

Cloudintel

Click2Cloud Inc.

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User Guide Document Version – V2.1

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1. Introduction

This guide helps you to understand various features in the product and how to use features available on the site. The process is defined under the section “Steps” and details of the process are explained about the UI screens to be accessed.

Cloud Intel is a platform that helps you discover your IT inventory, assess that inventory, and collect the intel for different categories manually and automatically to decide on moving your workload to the cloud. Based on discovered inventory the site finally provides a TCO report which helps understand the Source and Destination costs.

2. Steps

Proper guidance towards Cloud Intel product:

- Enter your User Credential and Log in to the application.
- Click on the **Go to Assessments** Button.
- Click on the **ADD NEW ASSESSMENT** button.
 - Enter assessment name.
 - Select source and destination.
 - Click on the toggle button to select between Quick assessment and Advanced assessment.
 - Select the assessment type.
- **Create Assessment process:**
 - Organization details- Enter the required organization details.
 - Select Tool for discovery.
 - Upload Inventory of your source data center.
 - View Dashboard for checking source data center VMs And Database Details.
 - Select specific Resources from the list of inventory details.
 - VM – select desired VMs.
 - Databases – select desired databases.
 - Cost Calculator
 - VM – Use a cost calculator for VM cost on the cloud.
 - Databases Use cost a calculator for DB cost on the cloud.

- Pricing Strategy- Select the Pricing strategy, Licensing option, Cloud cost strategy.
- Benchmark -- View or update default values for calculation parameters.
- Benefit Comparison -- On-Premise Cost, Cloud Cost, Compare TCO.
- Cost Framework -- View TCO Report for source (On-Prem or Cloud) and destination (Cloud) Costs.
- Check the sustainability Calculator of the Current Assessment.
- View Business Case Summary.
- EBIT Improvement –
- Download the Report of the complete Overview of the Assessment.

3. User Privileges

The nominee has the following privileges:

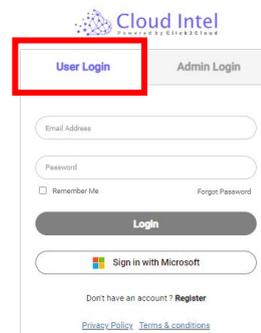
- The nominee can create and manage assessments.

4. Detailed Website Flow

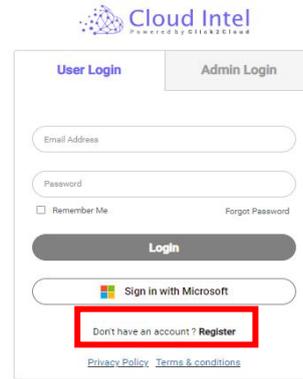
The details regarding the above step about the User Interface screen is given are in further sections.

4.1 User Login

The first step is to log in with your credentials.



If you are connecting for the first time, click on the **Register link**.



User Login Admin Login

Email Address

Password

Remember Me [Forgot Password](#)

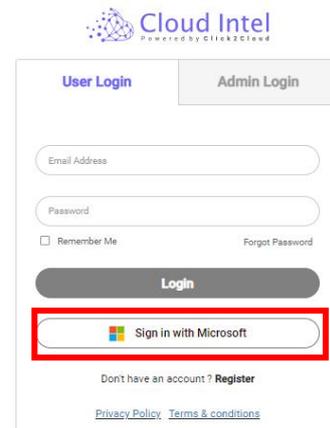
Login

 Sign in with Microsoft

Don't have an account? **Register**

[Privacy Policy](#) [Terms & conditions](#)

The Registration screen opens where you have to enter your details and click on the 'Register and Continue' button.



User Login Admin Login

Email Address

Password

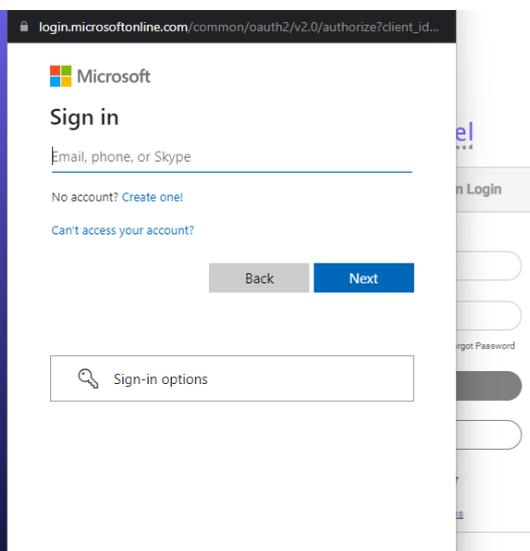
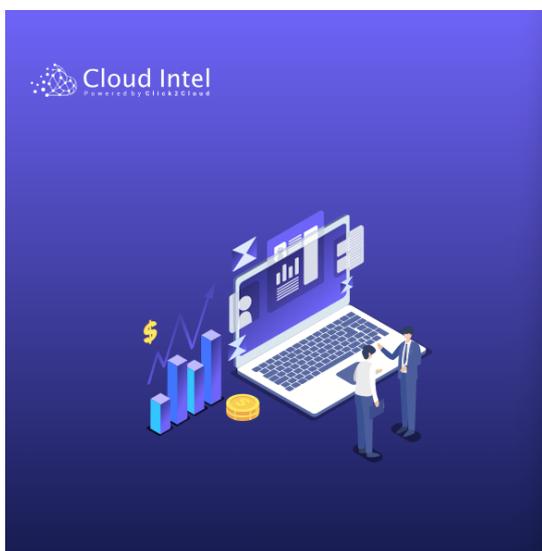
Remember Me [Forgot Password](#)

Login

 Sign in with Microsoft

Don't have an account? **Register**

[Privacy Policy](#) [Terms & conditions](#)



login.microsoftonline.com/common/oauth2/v2.0/authorize?client_id...

 Microsoft

Sign in

Email, phone, or Skype

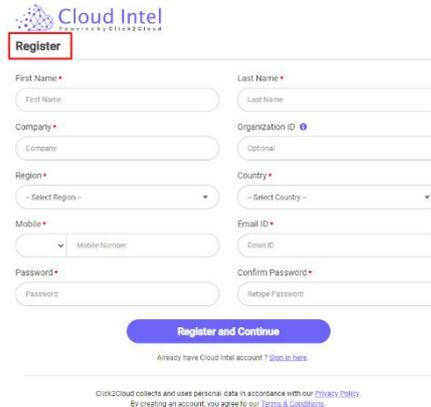
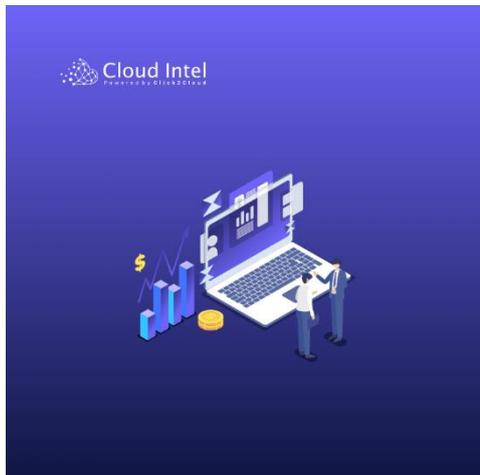
No account? [Create one!](#)

Can't access your account?

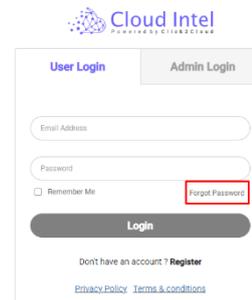
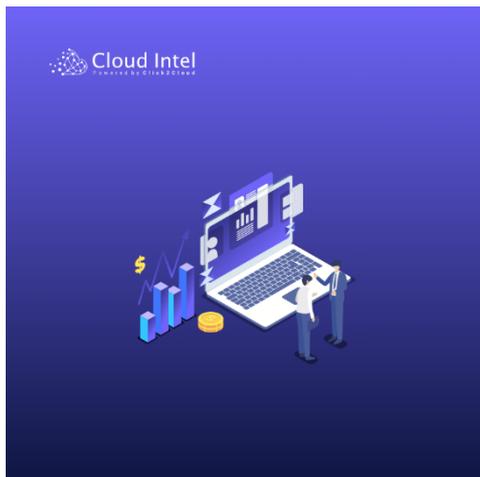
Back **Next**

 Sign-in options

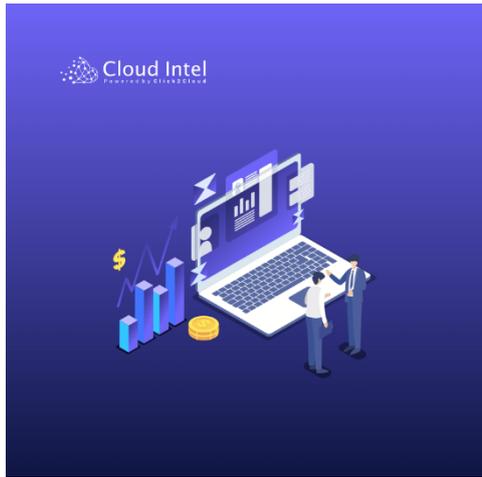
If you are having Microsoft email id, click on **“Sign in with Microsoft.”**

A screenshot of the registration form on the Cloud Intel website. The form is titled "Register" and includes fields for First Name, Last Name, Company, Organization ID, Region, Country, Mobile Number, Email ID, Password, and Confirm Password. A "Register and Continue" button is at the bottom. Below the button, there is a link for users who already have an account and a privacy policy notice.

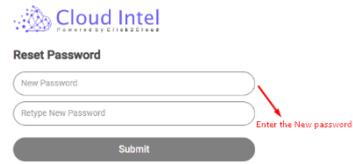
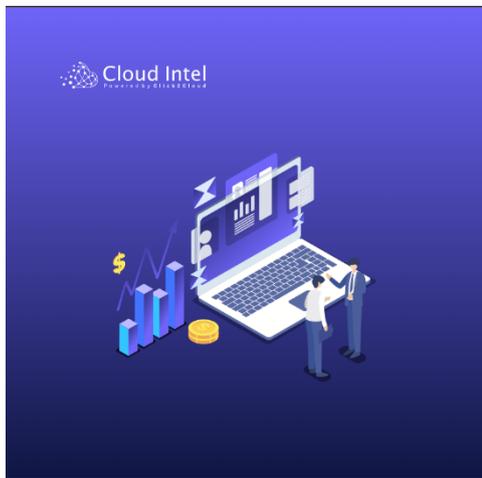
If you don't remember the password, click on the **‘forget password’** link.

A screenshot of the user login form on the Cloud Intel website. The form has tabs for "User Login" and "Admin Login". It includes fields for Email Address and Password, a "Remember Me" checkbox, and a "Forgot Password" link. A "Login" button is at the bottom. Below the button, there is a link for users who don't have an account and links for Privacy Policy and Terms & conditions.

