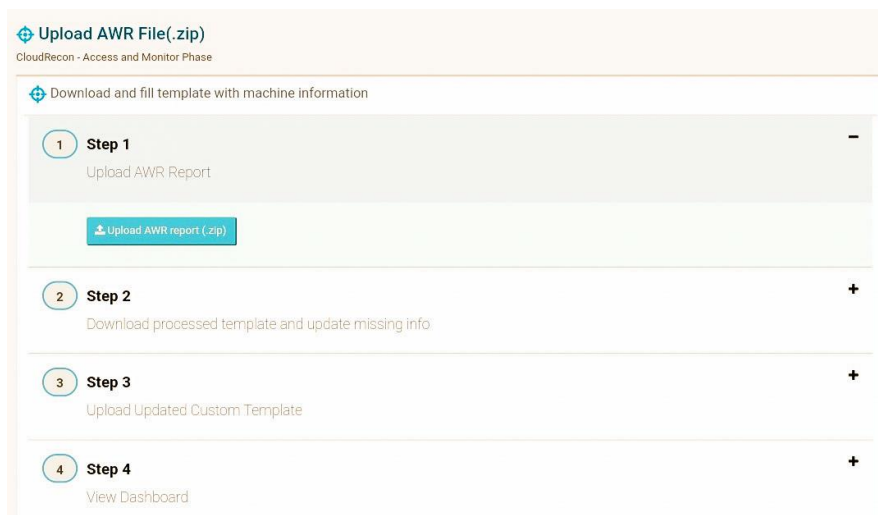


Figure 154: AWR Report

7.3 CLOUD MIGRATION

7.3.1 Lift & Shift (IaaS) Report

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

1. In the left panel of CloudRecon dashboard, click **Lift & Shift (IaaS)** 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.

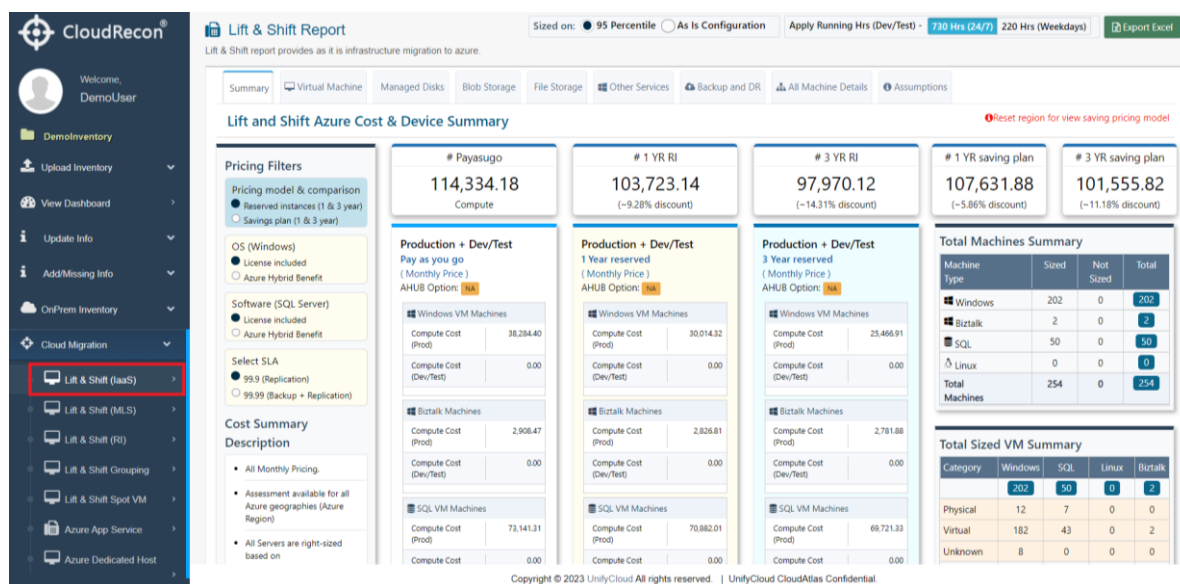


Figure 155: Lift and Shift

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](#)

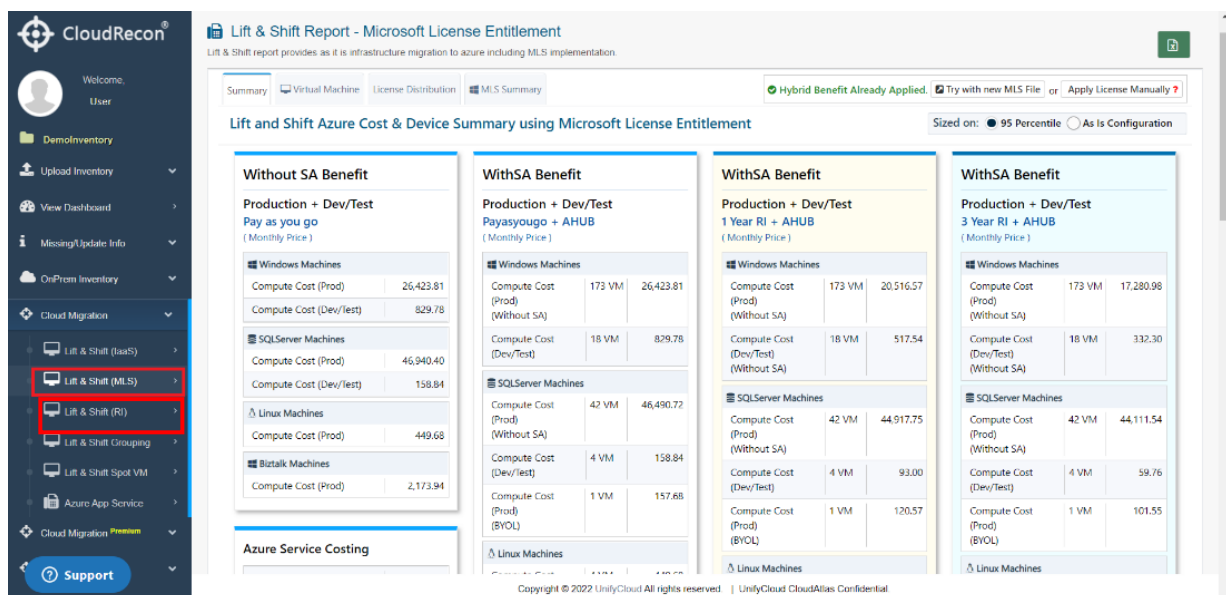


Figure 156: Lift & Shift with MLS

2. 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 [Figure 157: Licensing Information](#)

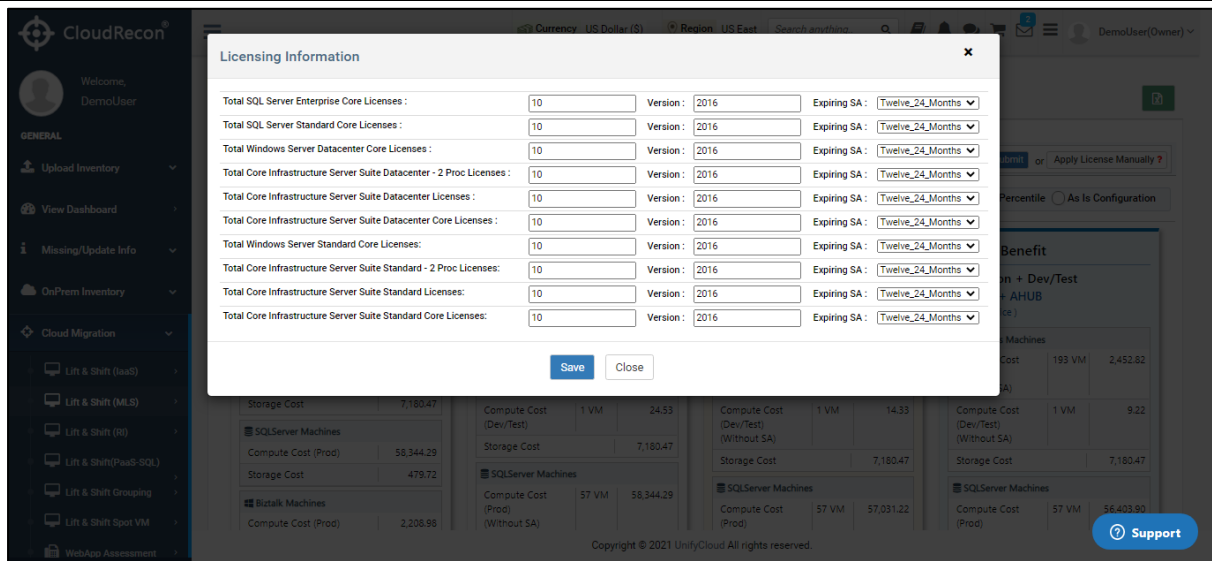


Figure 157: Licensing Information

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](#)

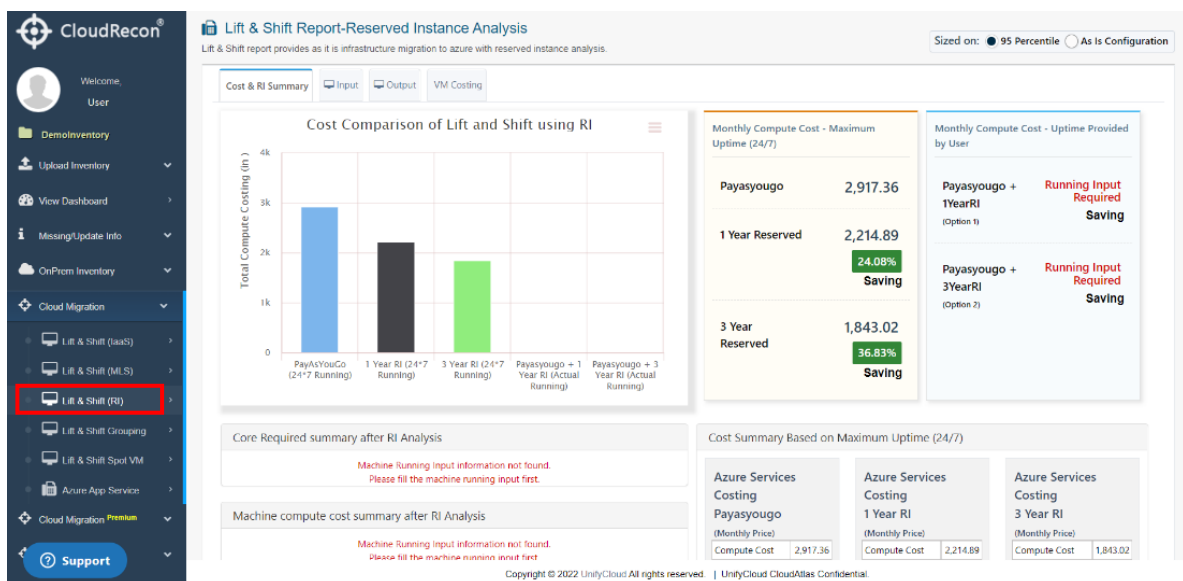


Figure 158: Lift & Shift with RI

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](#)

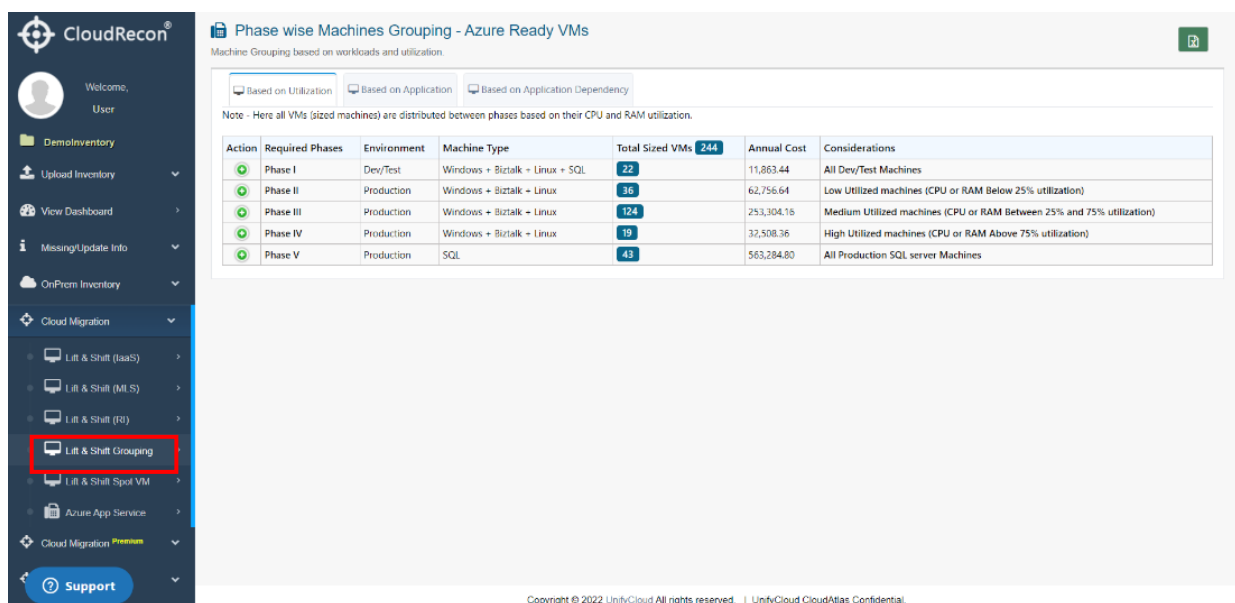


Figure 159: Lift & Shift with Grouping

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](#)

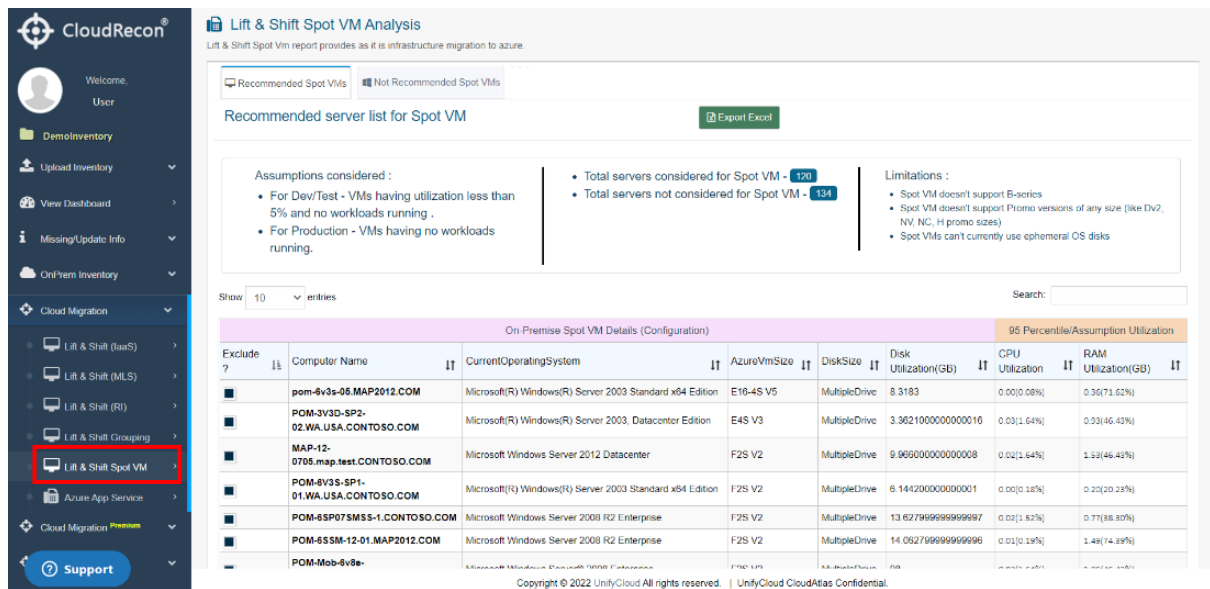


Figure 160: Lift & Shift spot VM

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](#)