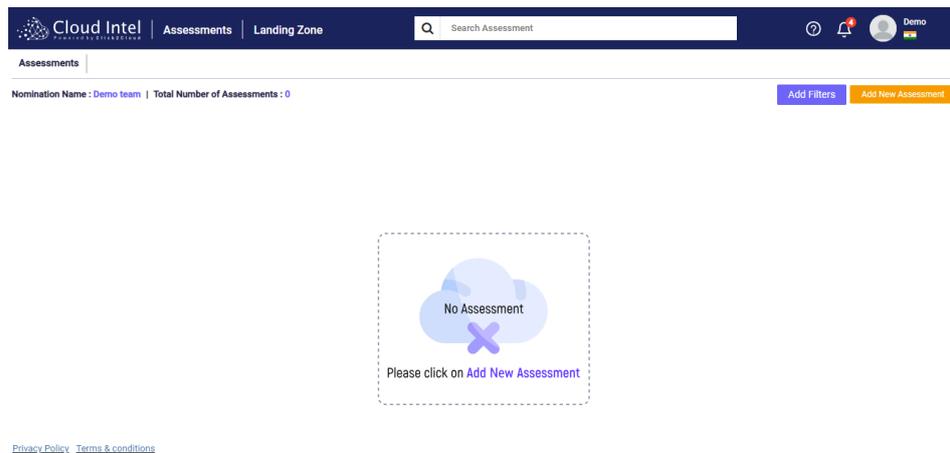
Once the screen of forget link opens, you must enter your **Email id** and click on the **‘Submit’** button.

A login form for Cloud Intel. It includes the Cloud Intel logo at the top. Below the logo is an input field labeled "Email Id" and a "Submit" button. A red box highlights the "Submit" button. Below the form, there is a link that says "Login with your credentials."

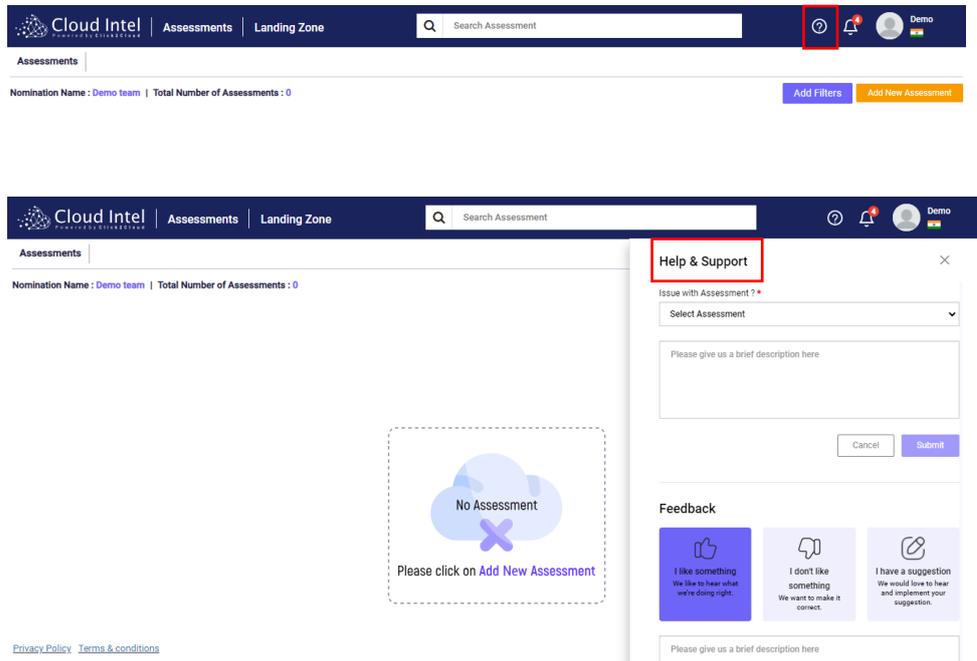
The Reset password link will be shared on the email Id. Then click on the link and navigate to the Reset password page. Enter the new password and click on the 'Submit' button.

A "Reset Password" form for Cloud Intel. It includes the Cloud Intel logo at the top. Below the logo is the text "Reset Password". There are two input fields: "New Password" and "Retype New Password". A red arrow points to the "Retype New Password" field with the text "Enter the New password". Below the fields is a "Submit" button.

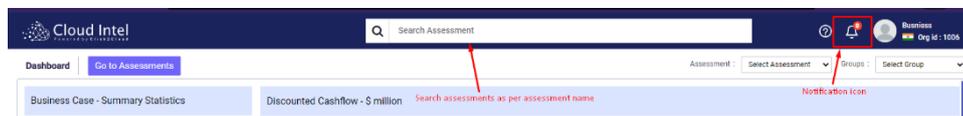
5. Home Screen

A screenshot of the Cloud Intel home screen. The top navigation bar includes the Cloud Intel logo, "Assessments", "Landing Zone", and a search bar. Below the navigation bar, there is a section for "Assessments" with a sub-header "Nomination Name: Demo team | Total Number of Assessments: 0". There are two buttons: "Add Filters" and "Add New Assessment". A central message box with a dashed border contains a cloud icon with a red 'X' and the text "No Assessment". Below this message is the text "Please click on Add New Assessment". At the bottom left, there are links for "Privacy Policy" and "Terms & conditions".

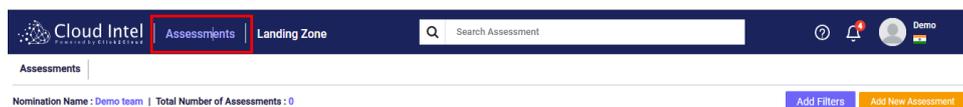
The **help** button provides help for the assessments. Also, users can share feedback.



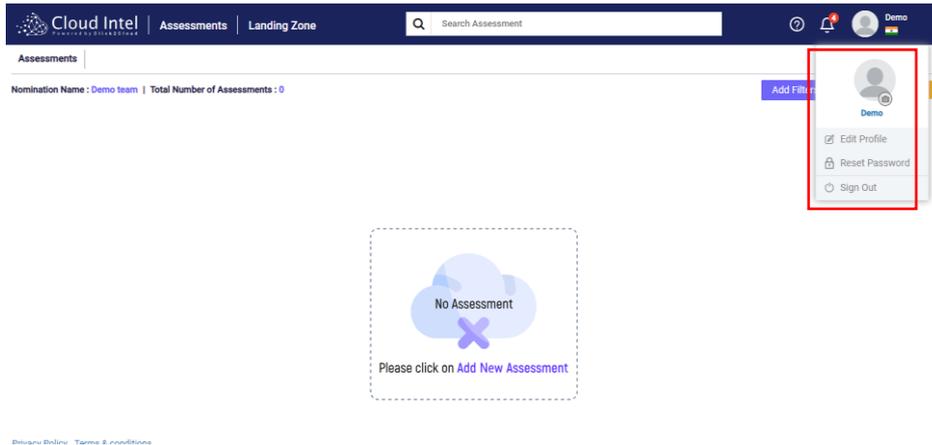
This page will also showcase the **Search bar** and **Notification Bell icon** on the top right side. Search assessments by their name and notification are shown in the check notification tab.



On the top right side, you can see the **'Assessment'** button. Click on the **'Assessment'** button to go to the Assessments page.

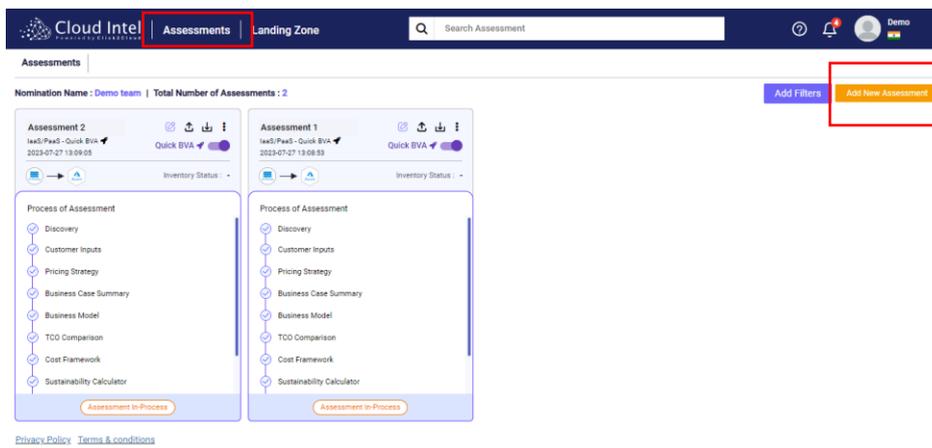


On the top right side, you can observe the **'Profile Icon'** Symbol. Click on this icon and upload your profile image. Also, users can update profile details by clicking on the **'Edit profile'** button, reset password by clicking on **'Reset Password'** button and sign out of the current account by clicking on the **'Sign out'** button.



6. Assessments Page

On this page, you can view the list of assessments as well as you can create a new assessment.

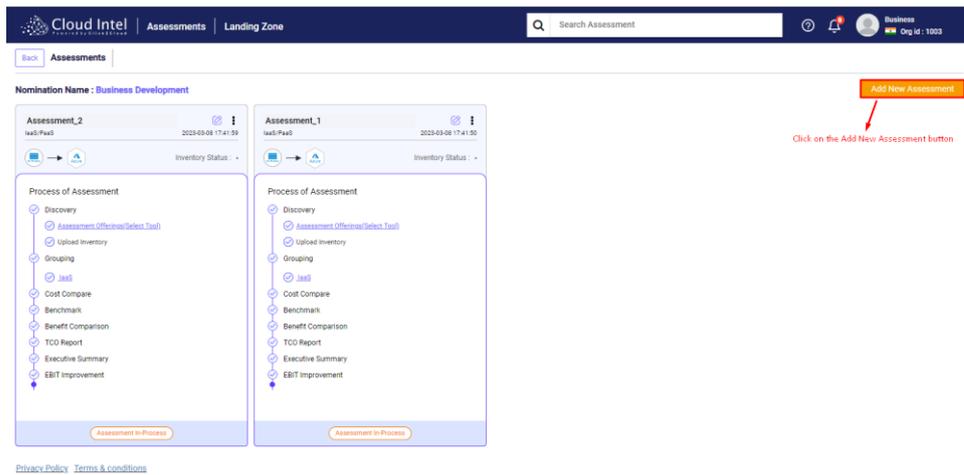


7. Add New Assessments

The next step is to **create an assessment**. The assessment provides the actual process from Inventory discovery to Reports.

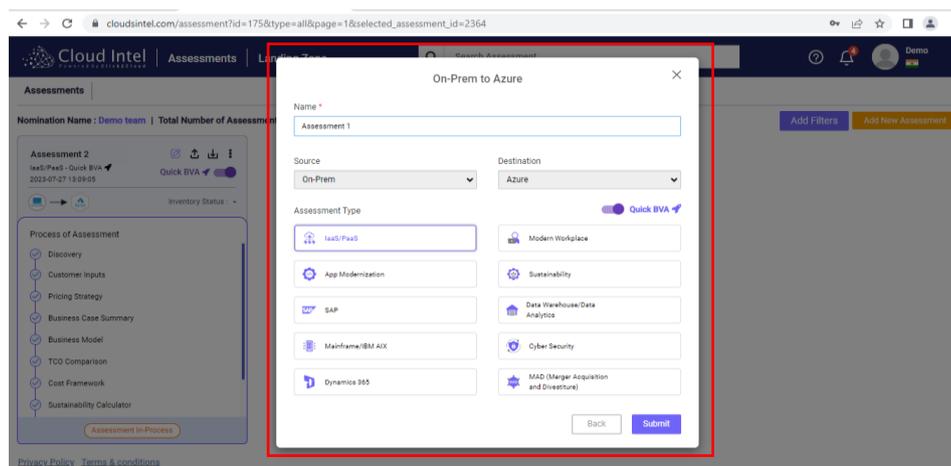
For creating an assessment, click on the **'Go to Assessment'** button.