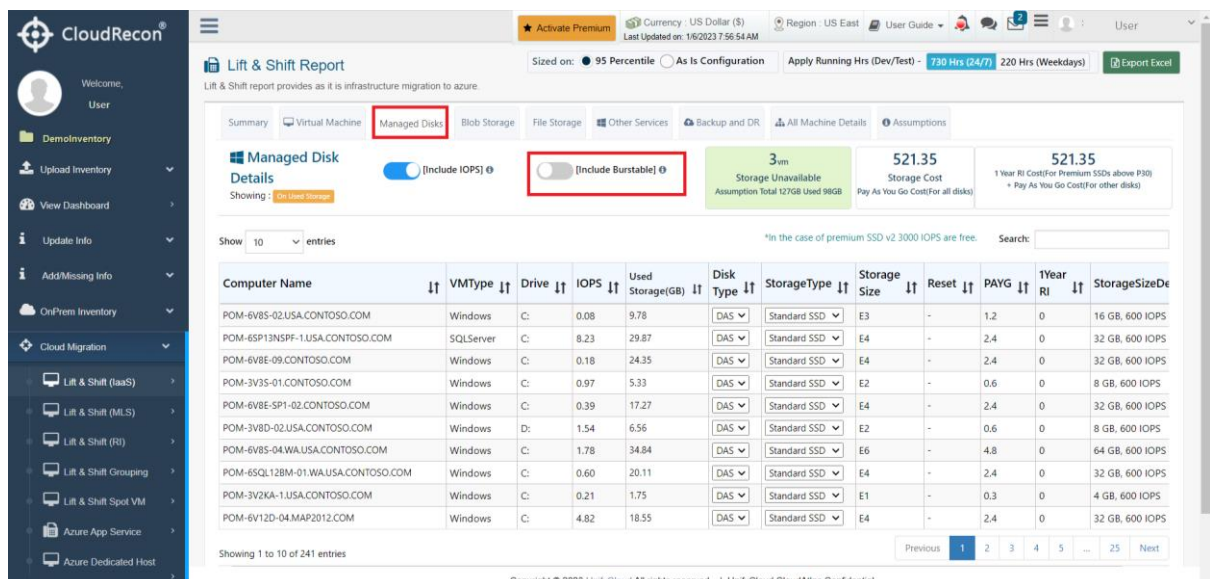


Figure 161: Burstable toggle button with IOPS

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](#)

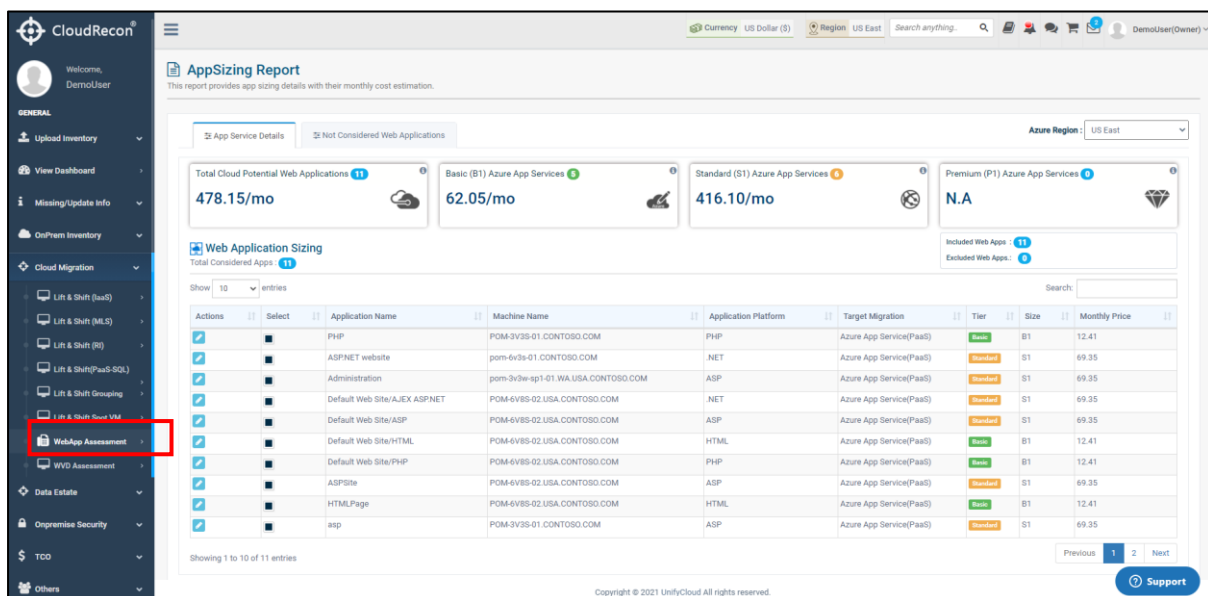


Figure 162: Lift & Shift with App Sizing

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.

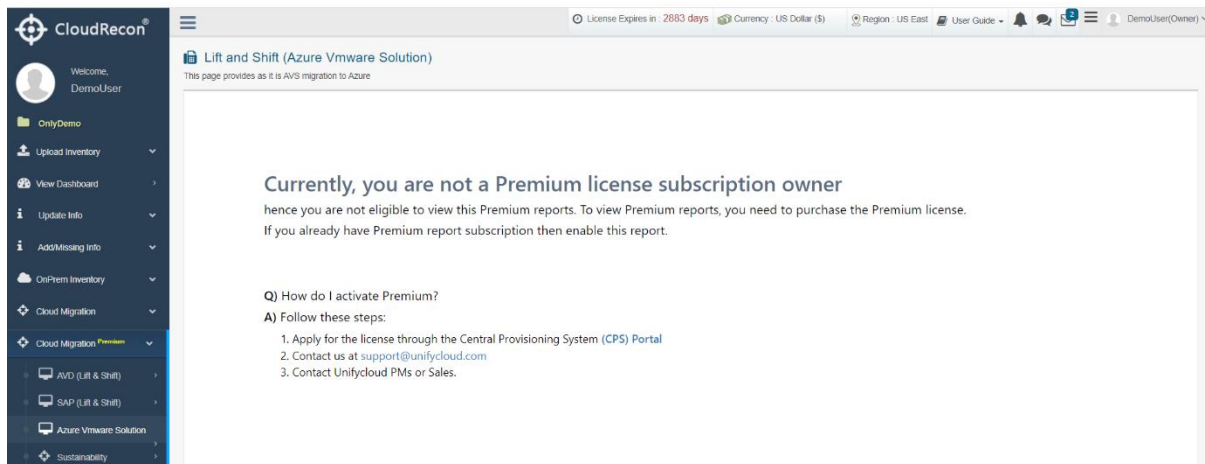


Figure 162 A: Premium Reports Not Available

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: <https://centralprovisioning.azurewebsites.net/>.

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.

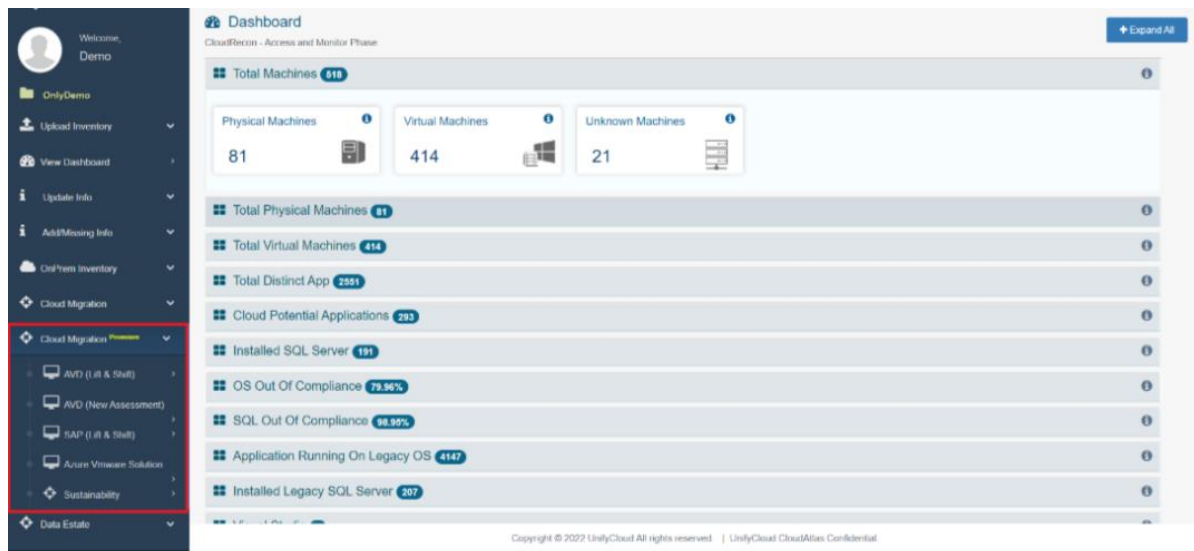


Figure 162 B: Premium Reports Activated

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.

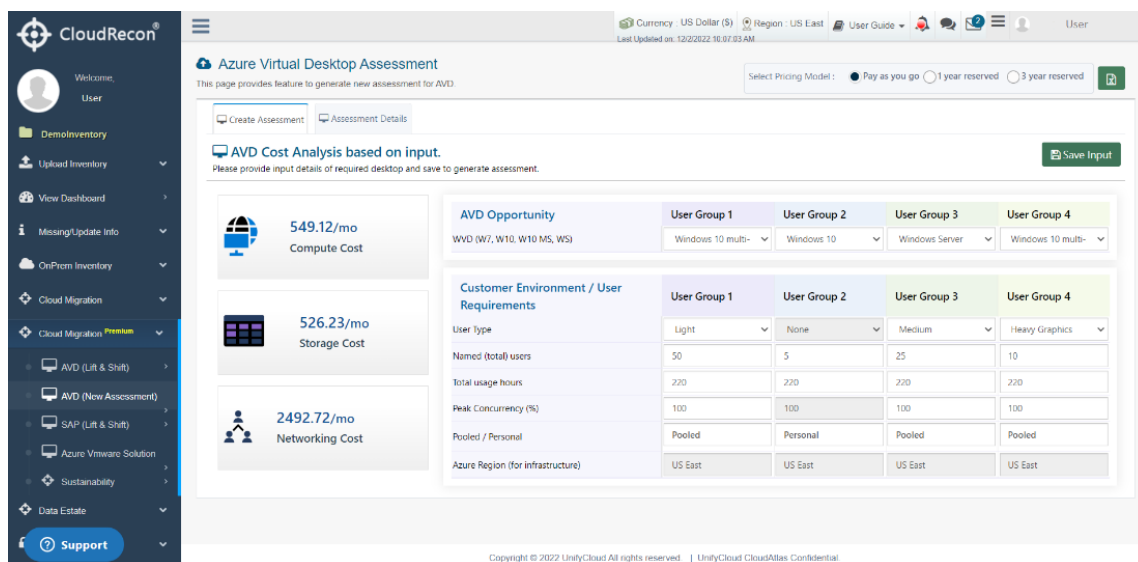
In the left panel of CloudRecon dashboard, click **AVD Assessment** under Cloud Migration tab. You will be directed to the 'Lift and Shift desktop assessment' report page as shown in [Figure 163: Azure Virtual Desktop \(AVD\)](#).



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.**



Azure Virtual Desktop Assessment

This page provides feature to generate new assessment for AVD.

Select Pricing Model: ☒ Pay as you go ☐ 1 year reserved ☐ 3 year reserved

AVD Cost Analysis based on input.

Please provide input details of required desktop and save to generate assessment.

AVD Opportunity

User Group 1	User Group 2	User Group 3	User Group 4
Windows 10 multi-	Windows 10	Windows Server	Windows 10 multi-

Customer Environment / User Requirements

User Group 1	User Group 2	User Group 3	User Group 4
Light	None	Medium	Heavy Graphics
50	5	25	10
2200	2200	2200	2200
100	100	100	100
Pooled	Personal	Pooled	Pooled
US East	US East	US East	US East

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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.**

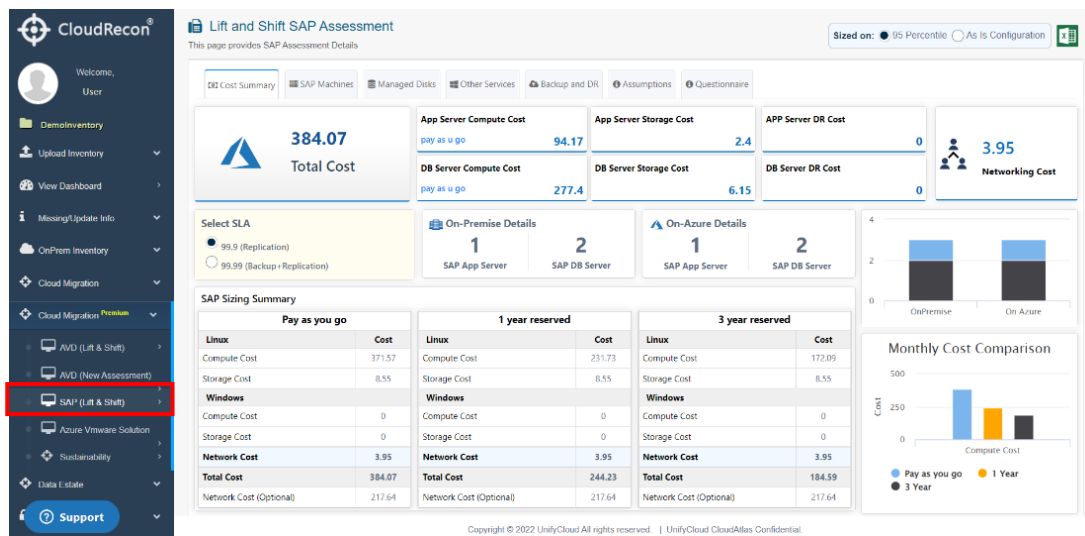
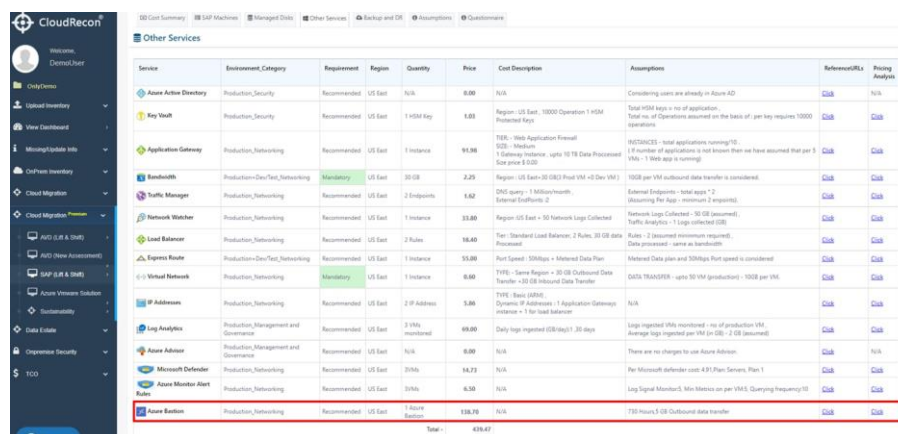


Figure 164: SAP (Lift & Shift) Assessment

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.