Then flow goes to the page where you can **"Add New Assessment"** or view existing Assessment.



After clicking on the 'Add New Assessment' button, a popup appears and the user can enter the **assessment name**, select and **Assessment Type**.

Click on the '**Add New Assessment**' button which is at the top right-hand side corner of the Assessment page.



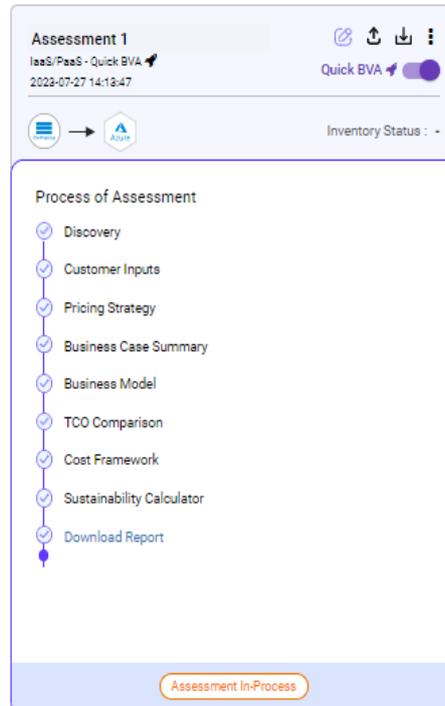
As shown above, Enter the assessment "**Name**", "**Source & destination**" and select the **Assessment Type (IaaS/PaaS, App Modernization, Sustainability)**. Use the toggle button to select between **Quick and Advanced Assessment**.

Here we are adding a new assessment by the name 'Assessment_1'.

Click on **Submit** button to add Assessment.

A pop will generate, click on the **OK** button and it will create a new Assessment card.

Quick Assessment Card:



Assessment 1
IaaS/PaaS - Quick BVA
2023-07-27 14:13:47

Quick BVA

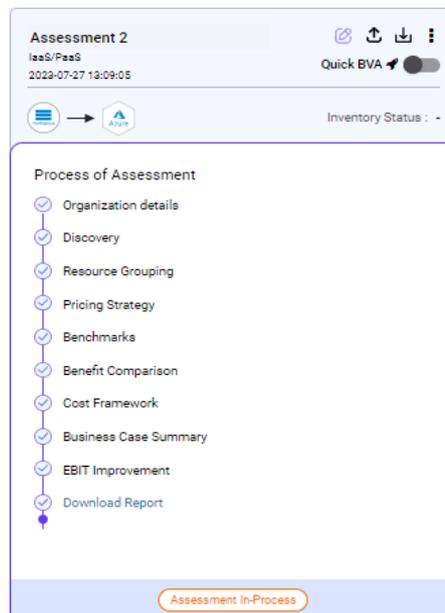
Inventory Status : -

Process of Assessment

- Discovery
- Customer Inputs
- Pricing Strategy
- Business Case Summary
- Business Model
- TCO Comparison
- Cost Framework
- Sustainability Calculator
- Download Report

Assessment In-Process

Advanced Assessment Card:



Assessment 2
IaaS/PaaS
2023-07-27 13:09:05

Quick BVA

Inventory Status : -

Process of Assessment

- Organization details
- Discovery
- Resource Grouping
- Pricing Strategy
- Benchmarks
- Benefit Comparison
- Cost Framework
- Business Case Summary
- EBIT Improvement
- Download Report

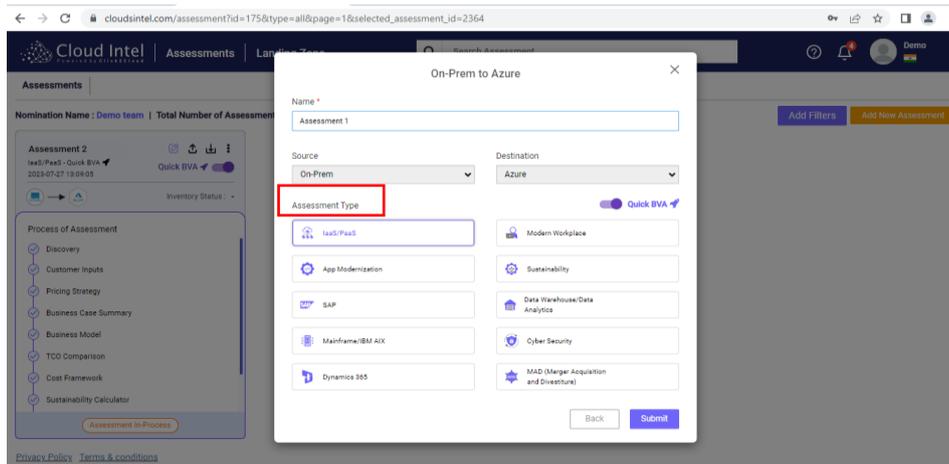
Assessment In-Process

7.1 Assessment Type

Cloudintel support multiple assessment types:

- IaaS/PaaS

- **App Modernization**
- **Sustainability**

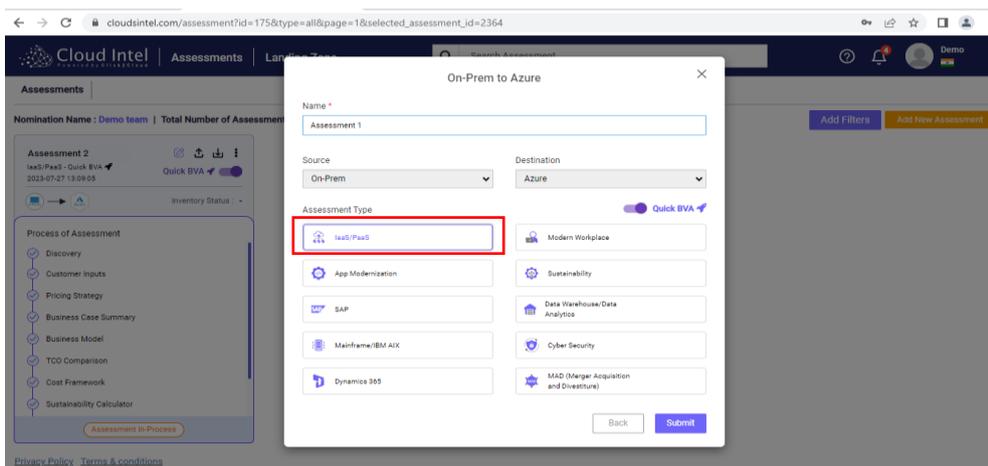


7.1.1 IaaS/PaaS

To create an IaaS/PaaS assessment click on the **Add new Assessment** button.

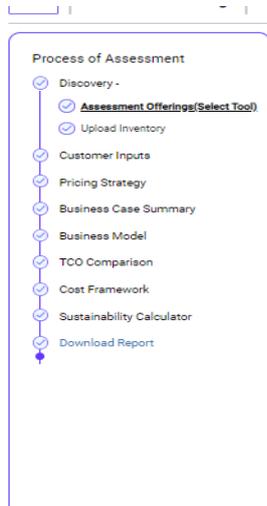
After clicking on the **Add new assessment** button, a popup appears.

Enter the **Name** of the Assessment, Select **Assessment type** IaaS/PaaS, and click on the **Submit** button.

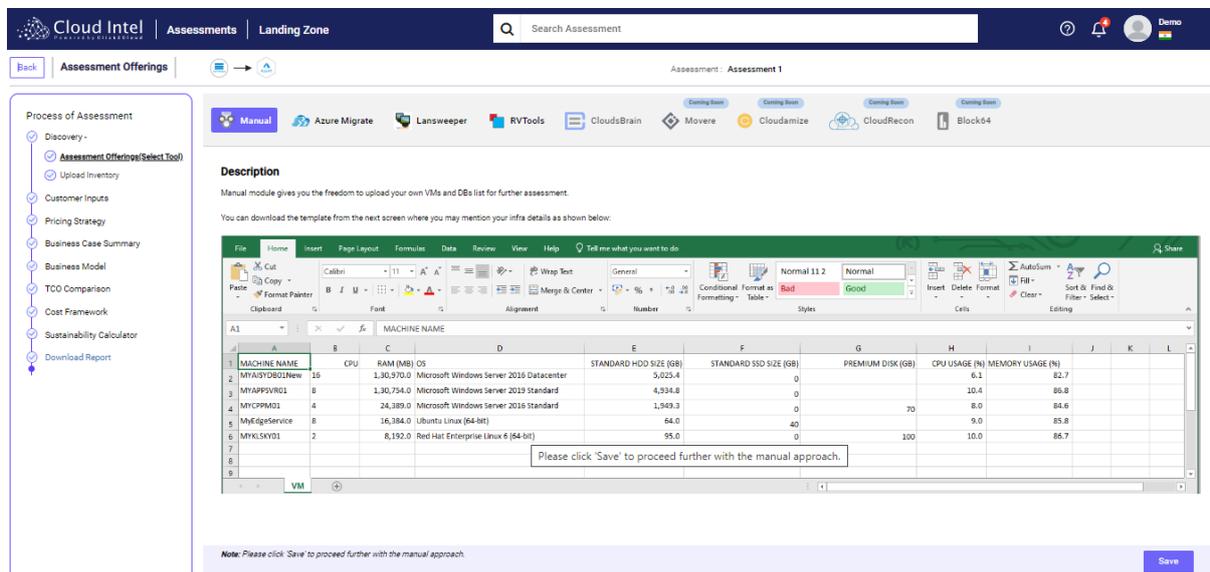


Click on the **'OK'** button on the Success pop-up.

IaaS/PaaS Quick assessment is created. Click on the **Assessment offerings (Select Tool)**.



IaaS/PaaS assessment supports multiple tools like **Azure Migrate, CloudsBrain, Lansweeper, RVTools, and Manual**.

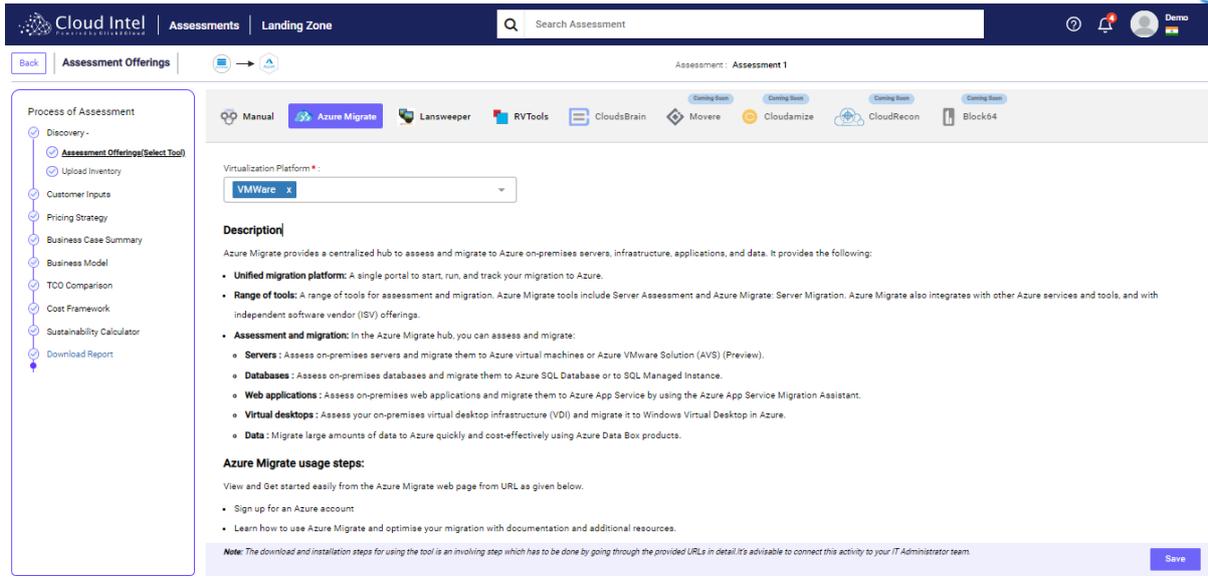


Description
Manual module gives you the freedom to upload your own VMs and DBs list for further assessment.
You can download the template from the next screen where you may mention your infra details as shown below.

MACHINE NAME	CPU	RAM (MB)	OS	STANDARD HDD SIZE (GB)	STANDARD SSD SIZE (GB)	PREMIUM DISK (GB)	CPU USAGE (%)	MEMORY USAGE (%)
MYAIDB01New	16	1,30,970.0	Microsoft Windows Server: 2016 Datacenter	5,025.4	0	0	6.1	82.7
MYAPPSVR01	8	1,30,754.0	Microsoft Windows Server: 2019 Standard	4,934.8	0	0	10.4	86.8
MYCPPM01	4	24,389.0	Microsoft Windows Server: 2019 Standard	1,949.3	0	70	8.0	84.6
MYEdgeService	8	16,384.0	Ubuntu Linux (64-bit)	64.0	40	0	9.0	85.8
MYKLSV01	2	8,192.0	Red Hat Enterprise Linux 6 (64-bit)	95.0	0	100	10.0	86.7

Note: Please click 'Save' to proceed further with the manual approach.

After selecting tools click on the **Save** button, to process a further assessment.



The screenshot shows the 'Assessment Offerings' page in the Cloud Intel interface. The left sidebar lists the 'Process of Assessment' steps, with 'Assessment Offerings (Select Tool)' selected. The main content area displays the 'Azure Migrate' tool. It includes a 'Virtualization Platform' dropdown menu set to 'VMWare'. Below this is a 'Description' section for Azure Migrate, detailing its purpose as a centralized hub for assessing and migrating on-premise servers, infrastructure, applications, and data to Azure. The description lists key features: a unified migration platform, a range of tools for assessment and migration, and assessment and migration capabilities for servers, databases, web applications, virtual desktops, and data. 'Azure Migrate usage steps' are also provided, including signing up for an Azure account and learning how to use the tool. A 'Save' button is visible at the bottom right of the content area.

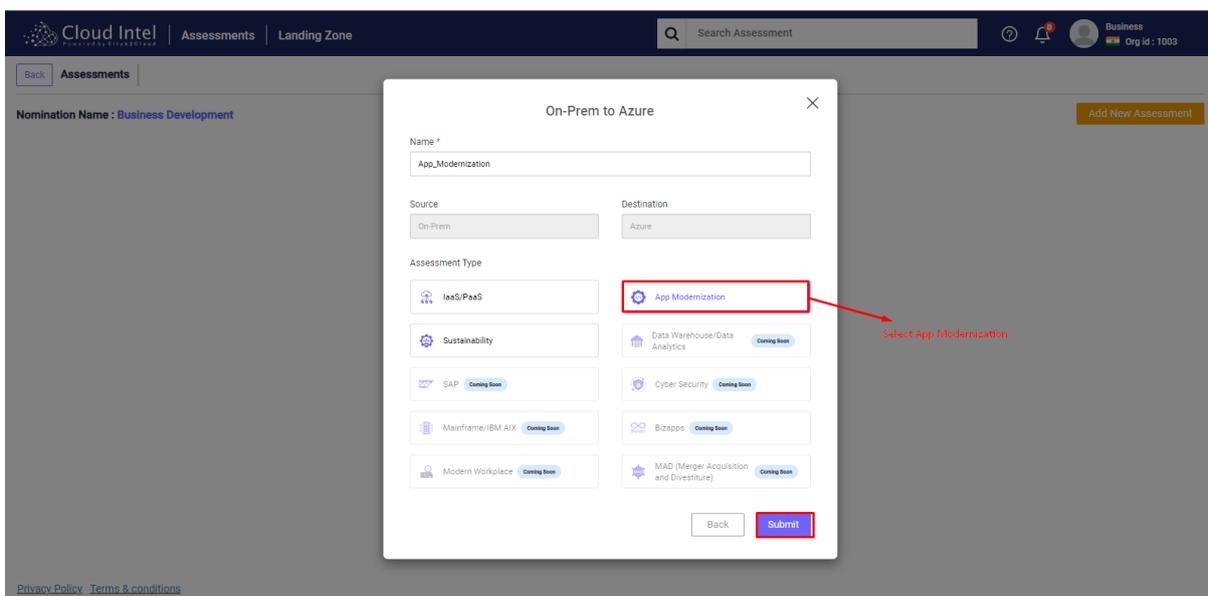
7.1.2 App Modernization

App modernization is the process of updating current apps and data to a cloud-first model aligned with a business need. This may involve migration to the cloud.

To create an **App Modernization** assessment, click on the **Add new Assessment** button.

After clicking on the **Add new assessment** button, a popup appears.

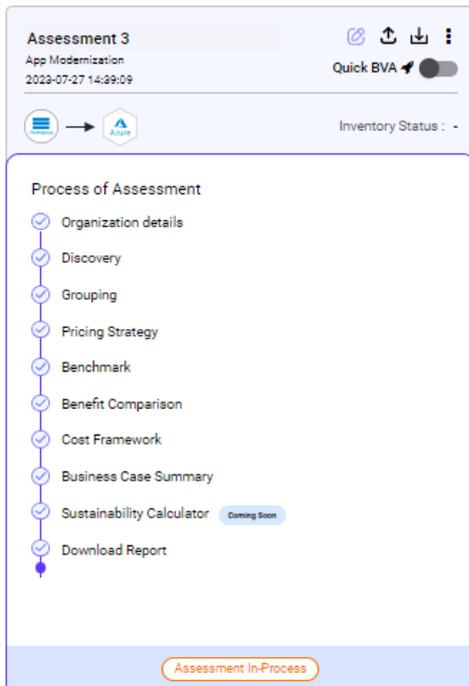
Enter the **Name** of the Assessment, Select **Assessment type App Modernization** and click on the **Submit** button.



The screenshot shows a 'Nomination Name: Business Development' page with an 'Add New Assessment' button. A modal window titled 'On-Prem to Azure' is open. The modal contains a 'Name' field with 'App_Modernization' entered. Below this are 'Source' (On-Prem) and 'Destination' (Azure) dropdowns. The 'Assessment Type' section displays a grid of options: IaaS/PaaS, Sustainability, SAP, Mainframe/IBM AIX, Modern Workplace, App Modernization (highlighted with a red box and a red arrow pointing to it with the text 'Select App Modernization'), Data Warehouse/Data Analytics, Cyber Security, Bizapps, and MAD (Merger Acquisition and Divestiture). At the bottom of the modal are 'Back' and 'Submit' buttons.

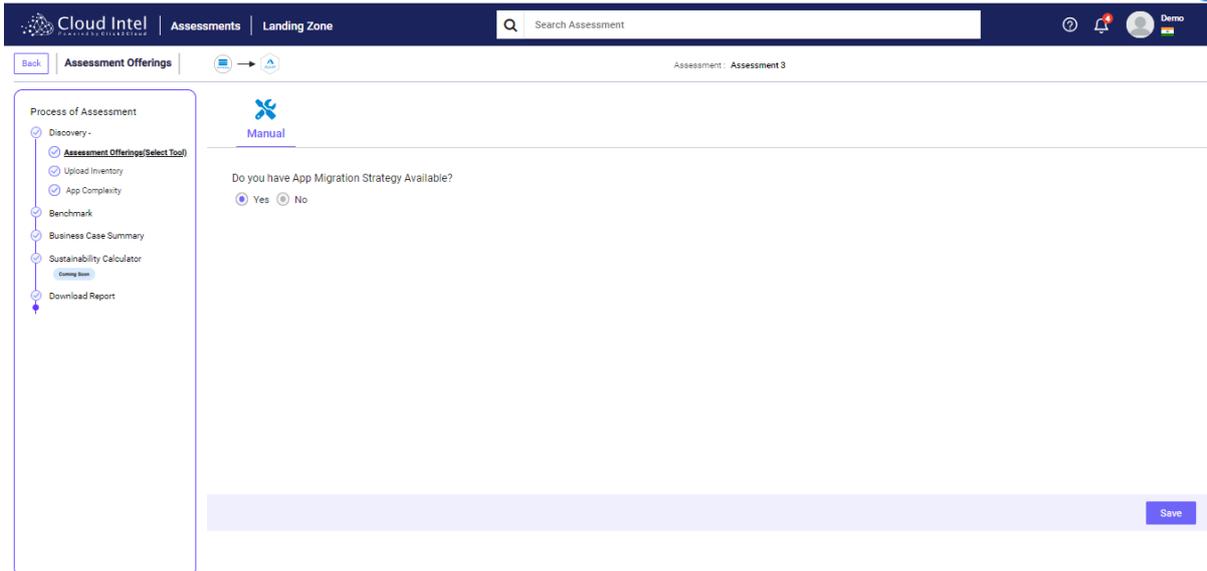
Click on the 'OK' button on the Success pop-up.

App Modernization assessment is created. Click on the **Assessment offerings (Select Tool)**.



Users can create an app modernization assessment by using a Manual tool.

If the user has an app migration strategy file. Click on the **Yes** button. And upload the **Application inputs** file.