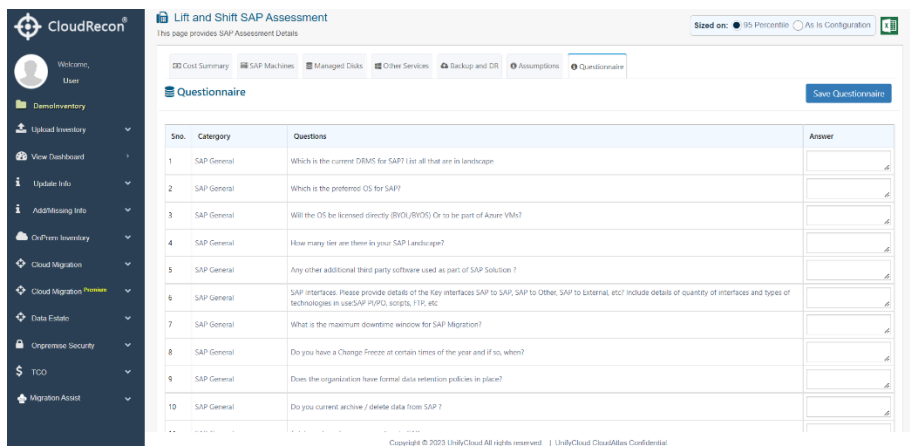


Service	Environment/Category	Requirement	Region	Quantity	Price	Cost Description	Assumptions	Reference URLs	Pricing Analysis
Azure Active Directory	Production/Security	Recommended	US East	N/A	0.00	N/A	Considering users are already in Azure AD	Click	N/A
Key Vault	Production/Security	Recommended	US East	1 HSM Key	1.03	Region - US East, 10000 Operations 1 HSM Protected Keys	Total HSM keys is no of application. Total no. of Operations assumed on the basis of: per key requires 10000 operations	Click	Click
Application Gateway	Production/Networking	Recommended	US East	1 Instance	91.98	TIER - Web Application Firewall S2S - Medium 1 Gateway Instance - up to 10 TB Data Processed Size price \$100	INSTANCES - total applications running/10. If number of applications is not known then we have assumed that per 10 TB data processed size price is \$100	Click	Click
Bondwidth	Production/Dev/Test/Networking	Mandatory	US East	30 GB	2.25	Region - US East - 30 GB Prod (30 - 40 GB)	10GB per VM outbound data transfer is considered	Click	Click
Traffic Manager	Production/Networking	Recommended	US East	2 Endpoints	1.62	DNS query - 1 Million/month External Endpoints - 2	External Endpoints - total up to 2 (Assuming Per App - minimum 2 endpoints)	Click	Click
Network Watcher	Production/Networking	Recommended	US East	1 Instance	31.80	Region - US East - 50 Network Logs Collected	Network Logs Collected - 50 GB (assumed). Traffic Analytics - 1 TB Log Collected (GB)	Click	Click
Load Balancer	Production/Networking	Recommended	US East	2 Rules	16.40	Tier - Standard Load Balancer, 2 Rules, 30 GB data processed	Rules - 2 (assumed minimum required). Data processed - same as bandwidth	Click	Click
Express Route	Production/Dev/Test/Networking	Recommended	US East	1 Instance	53.00	Full Speed - 30Mbps + Unlimited Data Plan	Metered Data plan and 30Mbps Port speed is considered	Click	Click
Virtual Network	Production/Networking	Mandatory	US East	1 Instance	0.40	TYPS - Same Region - 30 GB Outbound Data Transfer - 30 GB Inbound Data Transfer	DATA TRANSFER - up to 30 VM (production) - 30GB per VM	Click	Click
IP Address	Production/Networking	Recommended	US East	2 IP Address	3.06	TYPS - Basic (public) Dynamic IP Addresses - 1 Application Gateway instance - 1 for load balancer	N/A	Click	Click
Log Analytics	Production/Management and Governance	Recommended	US East	3 VMs monitored	69.00	Daily logs ingested (30 days) 30 days	Logs ingested VMs monitored - no of production VMs Average logs ingested per VM (in GB) - 2 GB (assumed)	Click	Click
Azure Advisor	Production/Management and Governance	Recommended	US East	N/A	0.00	N/A	There are no charges to use Azure Advisor	Click	N/A
Microsoft Defender	Production/Networking	Recommended	US East	20GB	14.73	N/A	Per Microsoft defender cost 430/Plan-Series, Plan 1	Click	Click
Azure Monitor Alert Rules	Production/Networking	Recommended	US East	30%N	6.30	N/A	Log Signal Monitor's, Min Metrics on per VM's, Querying frequency/10	Click	Click
Azure Bastion	Production/Networking	Recommended	US East	1 Azure Bastion	138.78	N/A	720 Hours 1 GB Outbound data transfer	Click	Click
Total					439.47				

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](#)



Sno.	Category	Questions	Answer
1	SAP General	Which is the current DRMS for SAP? (List all that are in landscape)	<input type="text"/>
2	SAP General	Which is the preferred OS for SAP?	<input type="text"/>
3	SAP General	Will the OS be licensed directly (BYOL/RTOG) Or to be part of Azure VMs?	<input type="text"/>
4	SAP General	How many file are there in your SAP Landscape?	<input type="text"/>
5	SAP General	Any other additional third party software used as part of SAP Solution?	<input type="text"/>
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)	<input type="text"/>
7	SAP General	What is the maximum downtime window for SAP Migration?	<input type="text"/>
8	SAP General	Do you have a Change freeze at certain times of the year and if so, when?	<input type="text"/>
9	SAP General	Does the organization have formal data retention policies in place?	<input type="text"/>
10	SAP General	Do you current archive / delete data from SAP?	<input type="text"/>

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**.

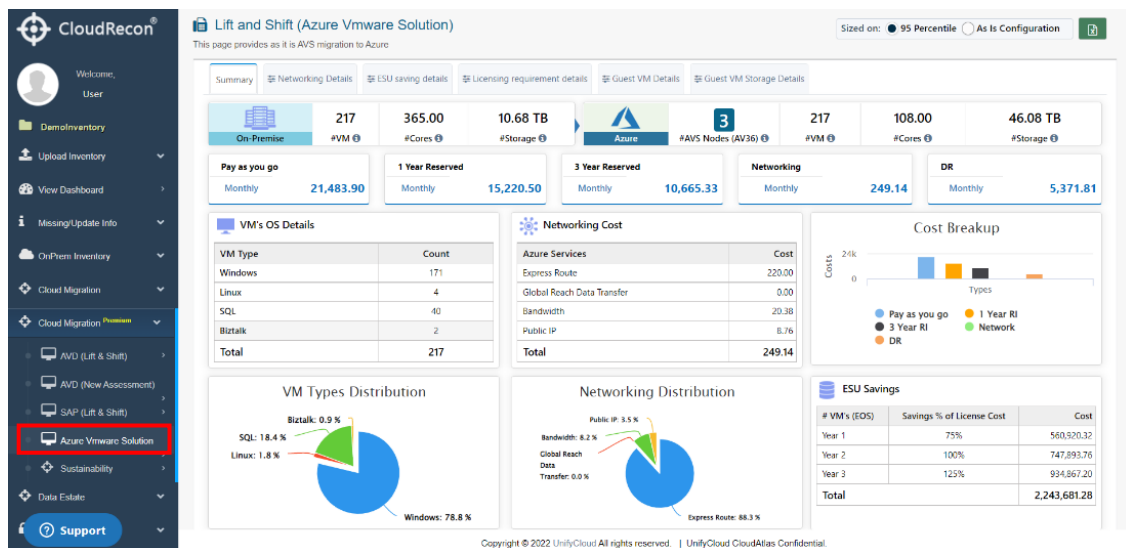


Figure 166 B: Azure VMware Solution

7.4.4 Azure Dedicated Host

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.

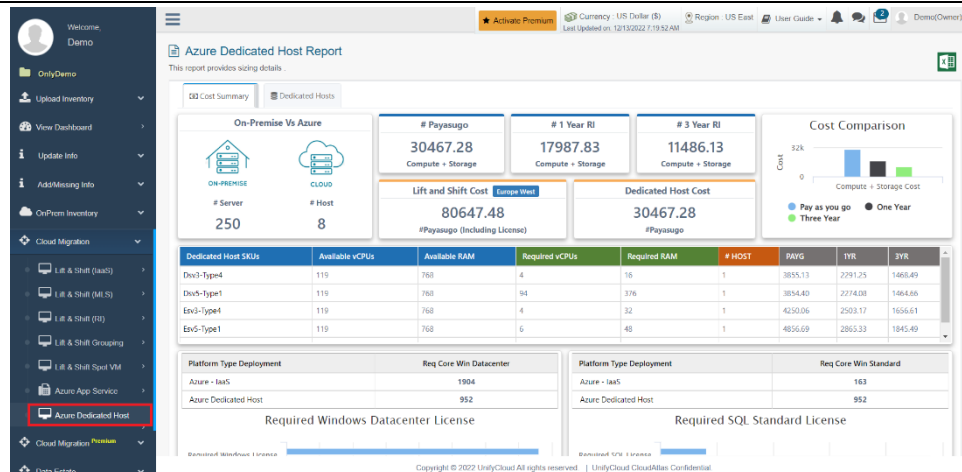


Figure 167: Azure Dedicated Host Report – Cost Summary

Dedicated Hosts

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

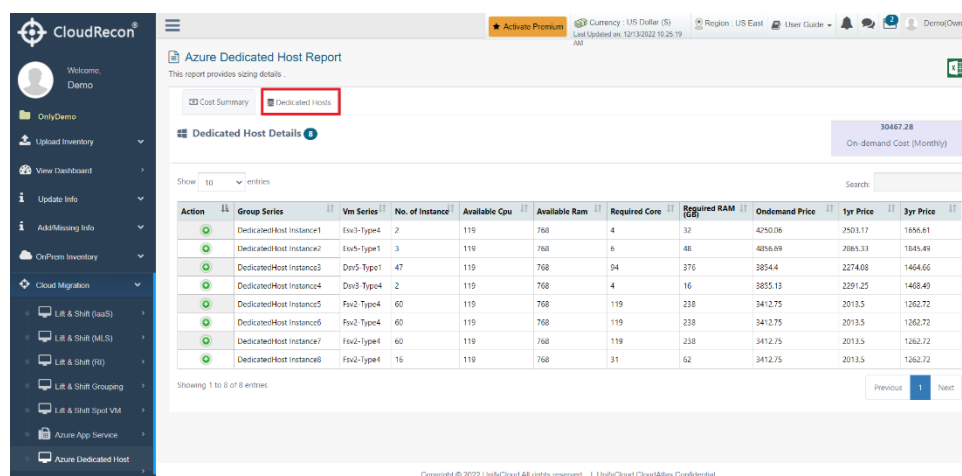


Figure 168: Azure Dedicated Host Report – Dedicated Hosts

7.5 SUSTAINABILITY

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.

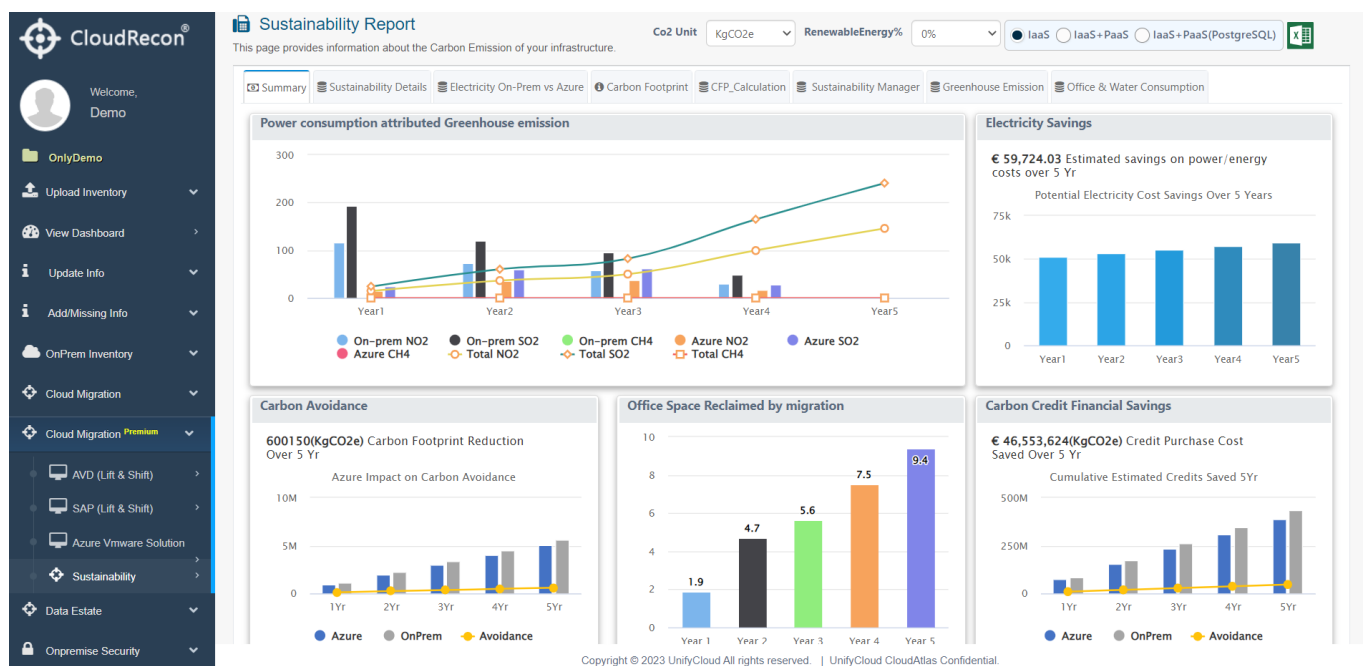


Figure 169A: Sustainability Report - Summary

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.

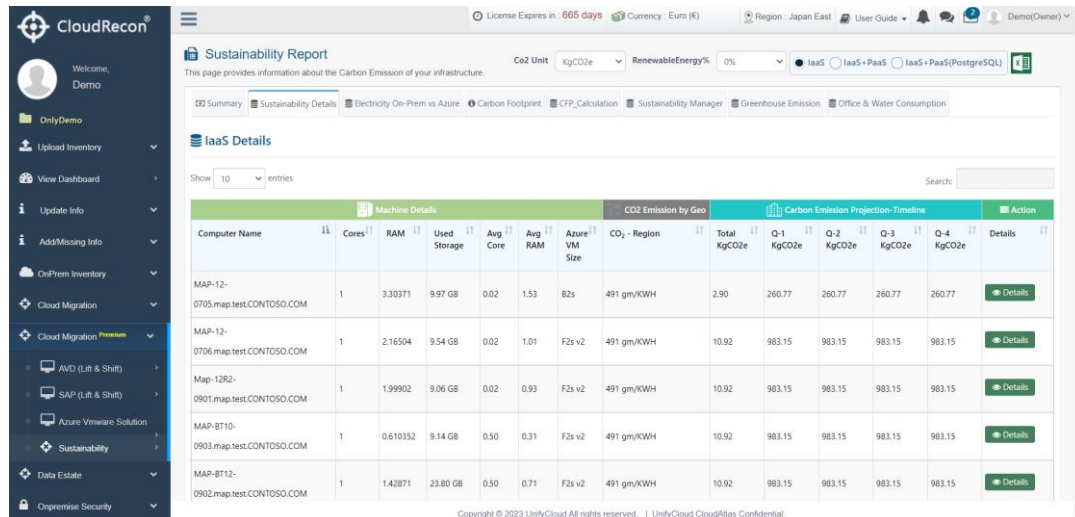


Figure 169B: Sustainability Details

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.

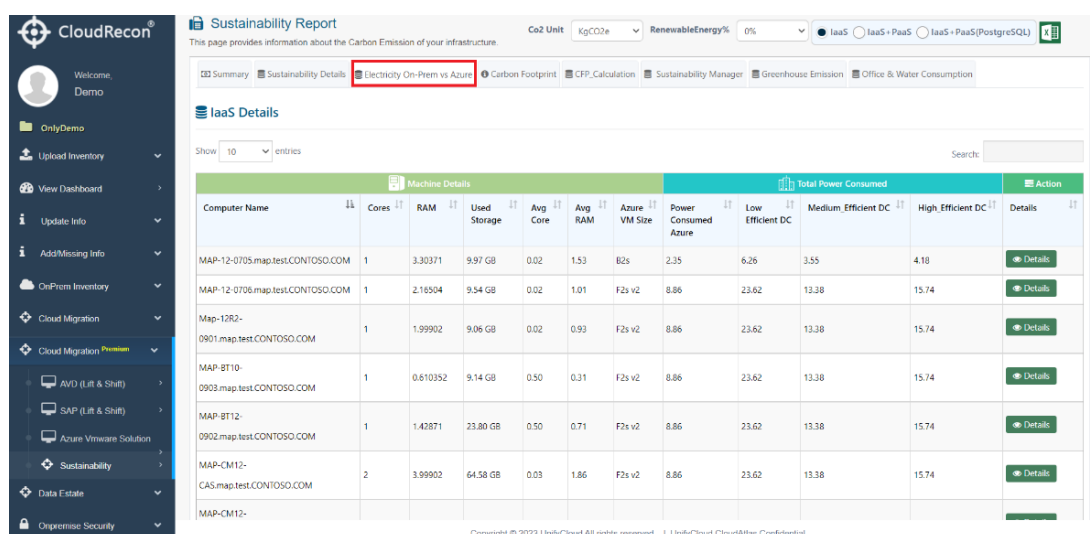


Figure 169C: Electricity On-Prem vs Azure

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.