Cloud Intel | Assessments | Landing Zone | Search Assessment | Demo

Back | Assessment Offerings | Assessment: Assessment 3

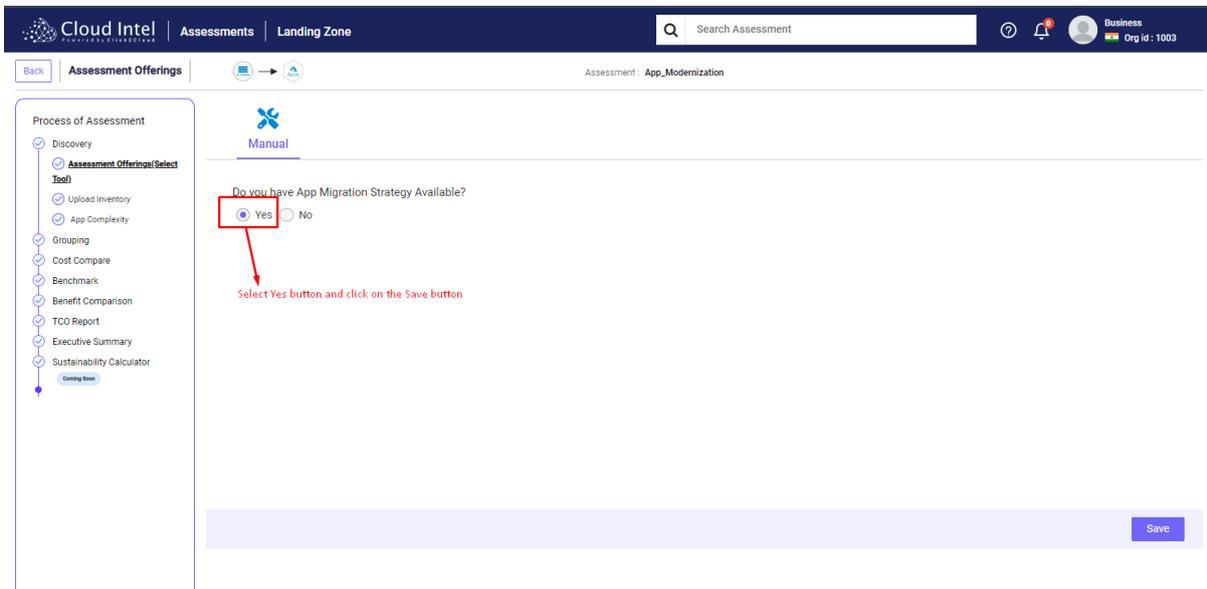
Process of Assessment:

- Discovery
- Assessment Offerings/Select Tool
- Upload Inventory
- App Complexity
- Benchmark
- Business Case Summary
- Sustainability Calculator
- Download Report

Manual

Do you have App Migration Strategy Available?
 Yes No

Save



Cloud Intel | Assessments | Landing Zone | Search Assessment | Business | Org id: 1003

Back | Assessment Offerings | Assessment: App_Modernization

Process of Assessment:

- Discovery
- Assessment Offerings/Select Tool
- Upload Inventory
- App Complexity
- Grouping
- Cost Compare
- Benchmark
- Benefit Comparison
- TCO Report
- Executive Summary
- Sustainability Calculator

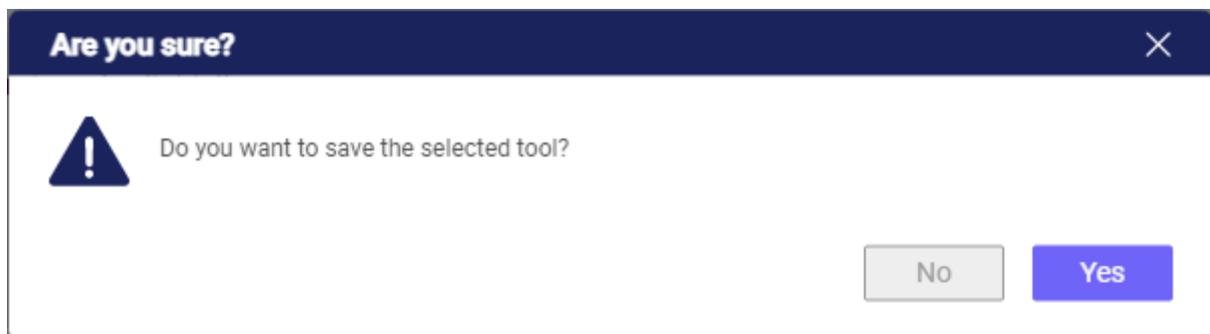
Manual

Do you have App Migration Strategy Available?
 Yes No

Select Yes button and click on the Save button

Save

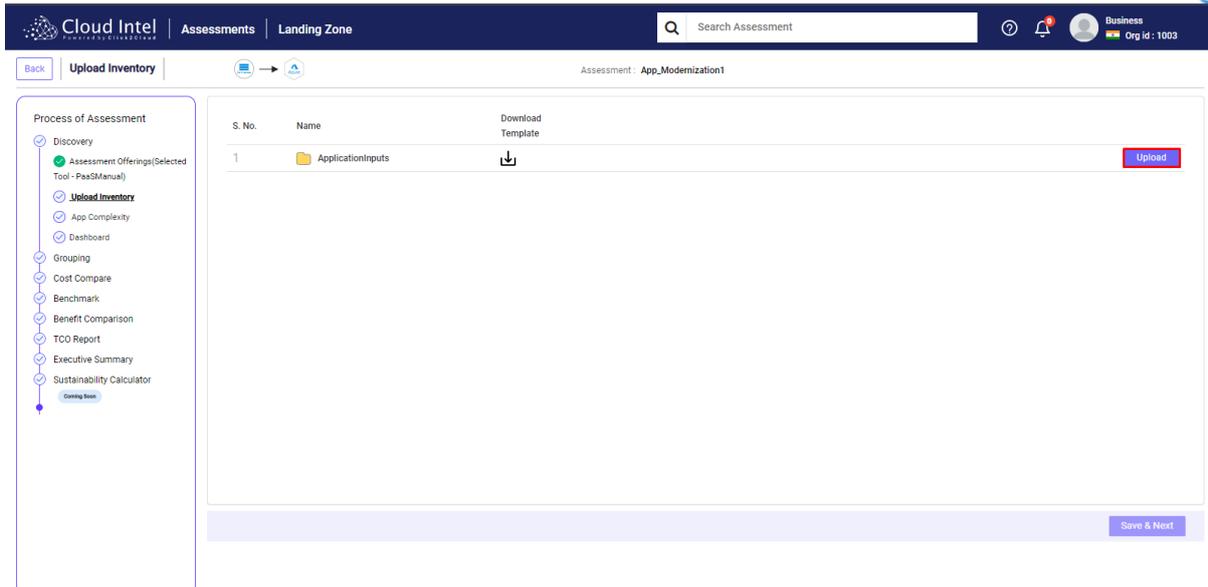
A confirmation pop-up will generate, click on the 'YES' button.



Are you sure?

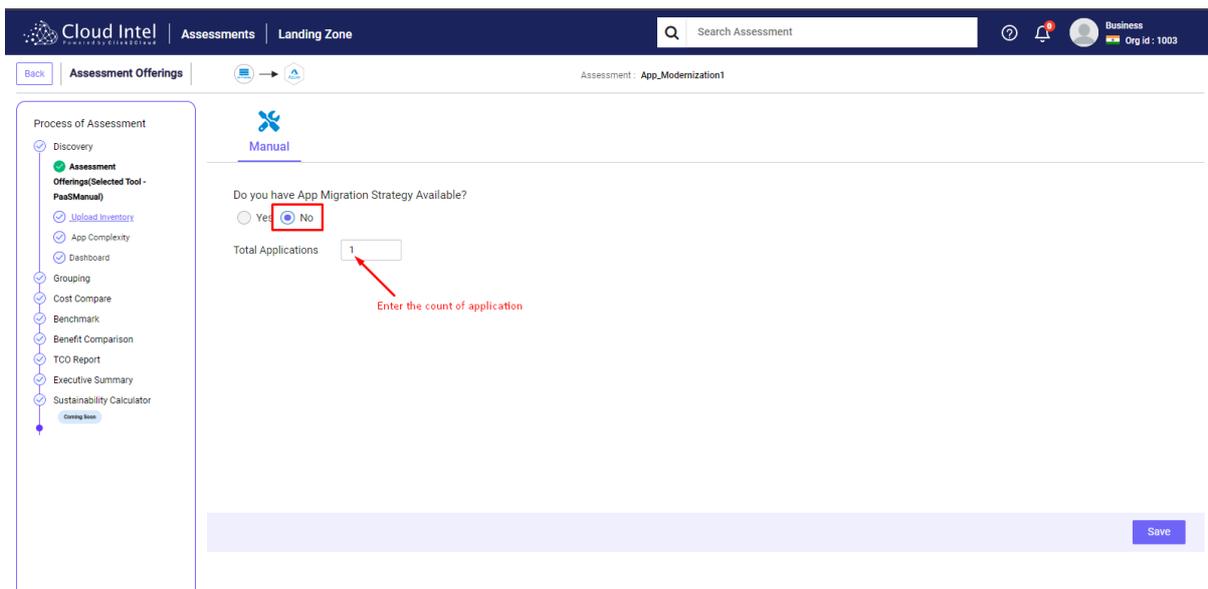
 Do you want to save the selected tool?

Upload an **Application input** file. And process a further assessment.



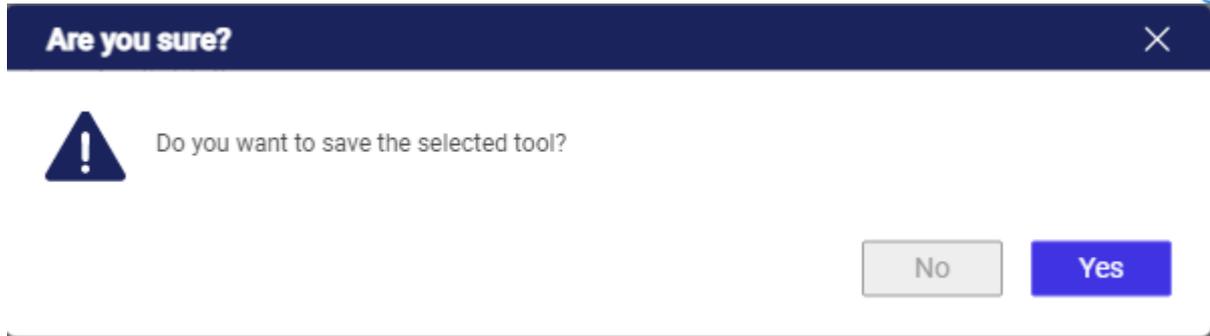
The screenshot shows the 'Upload Inventory' step of the assessment process. On the left, a 'Process of Assessment' sidebar lists steps from 'Discovery' to 'Continuing Soon', with 'Upload Inventory' highlighted. The main area features a table with columns for 'S. No.', 'Name', and 'Download Template'. A single row contains '1', 'ApplicationInputs', and a download icon. An 'Upload' button is positioned to the right of the row. At the bottom right, there is a 'Save & Next' button.

If the user doesn't have any application input file or App migration strategy, Click on the **No** button.
Enter the **Total Application** count, and click on the **Save** button.



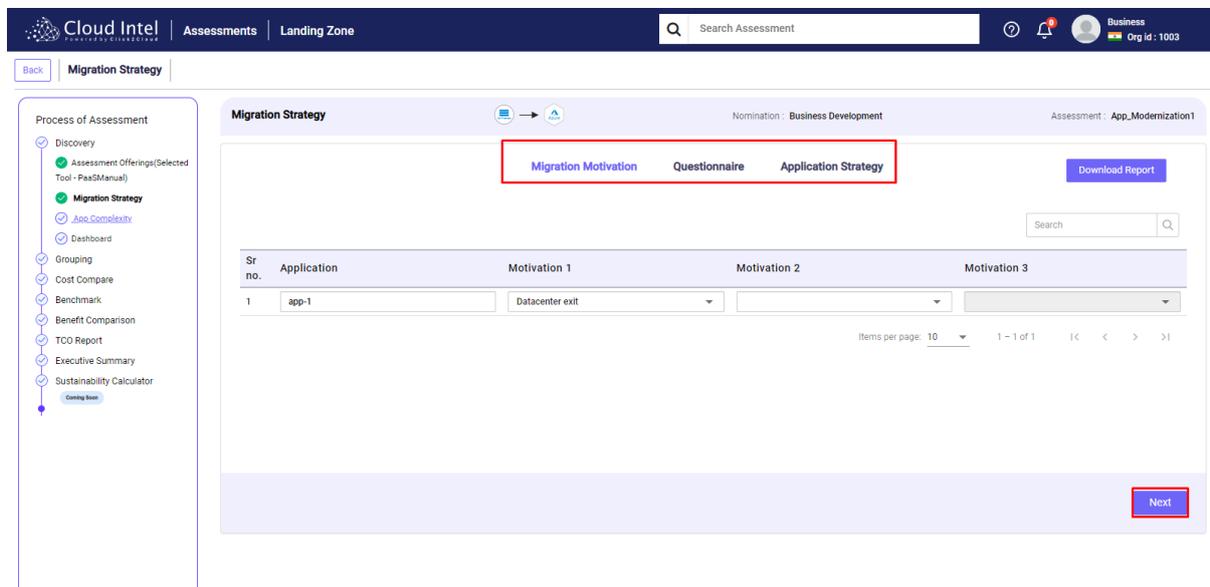
The screenshot shows the 'Manual' step of the assessment process. The 'Process of Assessment' sidebar on the left highlights 'Assessment Offerings(Selected Tool - PaaSManual)'. The main content area asks 'Do you have App Migration Strategy Available?' with radio buttons for 'Yes' and 'No'. The 'No' button is selected and highlighted with a red box. Below this, a 'Total Applications' label is followed by a text input field containing the number '1'. A red arrow points to the input field with the text 'Enter the count of application'. A 'Save' button is located at the bottom right.

A confirmation pop-up will generate, click on the **'YES'** button.



If the user doesn't have any App Migration strategy, the user needs to answer some questionnaire, and click on the **Next** button. By using this users can create an app migration strategy.

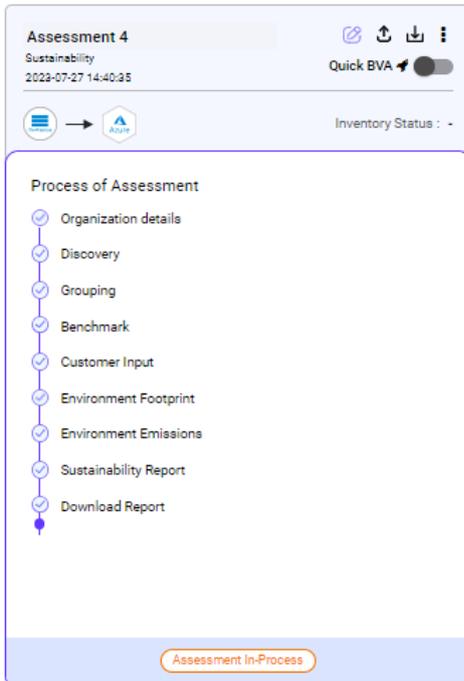
And process a further assessment.



7.1.3 Sustainability

Process of Assessment: -

In the assessment card, you can view the process which you need to follow to carry out the assessment.



Assessment 4
Sustainability
2023-07-27 14:40:35

Quick BVA

Inventory Status : -

Process of Assessment

- Organization details
- Discovery
- Grouping
- Benchmark
- Customer Input
- Environment Footprint
- Environment Emissions
- Sustainability Report
- Download Report

Assessment In-Process

Assessment Offerings (Select Tool): -

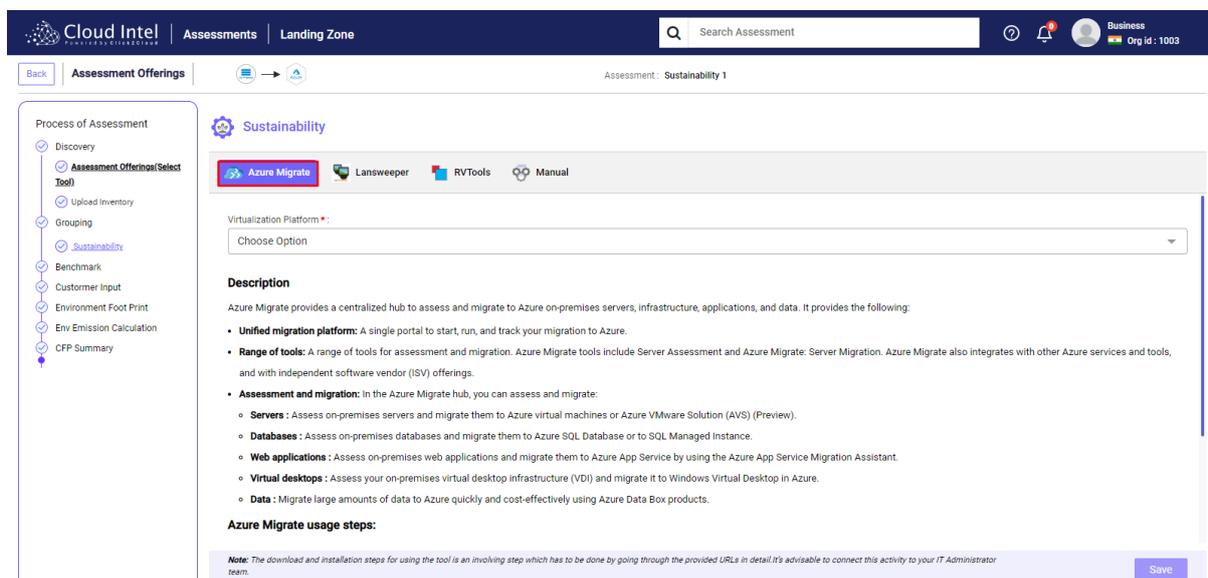
(Azure Migrate): -

Click on 'Select Tool.'

This will navigate the User to the 'Select Tool' page. This page displays various virtualization tools which can be used for Discovery.

On Selecting the tool, the panel describes instructions for every tool on how to use the tool.

Select the tool, then select Source Server for the Virtualization Platform dropdown and click on the Save button.



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Back | Assessment Offerings

Assessment : Sustainability 1

Process of Assessment

- Discovery
- Assessment Offerings/Select Tool)**
- Upload Inventory
- Grouping
- Sustainability
- Benchmark
- Customer Input
- Environment Foot Print
- Env Emission Calculation
- CFP Summary

Sustainability

Azure Migrate | Lansweeper | RVTools | Manual

Virtualization Platform * :
Choose Option

Description

Azure Migrate provides a centralized hub to assess and migrate to Azure on-premises servers, infrastructure, applications, and data. It provides the following:

- **Unified migration platform:** A single portal to start, run, and track your migration to Azure.
- **Range of tools:** A range of tools for assessment and migration. Azure Migrate tools include Server Assessment and Azure Migrate: Server Migration. Azure Migrate also integrates with other Azure services and tools, and with independent software vendor (ISV) offerings.
- **Assessment and migration:** In the Azure Migrate hub, you can assess and migrate:
 - **Servers :** Assess on-premises servers and migrate them to Azure virtual machines or Azure VMware Solution (AVS) (Preview).
 - **Databases :** Assess on-premises databases and migrate them to Azure SQL Database or to SQL Managed Instance.
 - **Web applications :** Assess on-premises web applications and migrate them to Azure App Service by using the Azure App Service Migration Assistant.
 - **Virtual desktops :** Assess your on-premises virtual desktop infrastructure (VDI) and migrate it to Windows Virtual Desktop in Azure.
 - **Data :** Migrate large amounts of data to Azure quickly and cost-effectively using Azure Data Box products.

Azure Migrate usage steps:

Note: The download and installation steps for using the tool is an involving step which has to be done by going through the provided URLs in detail. It's advisable to connect this activity to your IT Administrator team.

Save

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Assessment: Sustainability 1

Process of Assessment: Discovery, Assessment Offerings(Select Tool), Upload Inventory, Grouping, Sustainability, Benchmark, Customer Input, Environment Foot Print, Env Emission Calculation, CFP Summary

Sustainability

Azure Migrate | Lansweeper | RVTools | Manual

Virtualization Platform * : Choose Option

Select All Click to select Source platform

VMWare

Hyper-V

Physical

and with independent software vendor (ISV) offerings.

- Assessment and migration:** In the Azure Migrate hub, you can assess and migrate:
 - Servers :** Assess on-premises servers and migrate them to Azure virtual machines or Azure VMware Solution (AVS) (Preview).
 - Databases :** Assess on-premises databases and migrate them to Azure SQL Database or to SQL Managed Instance.
 - Web applications :** Assess on-premises web applications and migrate them to Azure App Service by using the Azure App Service Migration Assistant.
 - Virtual desktops :** Assess your on-premises virtual desktop infrastructure (VDI) and migrate it to Windows Virtual Desktop in Azure.
 - Data :** Migrate large amounts of data to Azure quickly and cost-effectively using Azure Data Box products.

Azure Migrate usage steps:

Note: The download and installation steps for using the tool is an involving step which has to be done by going through the provided URLs in detail. It's advisable to connect this activity to your IT Administrator team.

Click on Save button

Save

Click on the 'YES' button on the confirmation pop-up.

Are you sure? X

Do you want to save the selected tool?

No Yes

After clicking on the Yes button, the user navigates to the Upload Inventory page.

Upload Inventory: -

On this page, User can download the sample files for the **VM Assessment**. Users can upload the original files with proper data and file format by clicking on the Upload button.

Cloud Intel | Assessments | Landing Zone | Search Assessment | Business | Org id : 1003

Assessment: Sustainability 1

Upload Inventory

Process of Assessment: Discovery, Assessment Offerings(Selected Tool - Azure Migrate), Upload Inventory, Grouping, Sustainability, Benchmark, Customer Input, Environment Foot Print, Env Emission Calculation, CFP Summary

Azure Migrate

Infra - Azure Migrate

S. No.	Name	Download Template
1	VMWare VMassessment	Upload

Note: The Download and installation steps for using the tool is an involving step which has to be done by going through the provided URLs in detail. It's advisable to connect this activity to your IT Administrator team.

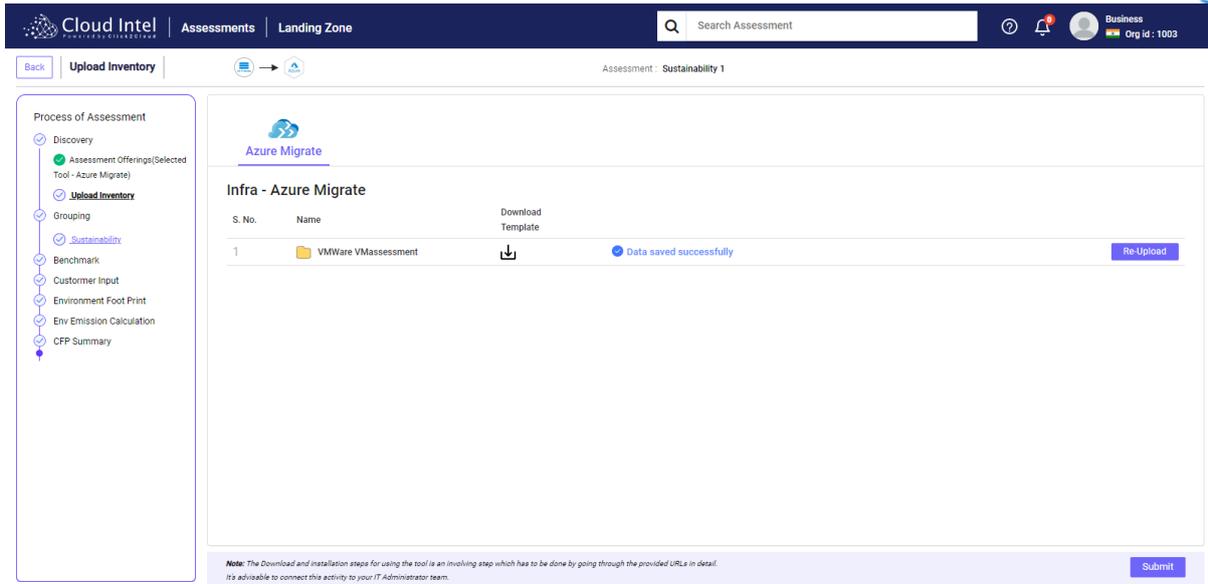
Submit

After clicking on the **'Upload'** button, you need to select the files from your machine.