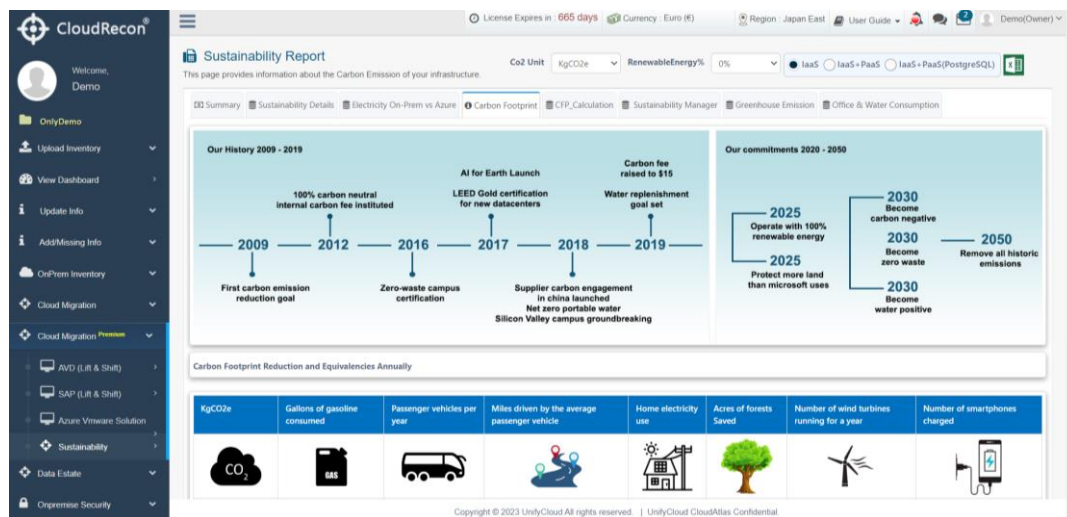


Figure 169D: Carbon Footprint

7.5.5 CFP Calculator

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.

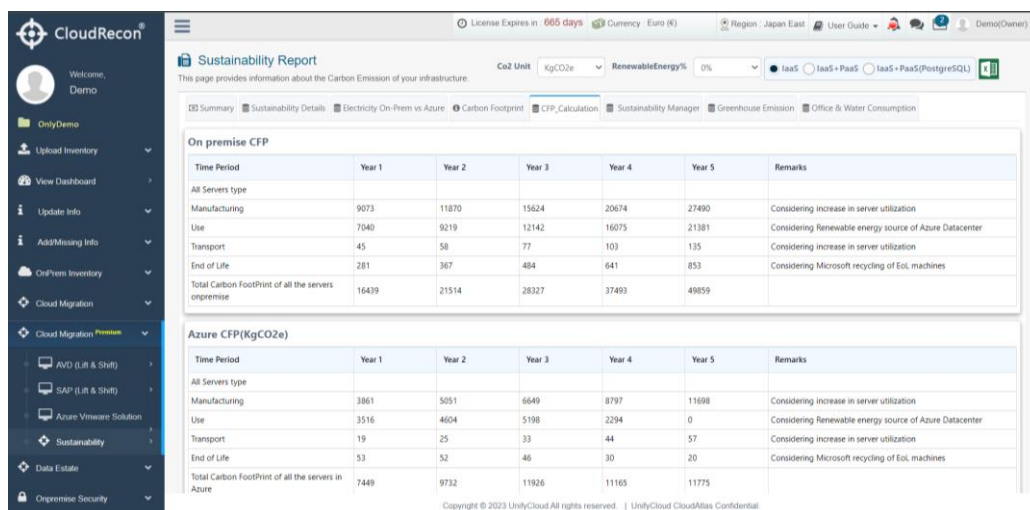


Figure 169E: CFP Calculator

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.

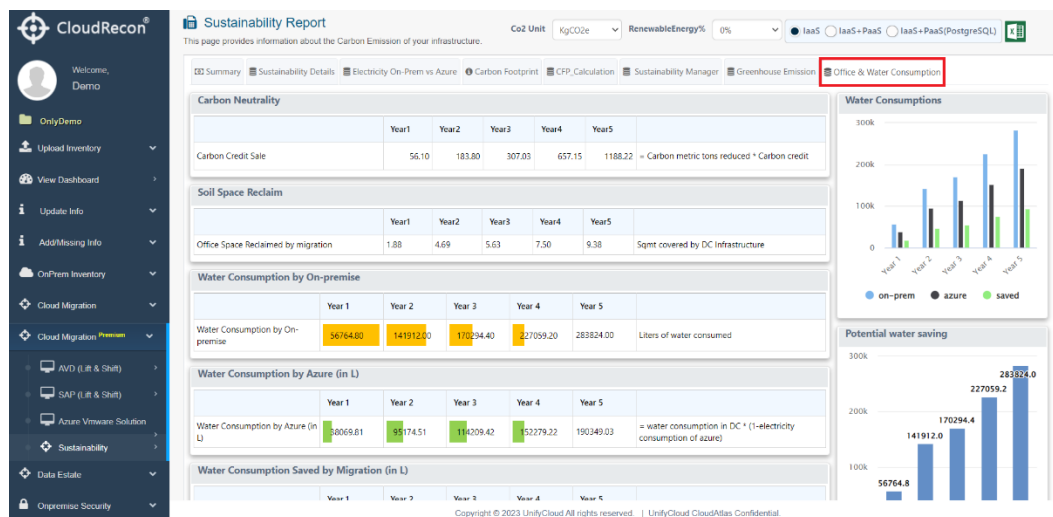


Figure 169F: Office Water Consumption On-Prem vs Azure

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 [Figure 170: SQL vCore](#)

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.

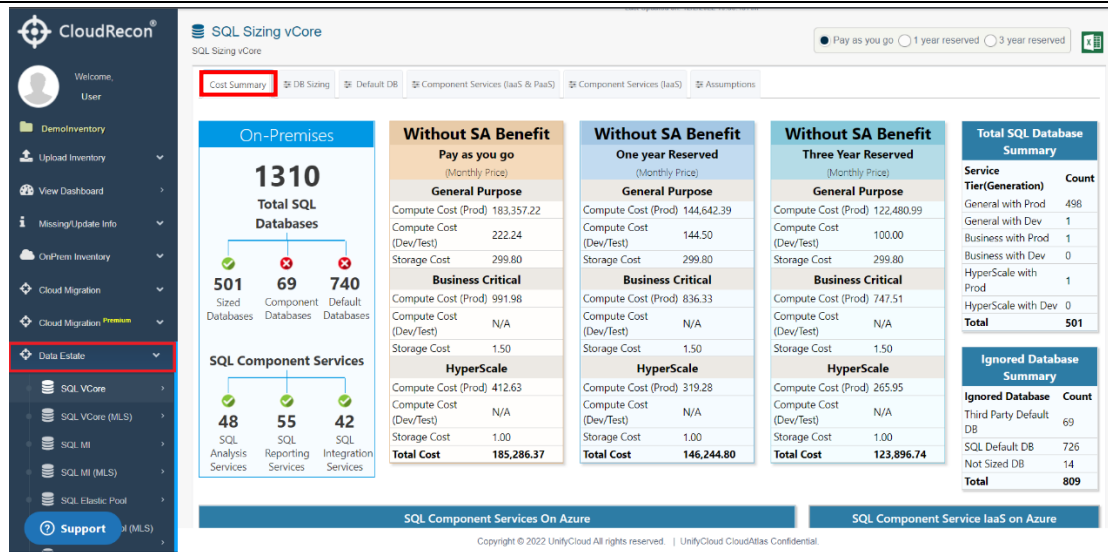


Figure 170: SQL vCore

7.6.2 SQL VCore with MLS

1. 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 [Figure 170B: SQL vCore with MLS](#)
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.

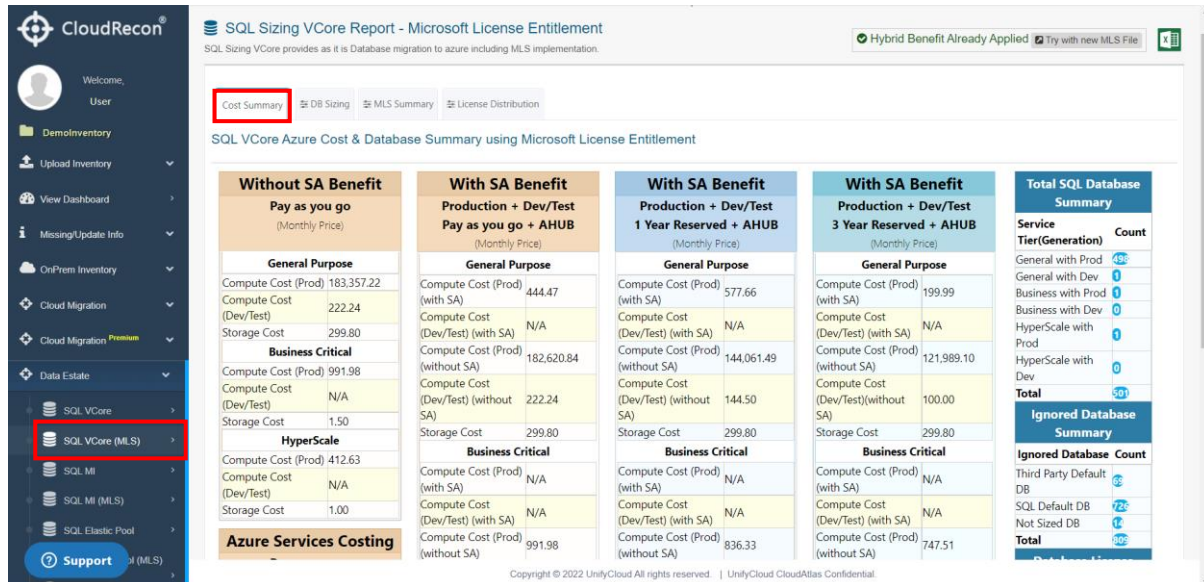


Figure 170B: SQL vCore with MLS

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, tempdb, 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, tempdb, 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

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

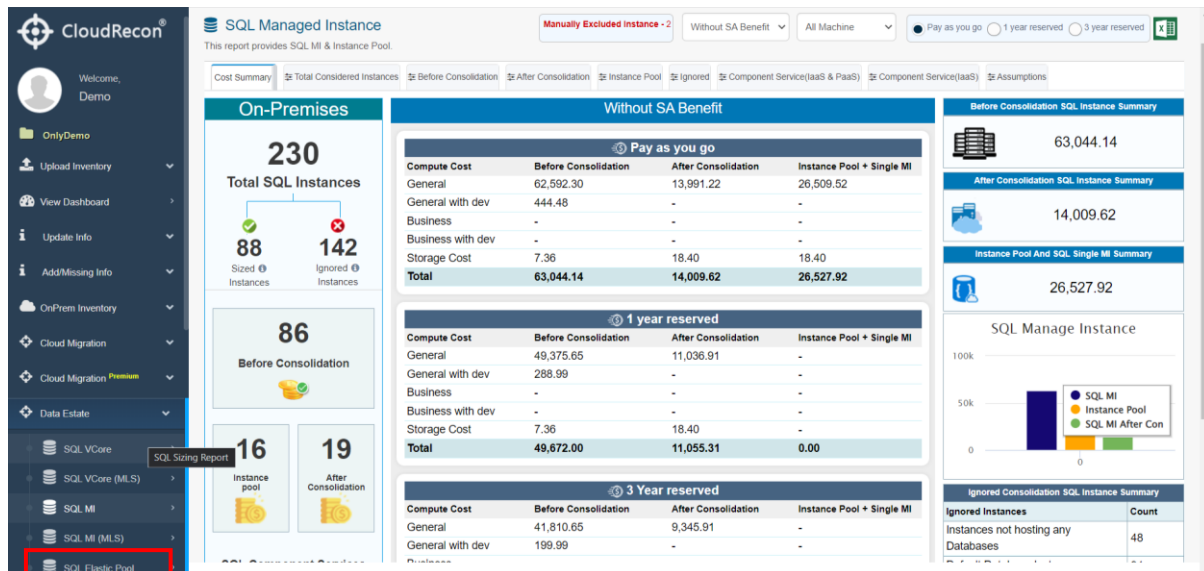


Figure 171: SQL Manage Instance

7.6.4 SQL 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, tempdb, 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, tempdb, 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.

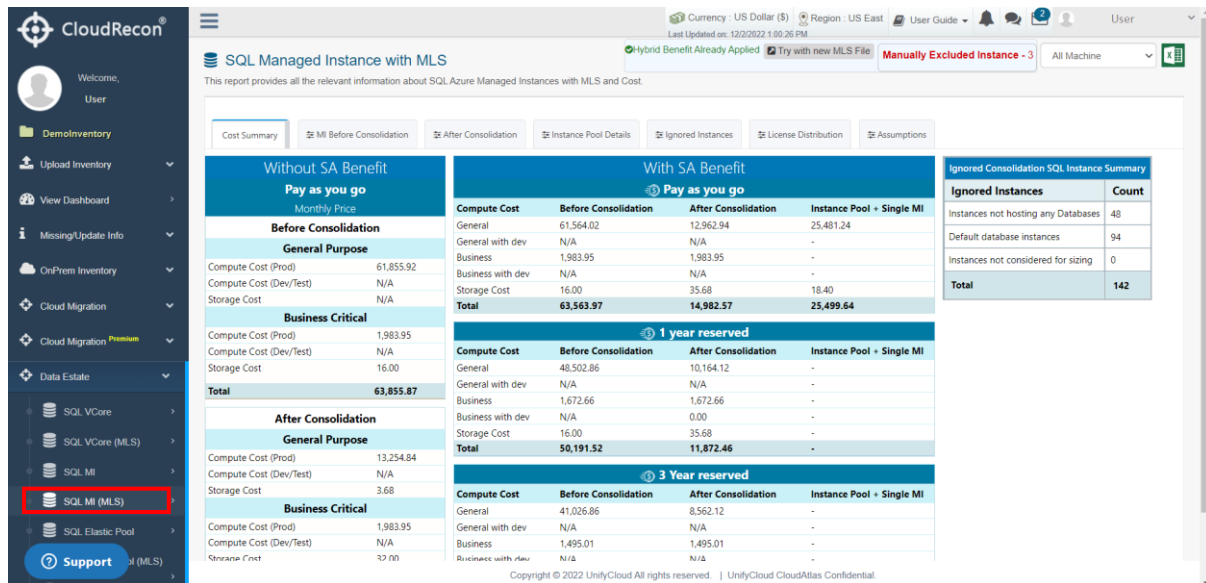


Figure 172: SQL MI with MLS

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.

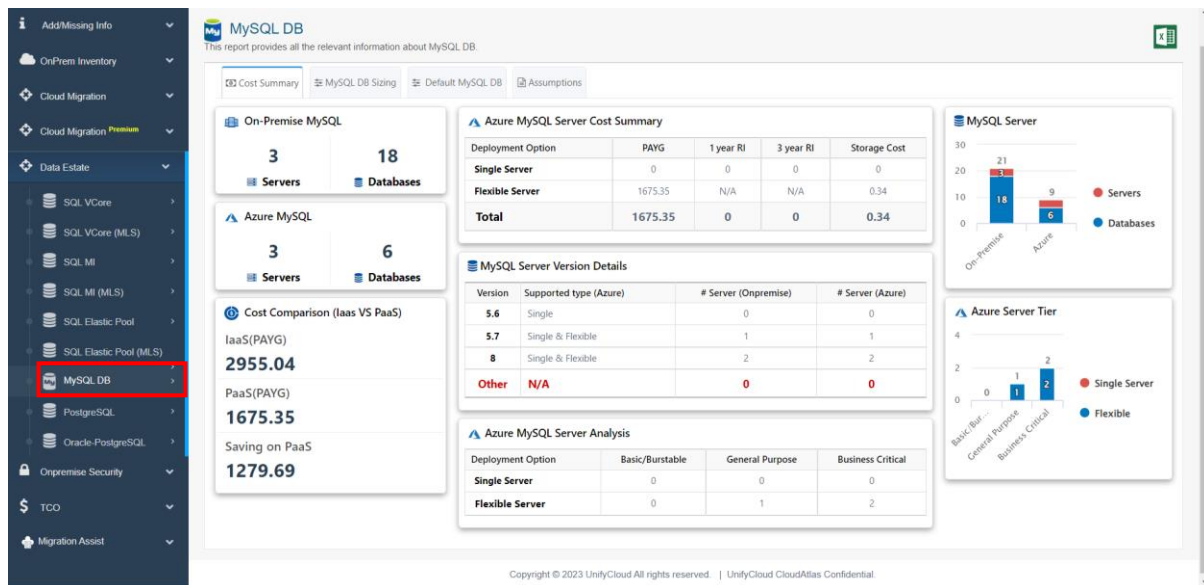


Figure 173: MySQL DB

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 [Figure 174: Elastic Pool](#)

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, temddb, 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, tempdb, 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.