Select the appropriate files.

If validation fails, you need to check the files being uploaded. Verify it against the sample template and click on the **'Re-Upload'** button to re-upload the files.

Once successfully uploaded, the success message is shown beside the file as 'Data saved successfully'.



Cloud Intel | Assessments | Landing Zone | Search Assessment | Business | Org id : 1003

Back | Upload Inventory | Assessment : Sustainability 1

Process of Assessment

- Discovery
- Assessment Offerings (Selected Tool - Azure Migrate)
- Upload Inventory**
- Grouping
- Sustainability
- Benchmark
- Customer Input
- Environment Foot Print
- Env Emission Calculation
- CFP Summary

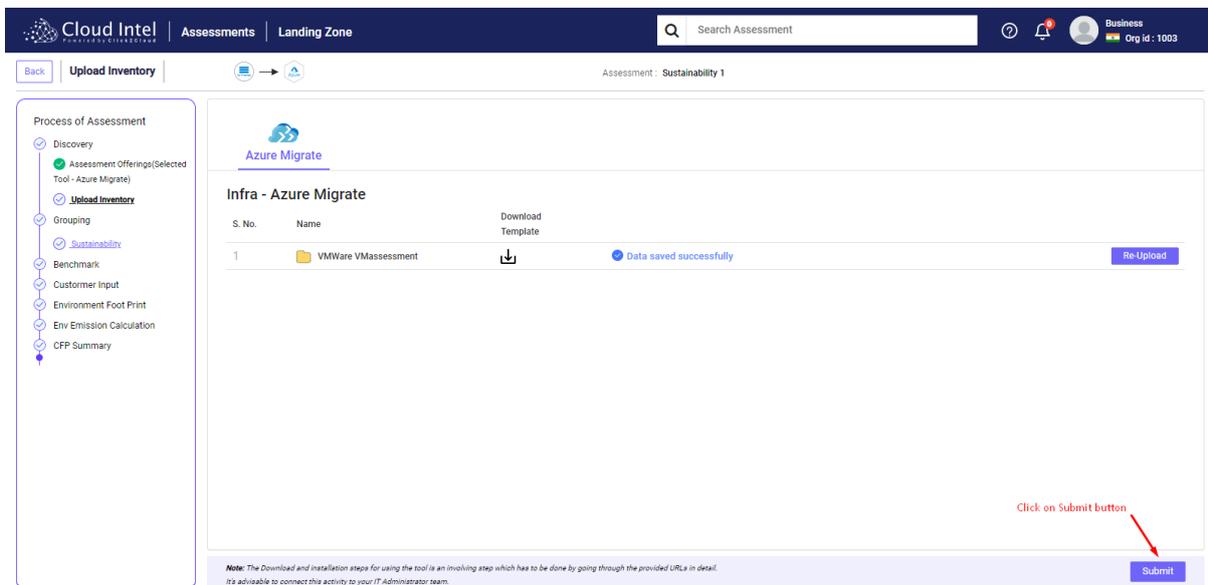
Azure Migrate

Infra - Azure Migrate

S.No.	Name	Download Template	
1	VMWare VMassessment	↓	Data saved successfully Re-Upload

Note: The Download and installation steps for using the tool is an involving step which has to be done by going through the provided URL in detail. It's advisable to connect this activity to your IT Administrator team. Submit

Click on the 'Submit' button.



Cloud Intel | Assessments | Landing Zone | Search Assessment | Business | Org id : 1003

Back | Upload Inventory | Assessment : Sustainability 1

Process of Assessment

- Discovery
- Assessment Offerings (Selected Tool - Azure Migrate)
- Upload Inventory**
- Grouping
- Sustainability
- Benchmark
- Customer Input
- Environment Foot Print
- Env Emission Calculation
- CFP Summary

Azure Migrate

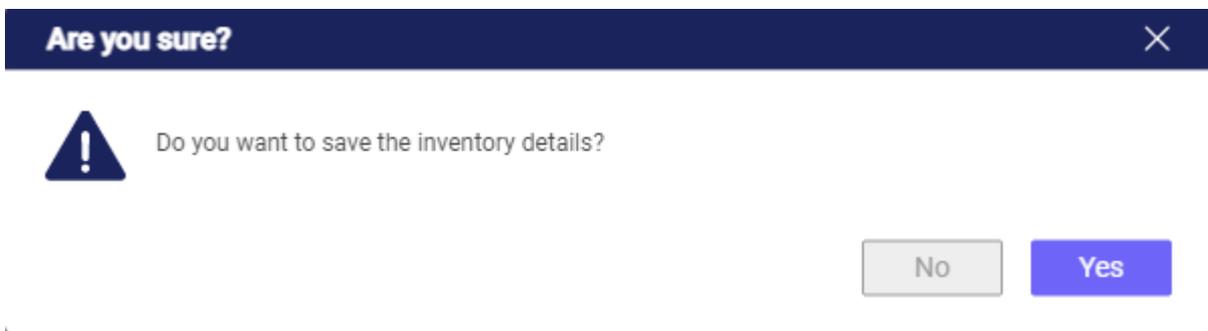
Infra - Azure Migrate

S.No.	Name	Download Template	
1	VMWare VMassessment	↓	Data saved successfully Re-Upload

Note: The Download and installation steps for using the tool is an involving step which has to be done by going through the provided URL in detail. It's advisable to connect this activity to your IT Administrator team. Submit

Click on Submit button

Click on the 'YES' button on the confirmation pop-up.

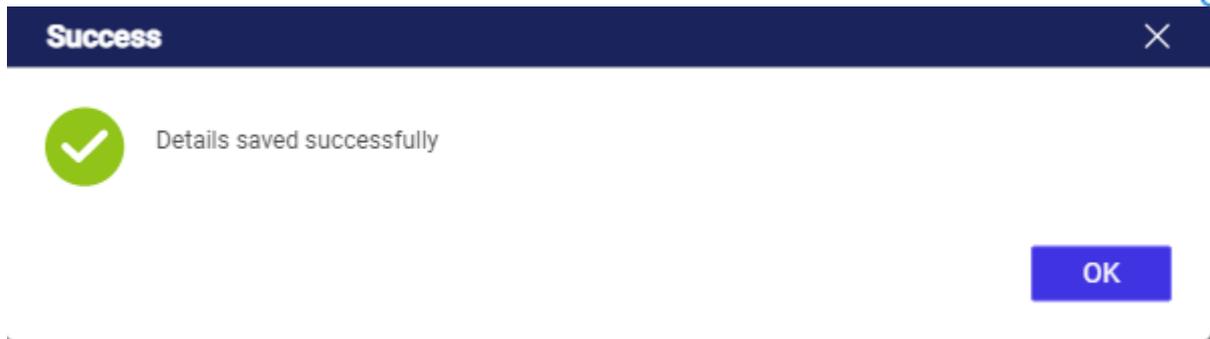


Are you sure? ×

⚠ Do you want to save the inventory details?

No Yes

Click on the OK button the on Success pop-up.



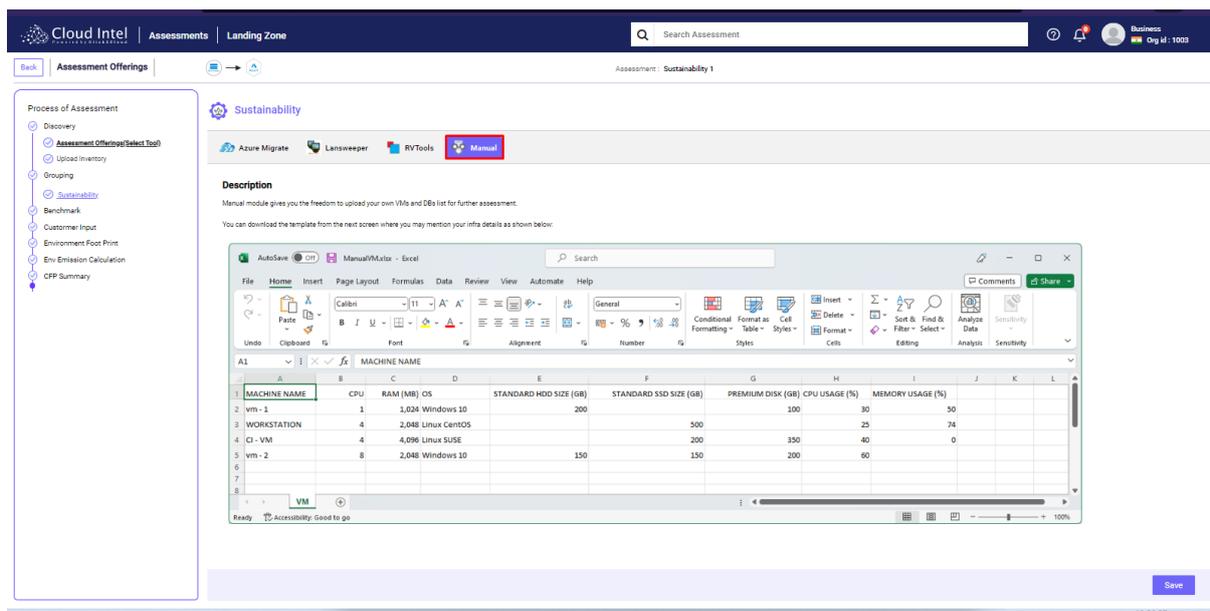
After clicking on the OK button, the user is navigated to the Grouping page.

(Manual Tool) :-

Click on 'Select Tool.'

This takes you to the 'Select Tool' page. This page displays a list of various tools that you can use for discovery and assessment.

Select the Manual tool, where the user can upload the VMs and DB inventory files depending upon the user's requirement (On-Premise infra details).



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Back | Assessment Offerings | Sustainability

Process of Assessment: Discovery, Assessment Offerings/Select Tool, Upload Inventory, Grouping, Sustainability, Benchmark, Customer Input, Environment Foot Print, Env Emission Calculation, CFP Summary

Sustainability

Azure Migrate | Lansweeper | RVTools | Manual

Description
Manual module gives you the freedom to upload your own VMs and DBs list for further assessment.
You can download the template from the next screen where you may mention your infra details as shown below:

MACHINE NAME	CPU	RAM (MB)	OS	STANDARD HDD SIZE (GB)	STANDARD SSD SIZE (GB)	PREMIUM DISK (GB)	CPU USAGE (%)	MEMORY USAGE (%)
vm - 1	1	1,024	Windows 10	200		100	30	50
WORKSTATION	4	2,048	Linux CentOS		500		25	74
CI - VM	4	4,096	Linux SUSE		200	350	40	0

Click on Save button → Save

Click on the 'YES' button on the confirmation pop-up.

Are you sure?

Do you want to save the selected tool?

No Yes

After clicking on the Yes button, the user navigates to the Upload Inventory page.

Upload Inventory:-

On this page, User can download the sample files for the **Manual VM** Assessment. Users can upload the original files with proper data and file format by clicking on the Upload button.