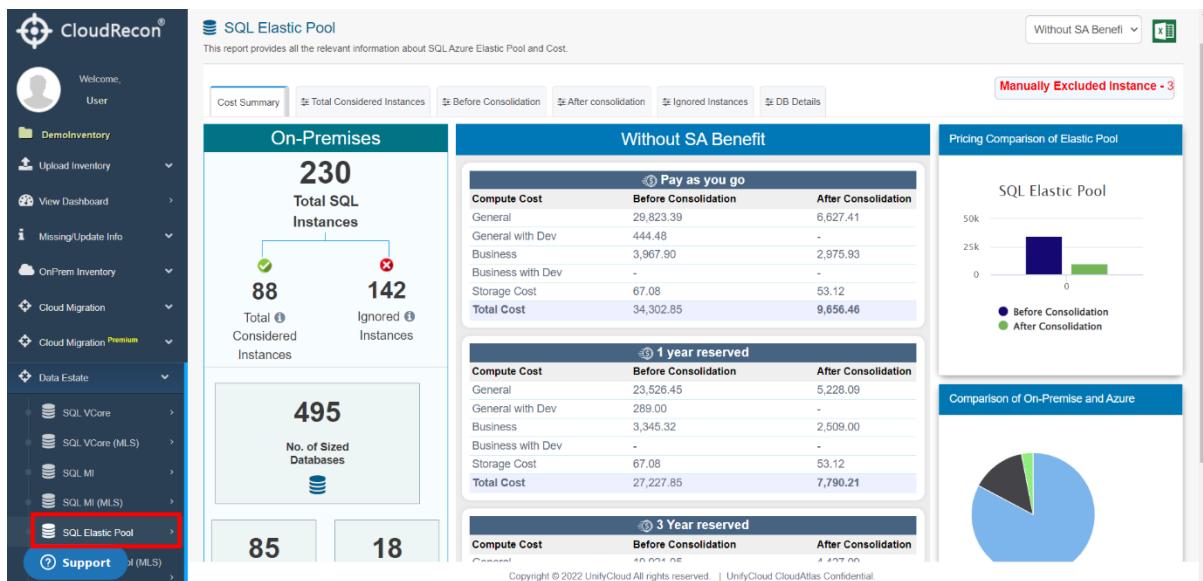


Figure 174: Elastic Pool

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 [Figure 175: Elastic Pool with MLS](#)

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, tempdb, 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, tempdb, 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.

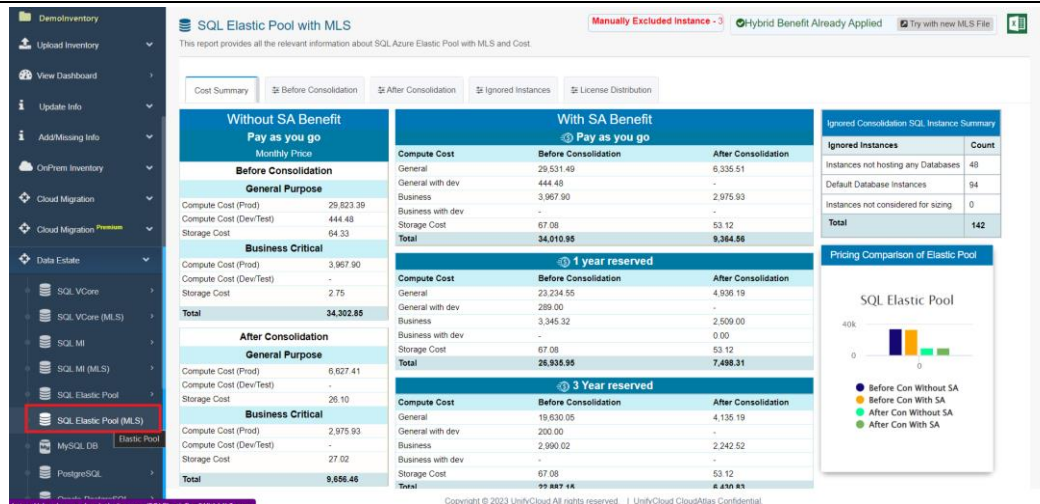


Figure 175: Elastic Pool with MLS

7.6.8 Oracle to PostgreSQL

This report provides information about migration from Oracle to PostgreSQL.

1. 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 changes.

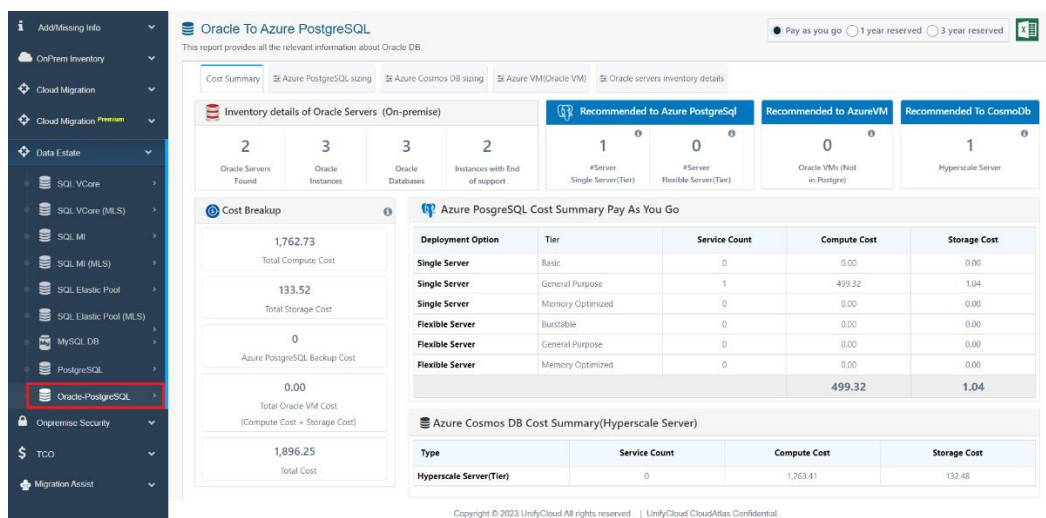


Figure 176: Cost Summary for Oracle to PostgreSQL

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 On-premises Security tab. You will be redirected to the report with cybersecurity details and other parameters as shown in [Figure 177: Cybersecurity Details](#)

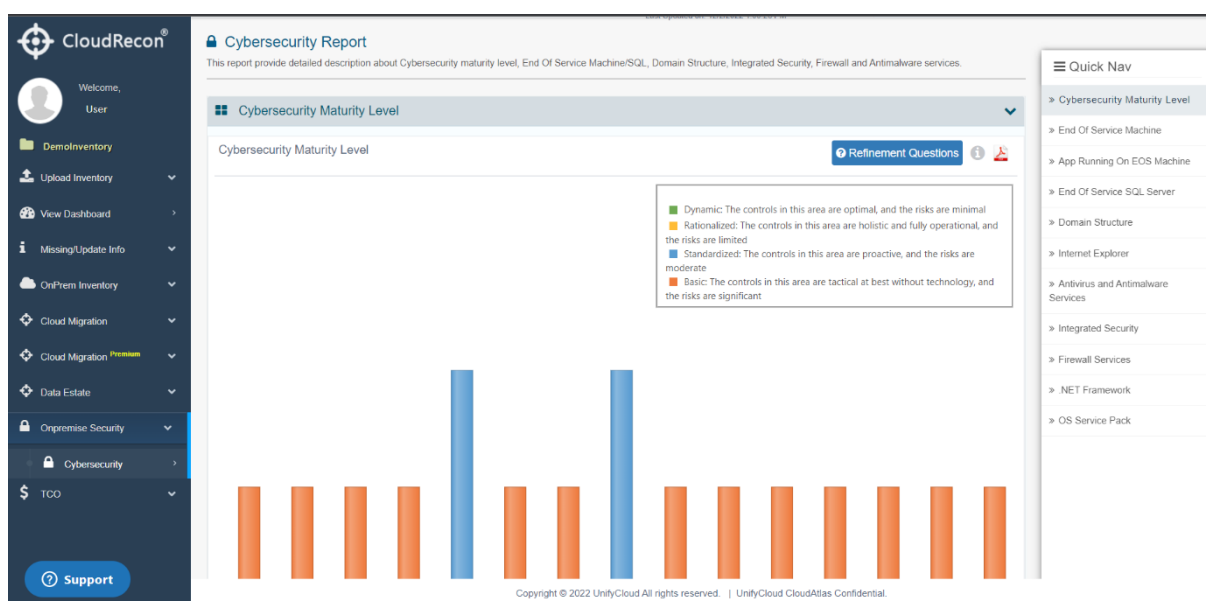


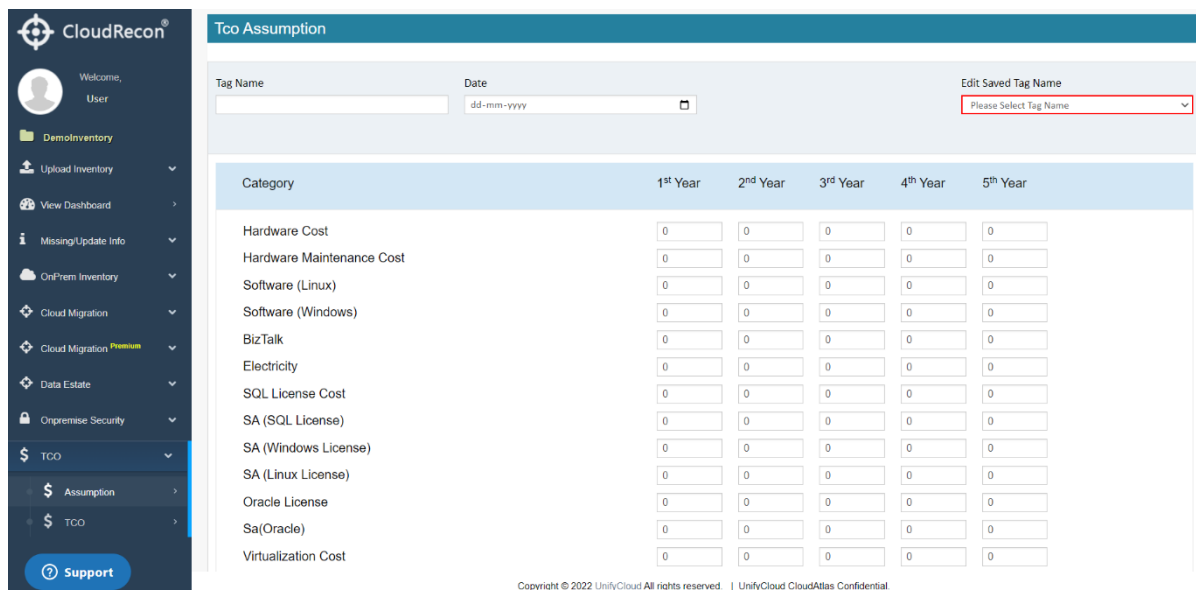
Figure 177: Cybersecurity Details

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.

1. In the left panel of CloudRecon dashboard, click **TCO Assumption** under TCO tab as shown in [Figure 178: TCO Assumption](#)



The screenshot shows the CloudRecon dashboard with the 'TCO Assumption' page selected. The sidebar on the left contains navigation links: Welcome, User, DemoInventory, Upload Inventory, View Dashboard, Missing/Update Info, OnPrem Inventory, Cloud Migration, Cloud Migration Premium, Data Estate, Onpremise Security, TCO, Assumption, TCO, and Support. The main content area has a header 'Tco Assumption' and a form with the following fields:

- Tag Name:
- Date:
- Edit Saved Tag Name:

Below the form is a table with the following columns: Category, 1st Year, 2nd Year, 3rd Year, 4th Year, 5th Year. The table contains the following rows:

Category	1st Year	2nd Year	3rd Year	4th Year	5th Year
Hardware Cost	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
Hardware Maintenance Cost	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
Software (Linux)	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
Software (Windows)	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
BizTalk	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
Electricity	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
SQL License Cost	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
SA (SQL License)	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
SA (Windows License)	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
SA (Linux License)	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
Oracle License	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
Sa(Oracle)	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
Virtualization Cost	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

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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 [Figure 179: Total Cost of Ownership \(TCO\)](#)

1. TCO for IaaS and IaaS+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 expenses 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

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

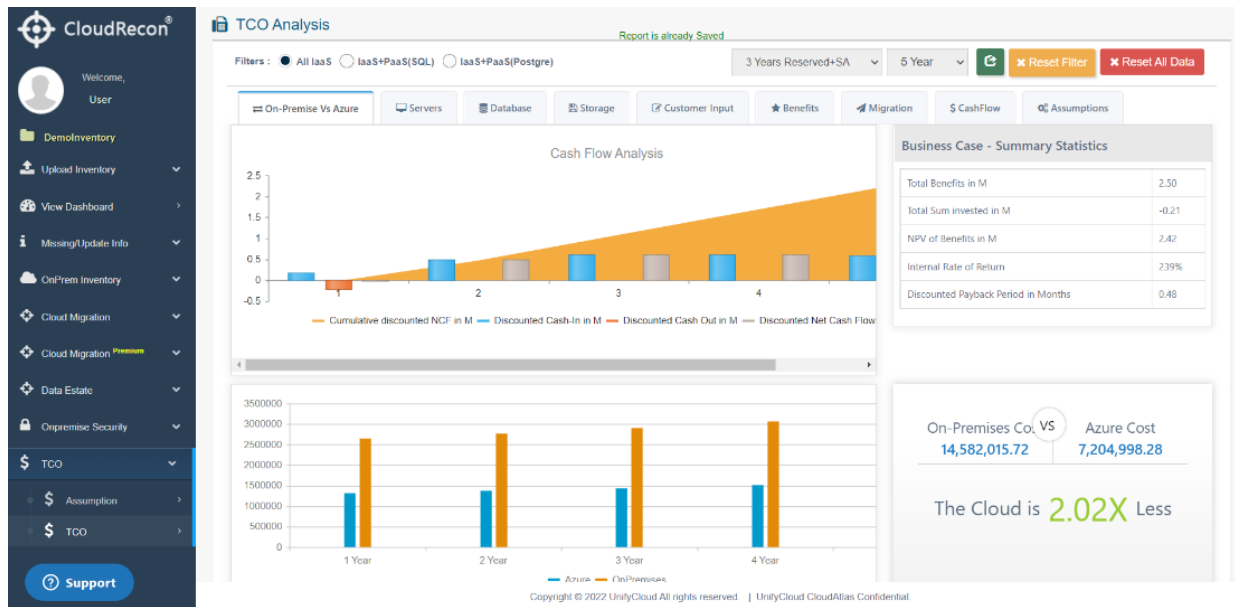


Figure 179: Total Cost of Ownership (TCO)

2. **Oracle to PostgreSQL as PaaS in TCO:** CloudRecon portal also provides options for 'IaaS+PaaS (PostgreSQL)' in TCO. As shown in [Figure 180: Oracle to PostgreSQL as PaaS in TCO](#)

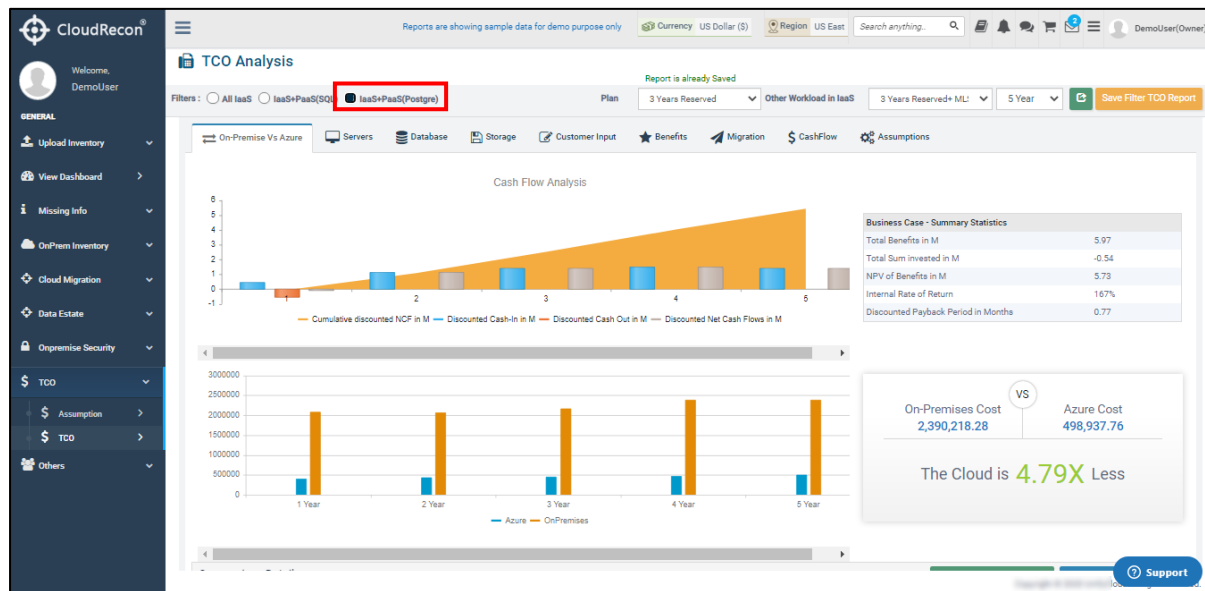


Figure 180: Oracle to PostgreSQL as PaaS in TCO

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.

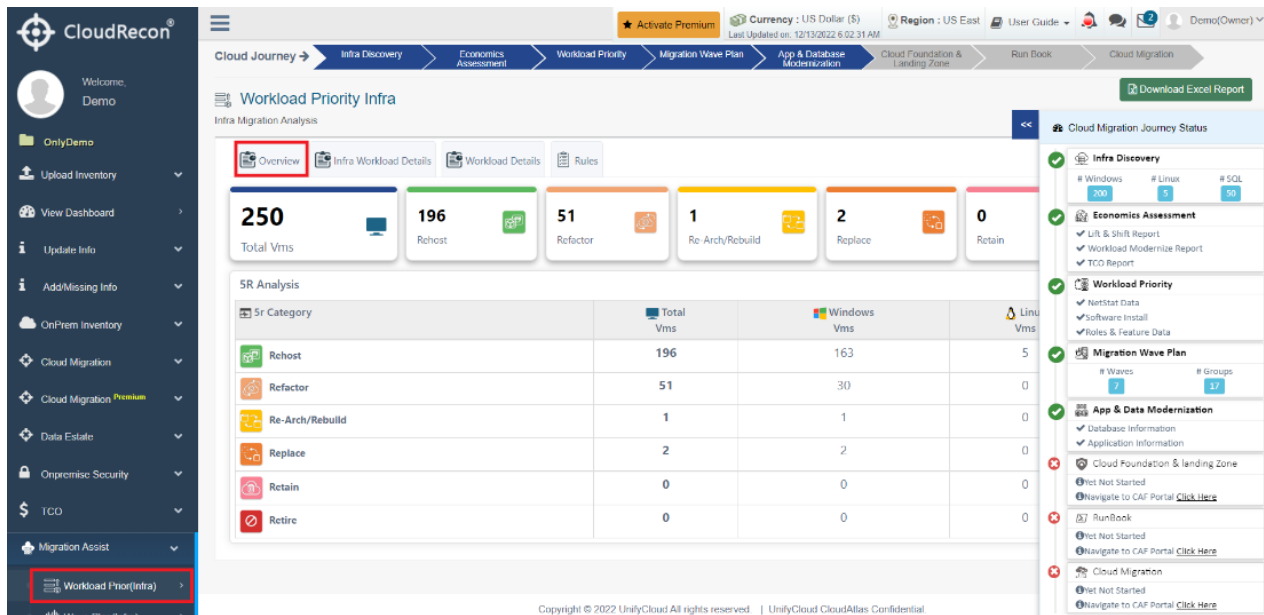


Figure 181: Workload Priority Infrastructure

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.

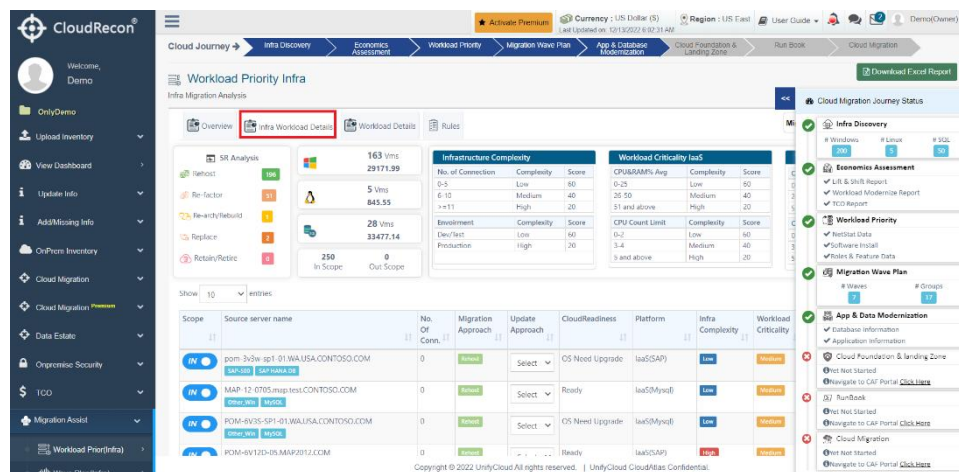


Figure 182: Infrastructure Workload Details

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.

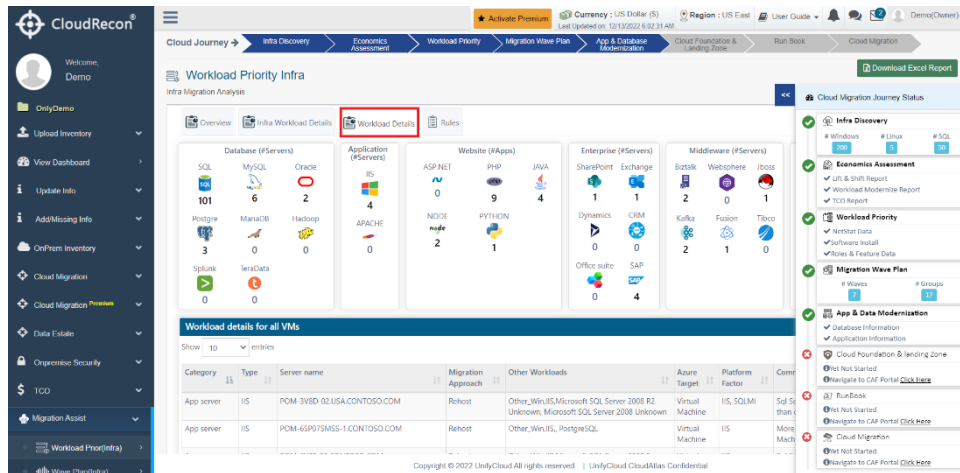


Figure 183: Workload Details

Rules Tab

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

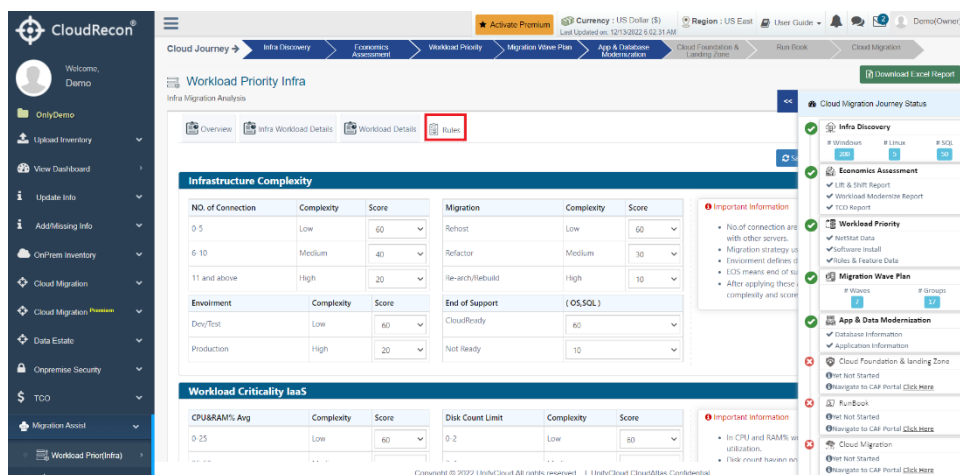


Figure 184: Workload Priority Infrastructure Rules

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.

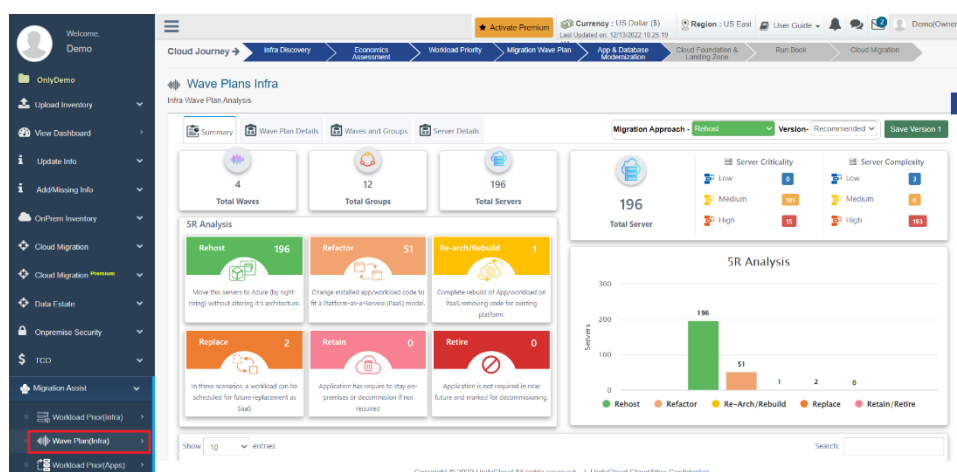


Figure 185: Wave Plan Infrastructure Summary

Wave Plan Details Tab

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

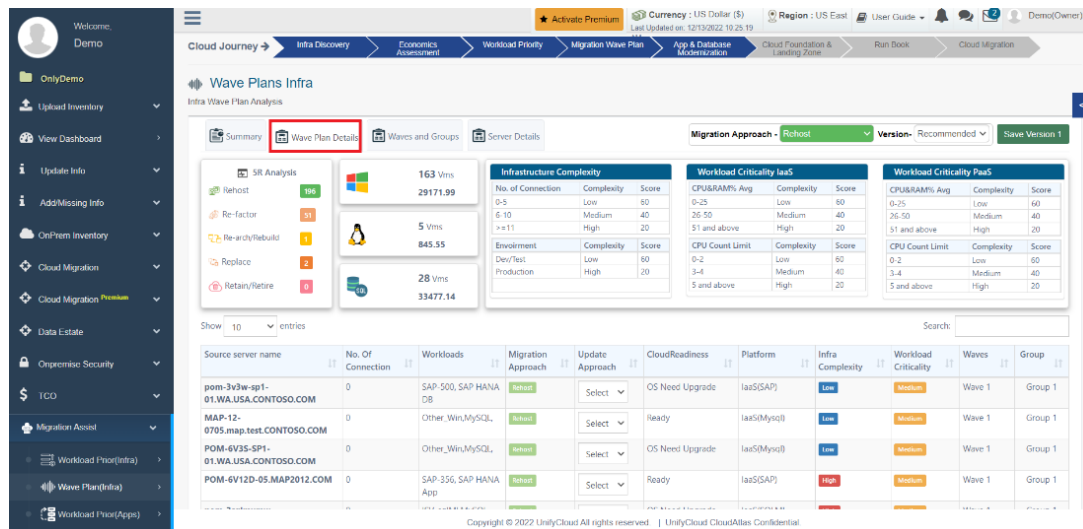


Figure 186: Wave Plan Details

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.

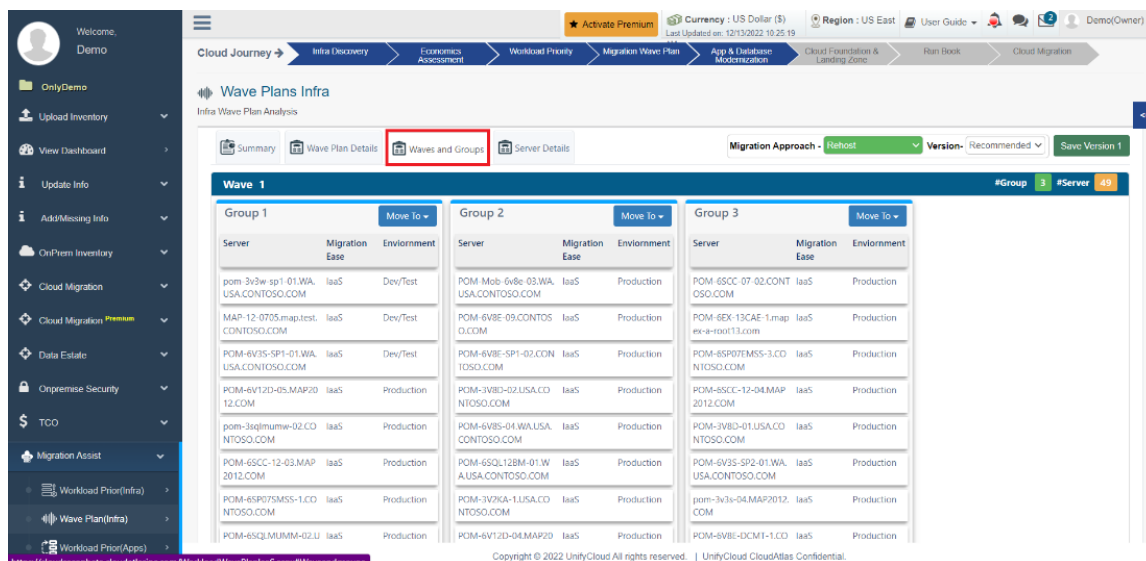


Figure 187: Waves and Groups

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.

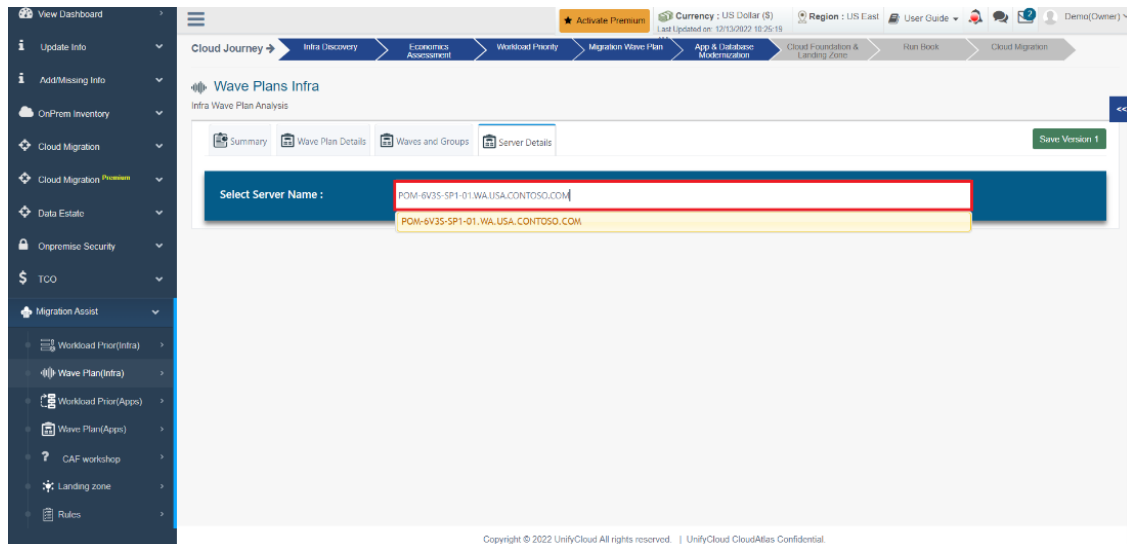


Figure 188: Server Details Search Box

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.

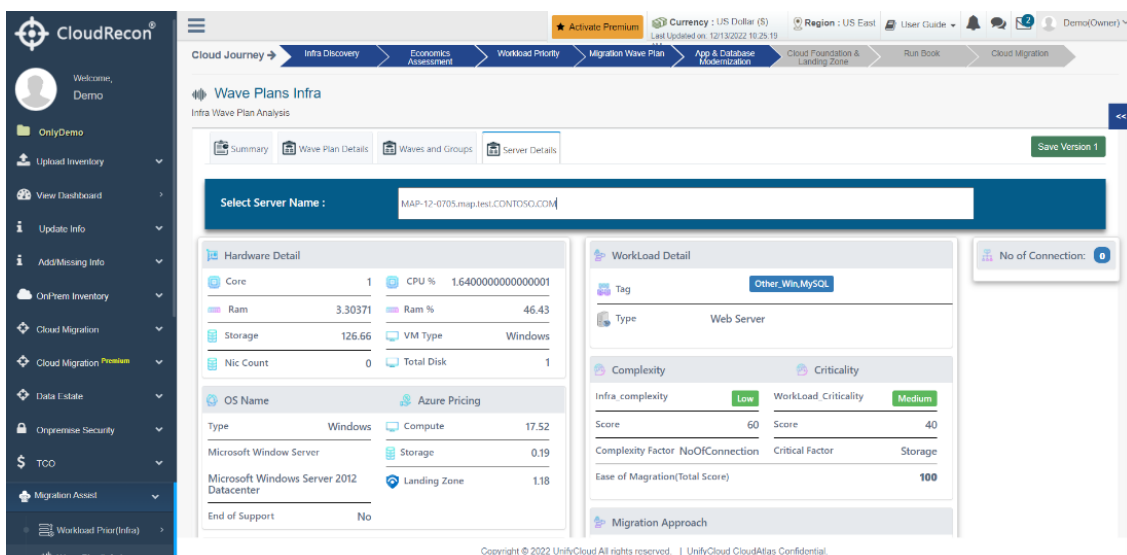


Figure 189: Server Details

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.

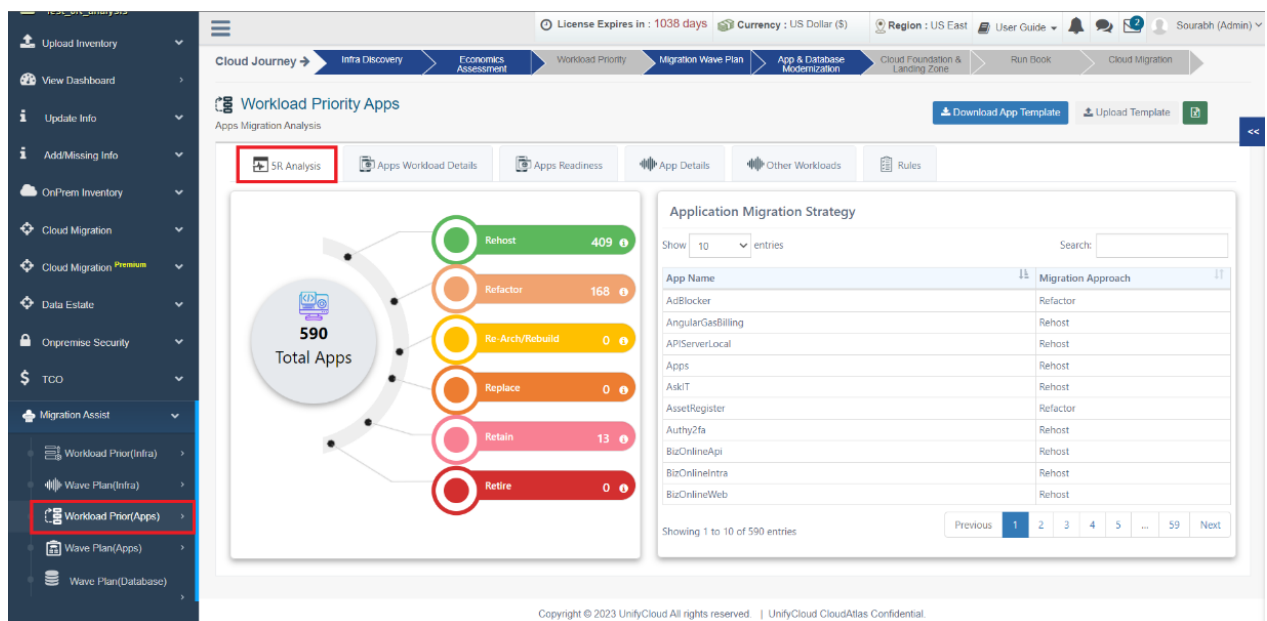


Figure 190: Workload Prior (Apps)

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.

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.

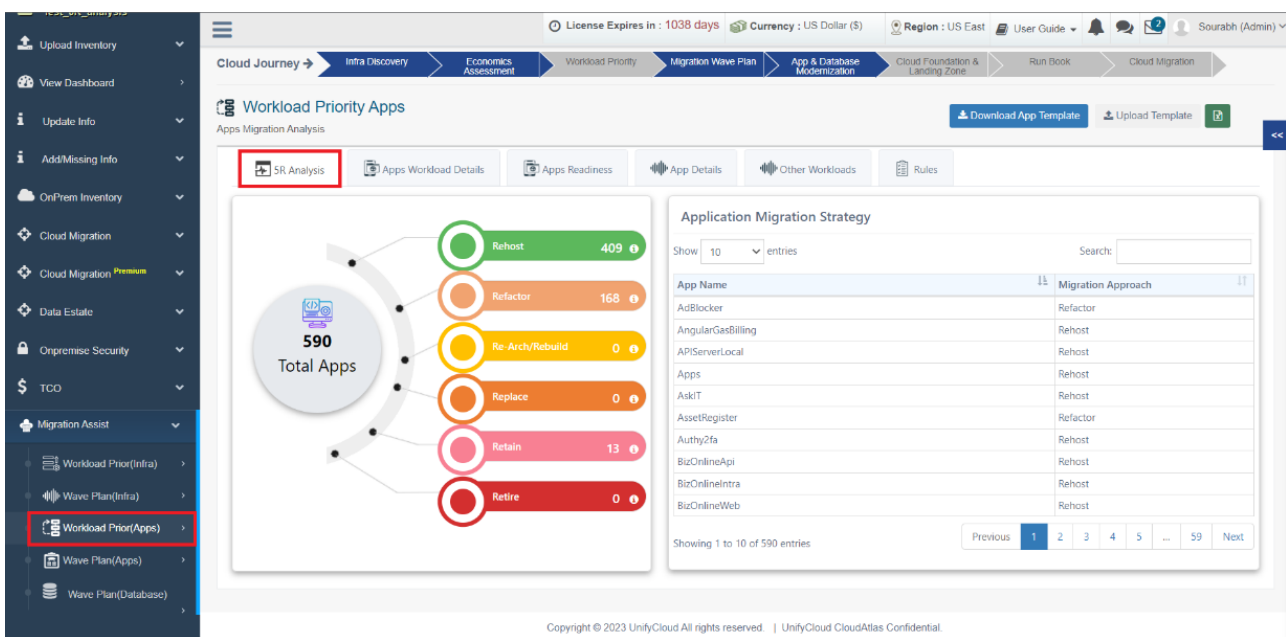


Figure 191: Workload Priority Application (5R Analysis Tab)

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.

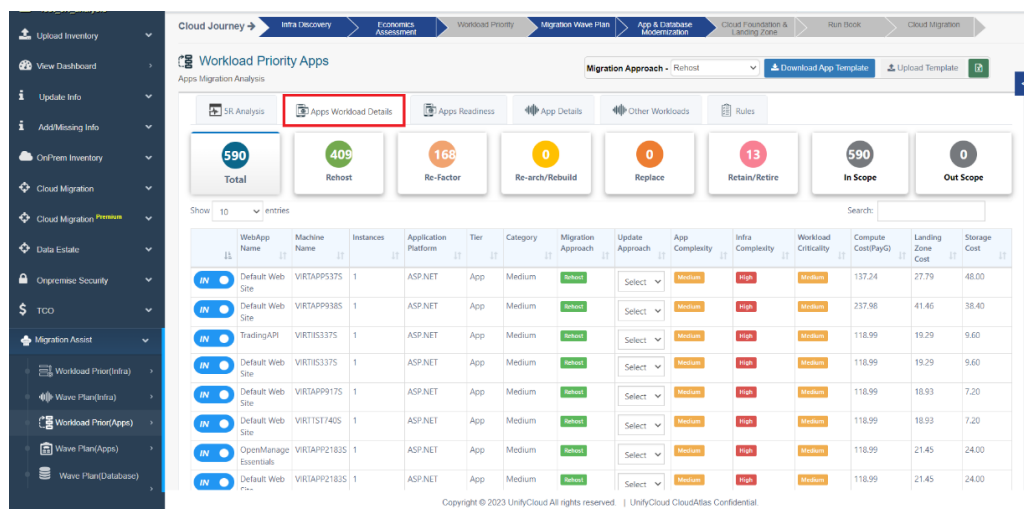


Figure 192: Application Workload Details

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.

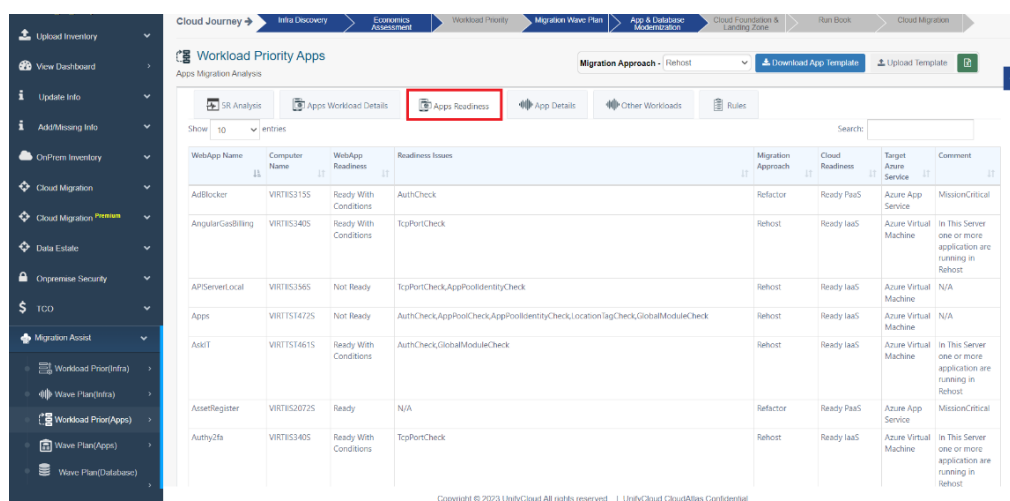


Figure 193: App Readiness Details

App Details

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

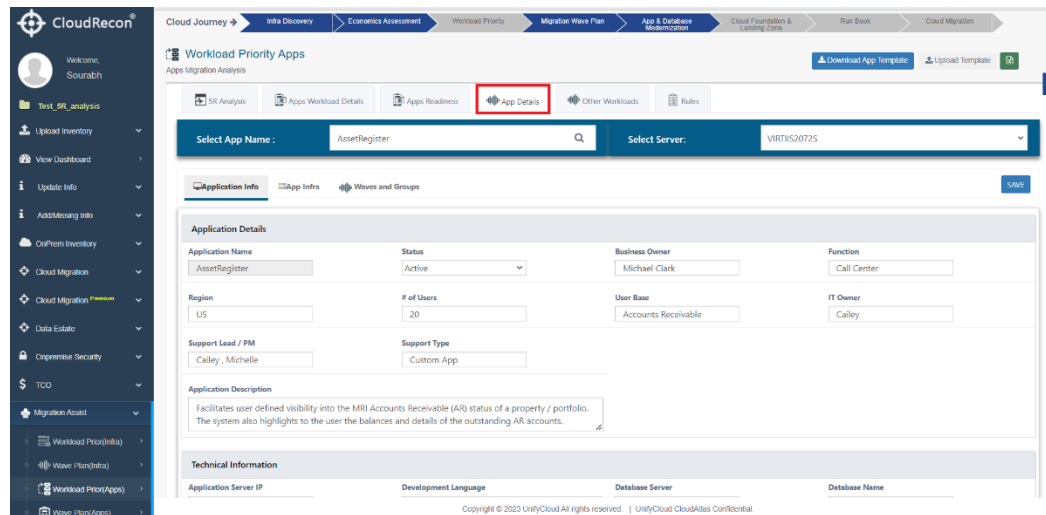


Figure 194: App Details

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.

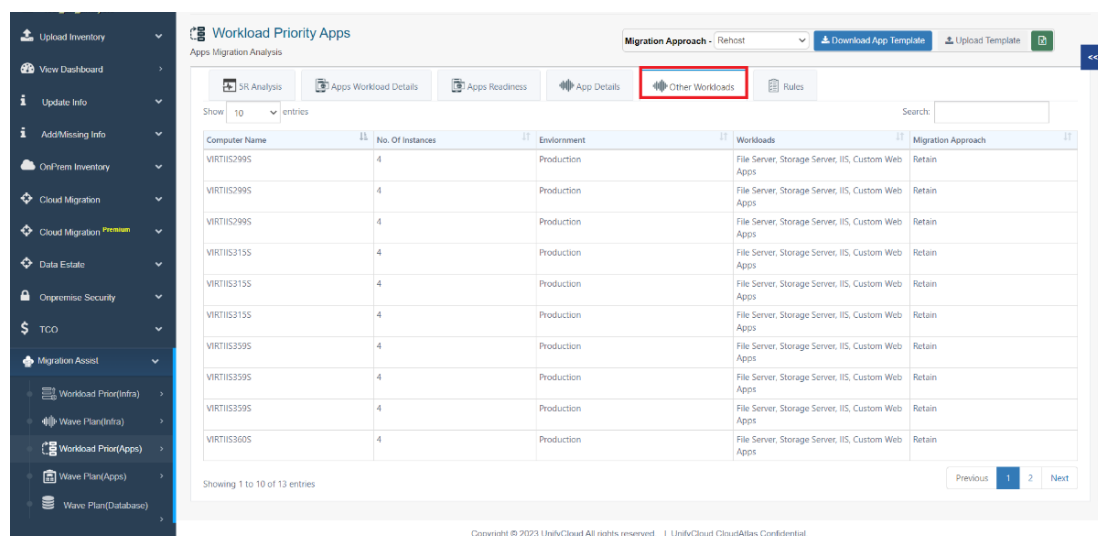
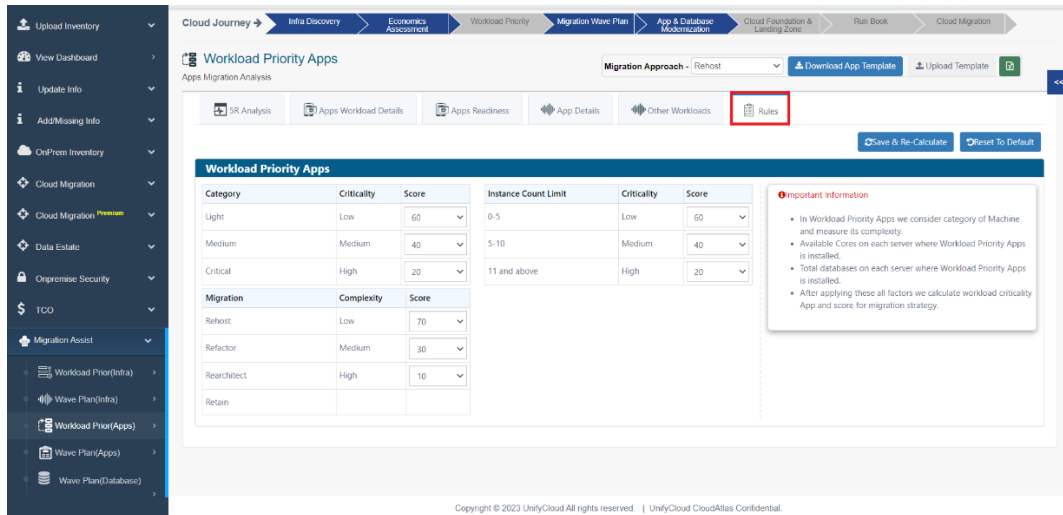


Figure 195: Other Workload Details

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.



Workload Priority Apps

Apps Migration Analysis

Migration Approach - Rehost

Download App Template Upload Template

SR Analysis Apps Workload Details Apps Readiness App Details Other Workloads **Rules**

Save & Re-Calculate Reset To Default

Category	Criticality	Score	Instance Count Limit	Criticality	Score
Light	Low	60	0-5	Low	60
Medium	Medium	40	5-10	Medium	40
Critical	High	20	11 and above	High	20

Migration	Complexity	Score
Rehost	Low	70
Refactor	Medium	30
Rearchitect	High	10
Retain		

Important Information

- In Workload Priority Apps we consider category of Machine and measure its complexity.
- Available Cores on each server where Workload Priority Apps is installed.
- Total databases on each server where Workload Priority Apps is installed.
- After applying these all factors we calculate workload criticality App and score for migration strategy.

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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.

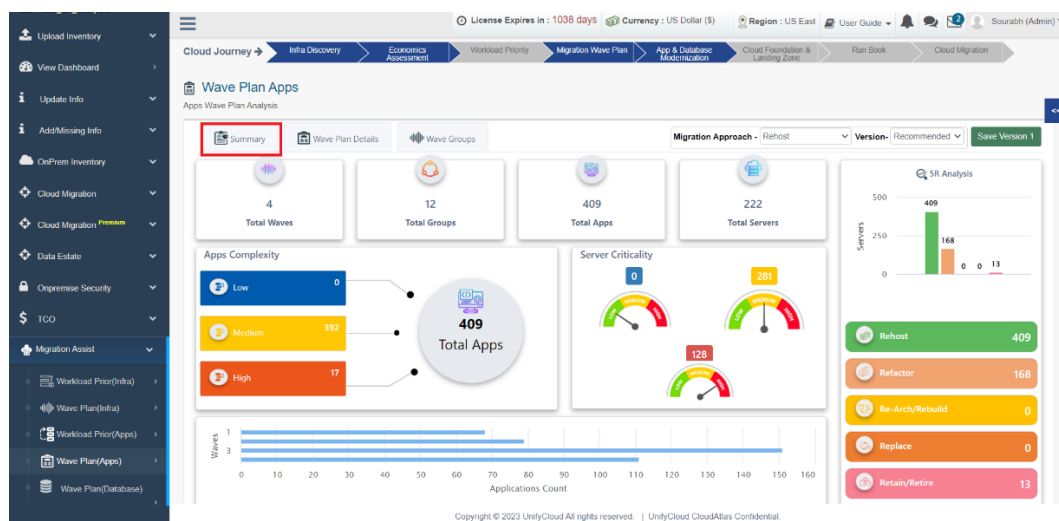
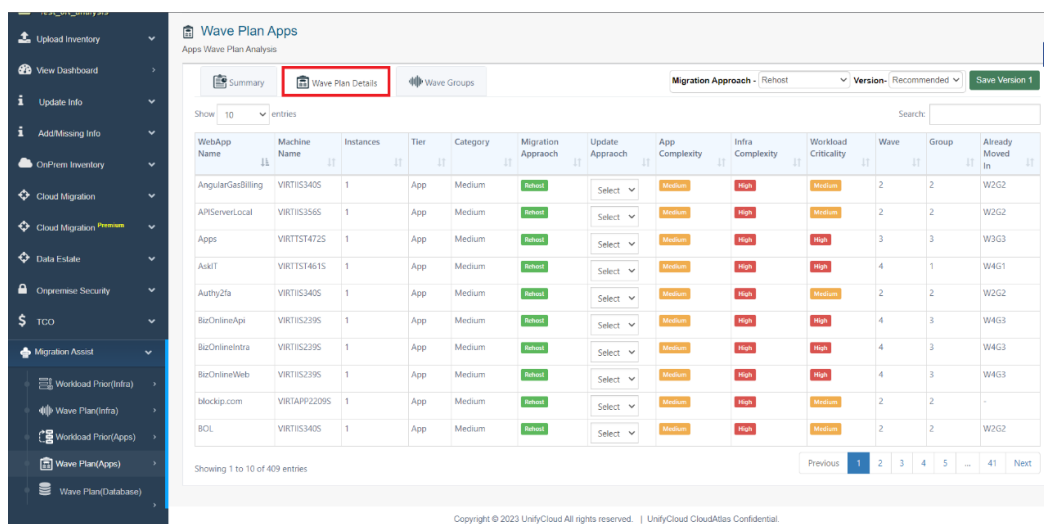


Figure 197: Wave Plan Application Summary

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.

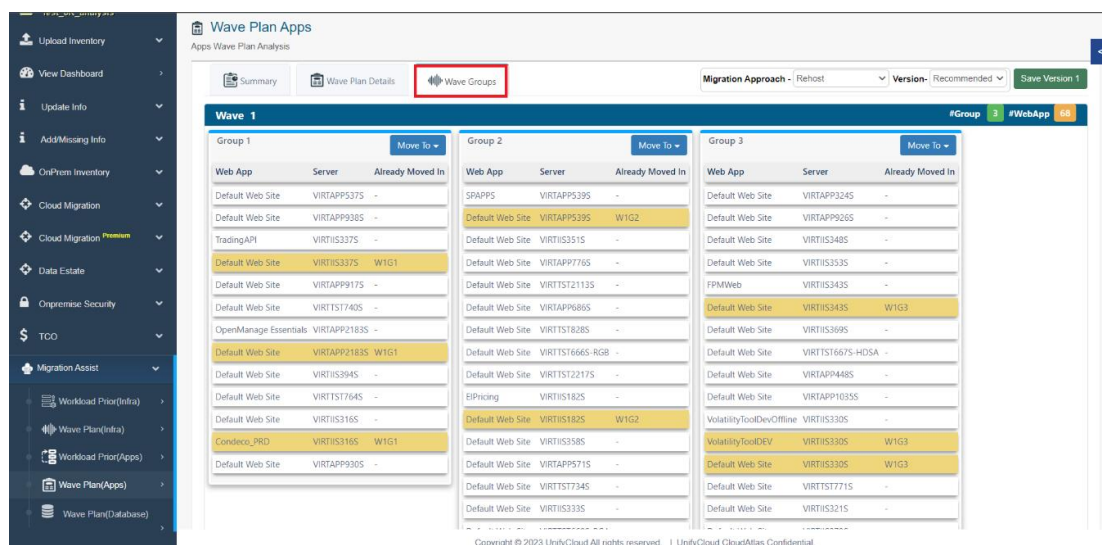


WebApp Name	Machine Name	Instances	Tier	Category	Migration Approach	Update Approach	App Complexity	Infra Complexity	Workload Criticality	Wave	Group	Already Moved In
AngularGasBilling	VIRTIS3405	1	App	Medium	Rehost	Select	Medium	High	Medium	2	2	W2G2
APIServerLocal	VIRTIS3365	1	App	Medium	Rehost	Select	Medium	High	Medium	2	2	W2G2
Apps	VIRTIS4725	1	App	Medium	Rehost	Select	Medium	High	High	3	3	W3G3
AukIT	VIRTIS4615	1	App	Medium	Rehost	Select	Medium	High	High	4	1	W4G1
Authy2fa	VIRTIS3405	1	App	Medium	Rehost	Select	Medium	High	Medium	2	2	W2G2
BizOnlineApi	VIRTIS2395	1	App	Medium	Rehost	Select	Medium	High	High	4	3	W4G3
BizOnlineIntra	VIRTIS2395	1	App	Medium	Rehost	Select	Medium	High	High	4	3	W4G3
BizOnlineWeb	VIRTIS2395	1	App	Medium	Rehost	Select	Medium	High	High	4	3	W4G3
blockip.com	VIRTAPP22095	1	App	Medium	Rehost	Select	Medium	High	Medium	2	2	-
BOL	VIRTIS3405	1	App	Medium	Rehost	Select	Medium	High	Medium	2	2	W2G2

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.



Group 1	Group 2	Group 3
Default Web Site - VIRTAPP5375 -	SPAPPS - VIRTAPP5395 -	Default Web Site - VIRTAPP3245 -
Default Web Site - VIRTAPP9385 -	Default Web Site - VIRTAPP5395 - W1G2	Default Web Site - VIRTAPP9265 -
TradingAPI - VIRTIS3375 -	Default Web Site - VIRTIS3515 -	Default Web Site - VIRTIS3485 -
Default Web Site - VIRTIS3375 - W1G1	Default Web Site - VIRTAPP7765 -	Default Web Site - VIRTIS3535 -
Default Web Site - VIRTAPP9175 -	Default Web Site - VIRTIS21135 -	PFMWeb - VIRTIS3435 -
Default Web Site - VIRTIS7405 -	Default Web Site - VIRTAPP6885 -	Default Web Site - VIRTIS3435 - W1G3
OpenManage Essentials - VIRTAPP21835 -	Default Web Site - VIRTIS8285 -	Default Web Site - VIRTIS3695 -
Default Web Site - VIRTAPP21835 - W1G1	Default Web Site - VIRTIS6665-RGB -	Default Web Site - VIRTIS6675-HDSA -
Default Web Site - VIRTIS3945 -	Default Web Site - VIRTIS22175 -	Default Web Site - VIRTAPP4485 -
Default Web Site - VIRTIS7645 -	EPricing - VIRTIS1825 -	Default Web Site - VIRTAPP10355 -
Default Web Site - VIRTIS3165 -	Default Web Site - VIRTIS1825 - W1G2	VolatilityToolDevOffline - VIRTIS3305 -
Condoco_PROD - VIRTIS3165 - W1G1	Default Web Site - VIRTIS3385 -	VolatilityToolDEV - VIRTIS3305 - W1G3
Default Web Site - VIRTAPP9305 -	Default Web Site - VIRTAPP5715 -	Default Web Site - VIRTIS3305 - W1G3
	Default Web Site - VIRTIS7345 -	Default Web Site - VIRTIS7715 -
	Default Web Site - VIRTIS3335 -	Default Web Site - VIRTIS3215 -

Figure 199: Waves and Groups

8. Feedback

For any feedback, click Contact support at the top right side of feedback page as shown in [Figure 200: View Dashboard – Feedback](#)



Figure 200: View Dashboard – Feedback

Feedback page appears as shown in [Figure 201: Feedback](#)

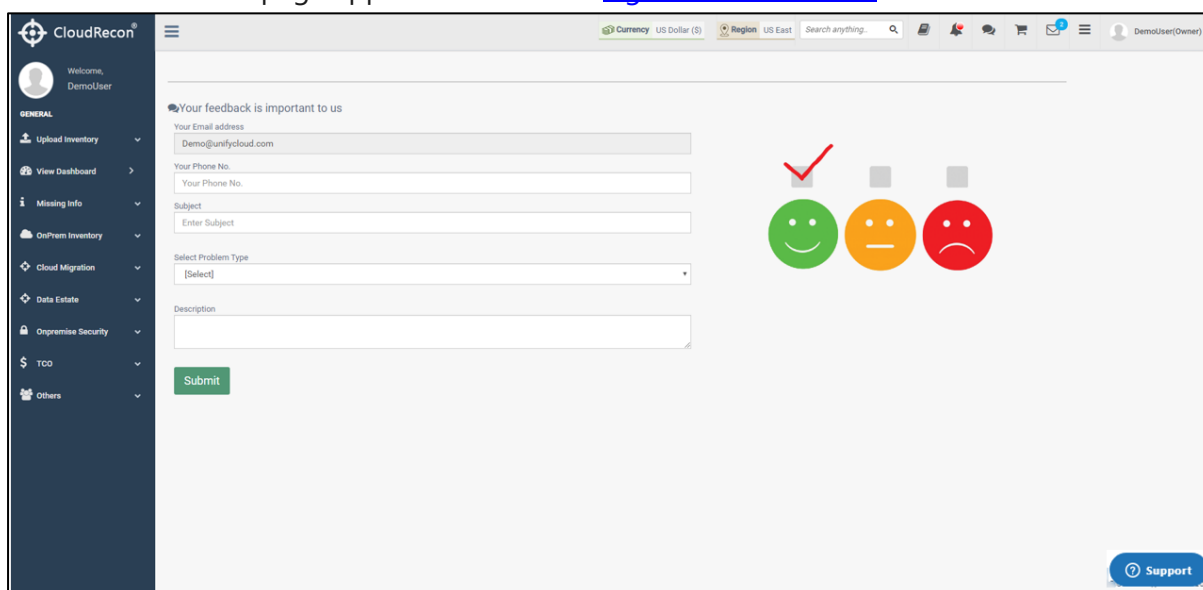
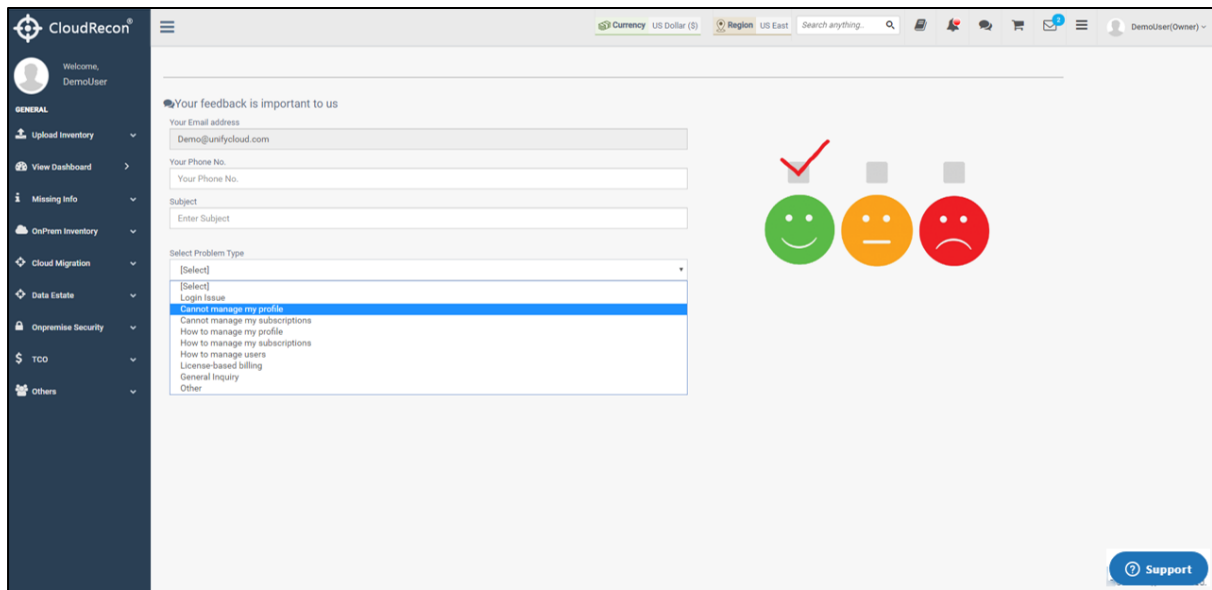


Figure 201: Feedback

1. Enter all the details as shown in [Figure 192: Feedback – Problem Type](#)



The screenshot shows the CloudRecon user interface. On the left is a dark sidebar with the CloudRecon logo and a list of menu items: GENERAL, Upload Inventory, View Dashboard, Missing Info, OnPrem Inventory, Cloud Migration, Data Estate, Onpremise Security, TCO, and Others. The main content area has a header with 'Welcome, DemoUser' and a navigation bar with 'Currency: US Dollar (\$)', 'Region: US East', and a search bar. Below the header, a message says 'Your feedback is important to us'. The form contains several input fields: 'Your Email address' (filled with 'Demo@unifycloud.com'), 'Your Phone No.', 'Your Phone No.', and 'Subject' (with a placeholder 'Enter Subject'). A dropdown menu for 'Select Problem Type' is open, showing options: '[Select]', '[Select]', 'Login Issue', 'Cannot manage my profile' (highlighted in blue), 'Cannot manage my subscriptions', 'How to manage my profile', 'How to manage my subscriptions', 'How to manage users', 'License-based billing', 'General Inquiry', and 'Other'. To the right of the form are three circular icons: a green smiley face with a red checkmark above it, an orange neutral face, and a red sad face. At the bottom right is a blue 'Support' button.

Figure 192: Feedback – Problem Type

2. Click **Submit**.