Cloud Intel | Assessments | Landing Zone | Search Assessment | Business | Org id : 1003

Back | Upload Inventory | Assessment : Sustainability 1

Process of Assessment

- Discovery
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- Upload Inventory**
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- Env Emission Calculation
- CFP Summary

Manual

S. No.	Name	Download Template		
1	ManualVM	↓		Upload

Submit

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Back | Upload Inventory | Assessment : Sustainability 1

Process of Assessment

- Discovery
- Assessment Offerings (Selected Tool - Manual)
- Upload Inventory
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- Env Emission Calculation
- CFP Summary

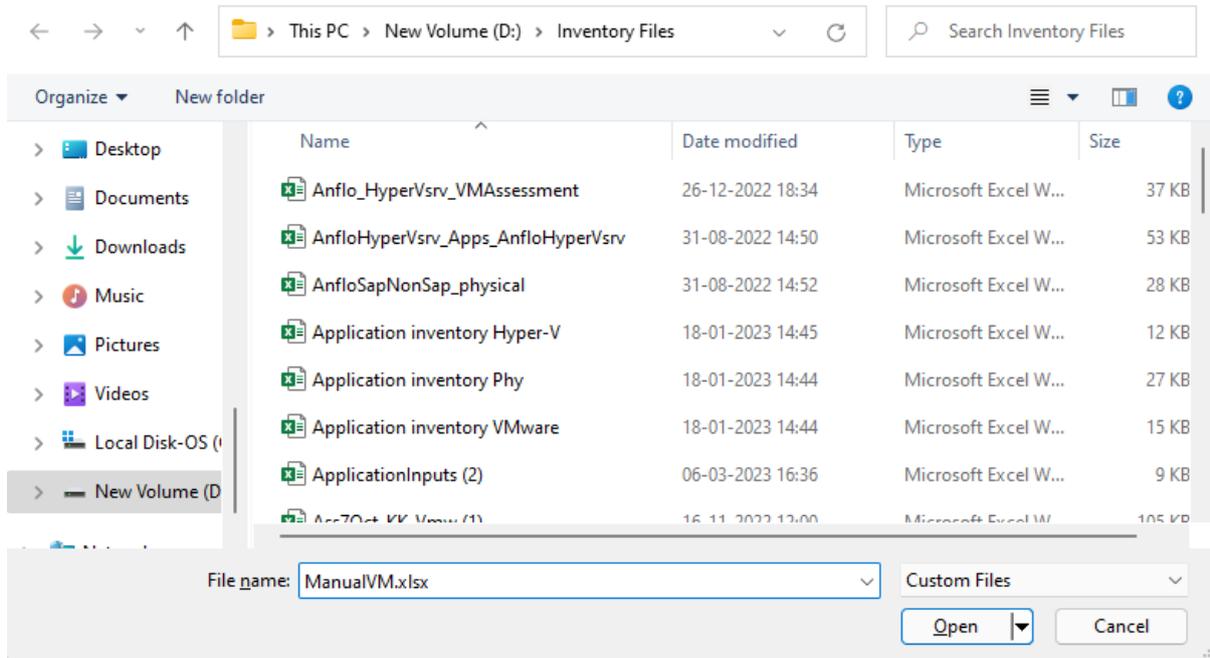
Manual

S. No.	Name	Download Template		
1	ManualVM	↓		Upload

Click to download sample file.

Submit

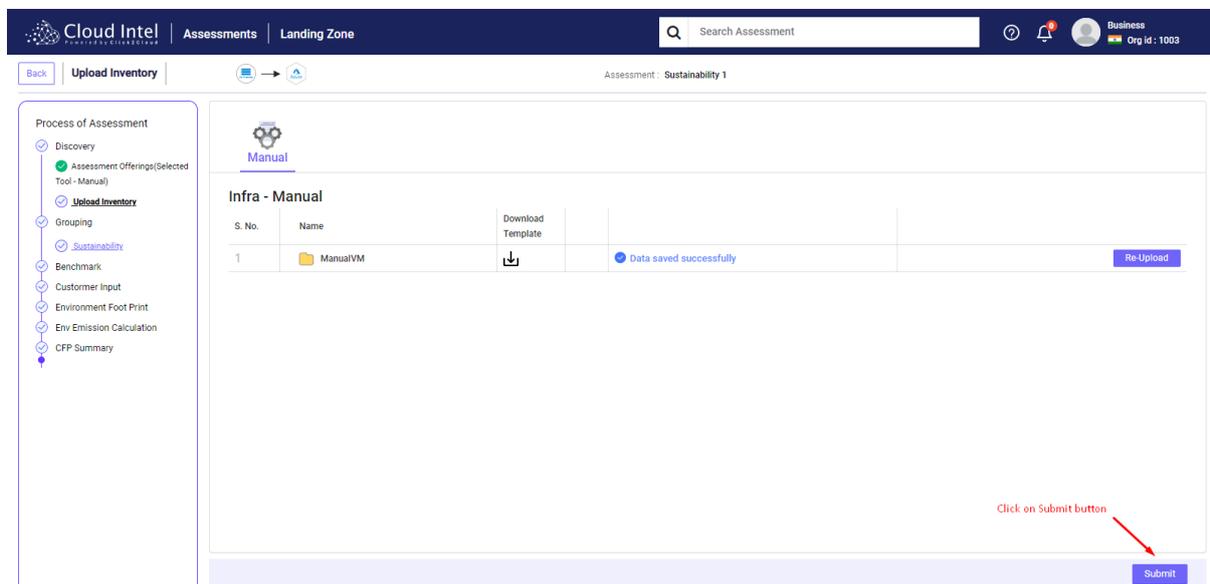
After clicking on the 'Upload' button, you need to select the files from your machine.



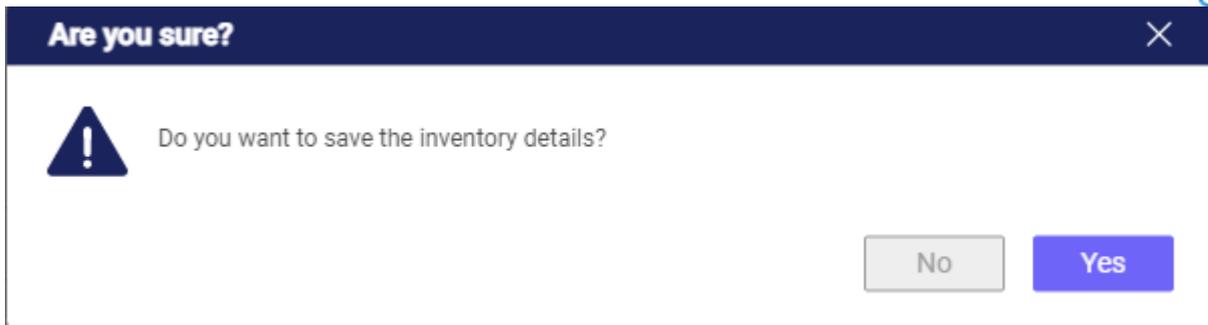
Select the appropriate files.

If validation fails, you need to check the files being uploaded. Verify it against the sample template and click on the **'Re-Upload'** button to re-upload the files.

Once successfully uploaded, the success message is shown beside the file as 'Data saved successfully'.



Click on the Yes button on the Confirmation pop-up.



Click on the OK button on the Success pop-up.



Clicking on the OK button, the User is navigated to the Grouping page.

Grouping: -

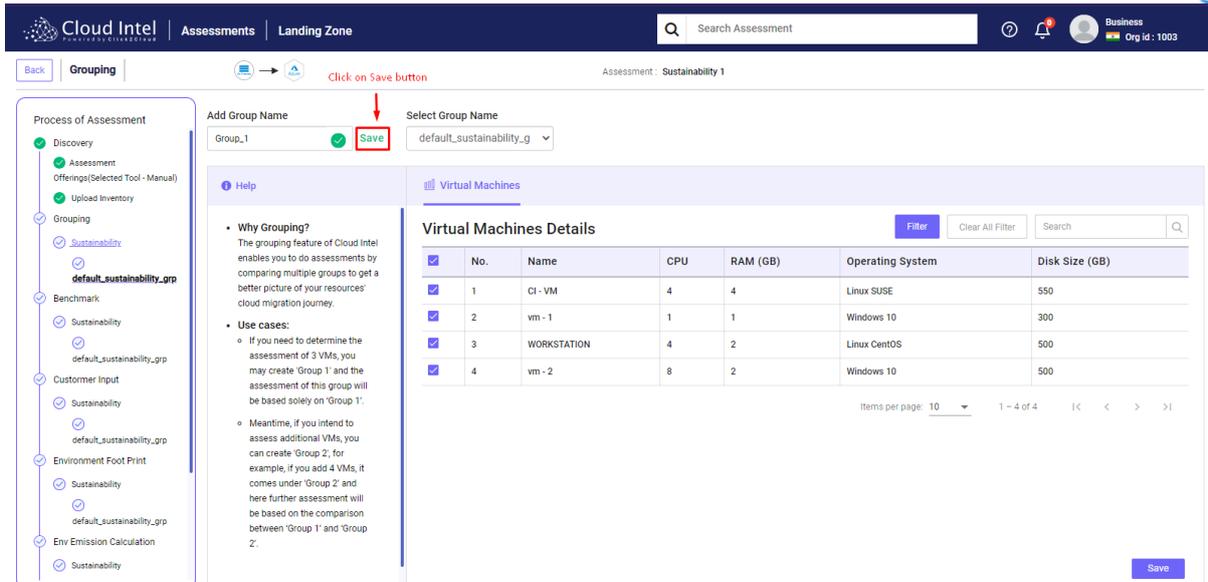
Default_Sustainability_grp: -

Click on the 'Sustainability' option. **Default_Sustainability_grp** is created automatically. Add Group by entering the group name in the 'Add Group Name' field and clicking on the **Save** button, before selecting resources that need to be assessed.

The screenshot shows the 'Grouping' page in the Cloud Intel interface. The top navigation bar includes 'Assessments' and 'Landing Zone'. The main content area is divided into several sections:

- Process of Assessment:** A vertical list of steps including Discovery, Assessment, Upload Inventory, Grouping (selected), Benchmark, Sustainability, Customer Input, Environment Foot Print, and Env Emission Calculation.
- Add Group Name:** A form with an input field containing 'default_sustainability_g' and a 'Save' button.
- Select Group Name:** A dropdown menu showing 'default_sustainability.g'.
- Virtual Machines:** A table with the following data:

No.	Name	CPU	RAM (GB)	Operating System	Disk Size (GB)
1	CI - VM	4	4	Linux SUSE	550
2	vm - 1	1	1	Windows 10	300
3	WORKSTATION	4	2	Linux CentOS	500
4	vm - 2	8	2	Windows 10	500



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Back | Grouping

Click on Save button

Assessment: Sustainability 1

Process of Assessment

- Discovery
- Assessment Offerings(Selected Tool - Manual)
- Upload Inventory
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 - Sustainability
 - default_sustainability_grp
- Benchmark
 - Sustainability
 - default_sustainability_grp
- Customer Input
 - Sustainability
 - default_sustainability_grp
- Environment Foot Print
 - Sustainability
 - default_sustainability_grp
 - Env Emission Calculation
 - Sustainability

Add Group Name: Group_1 Select Group Name: default_sustainability.g

Virtual Machines

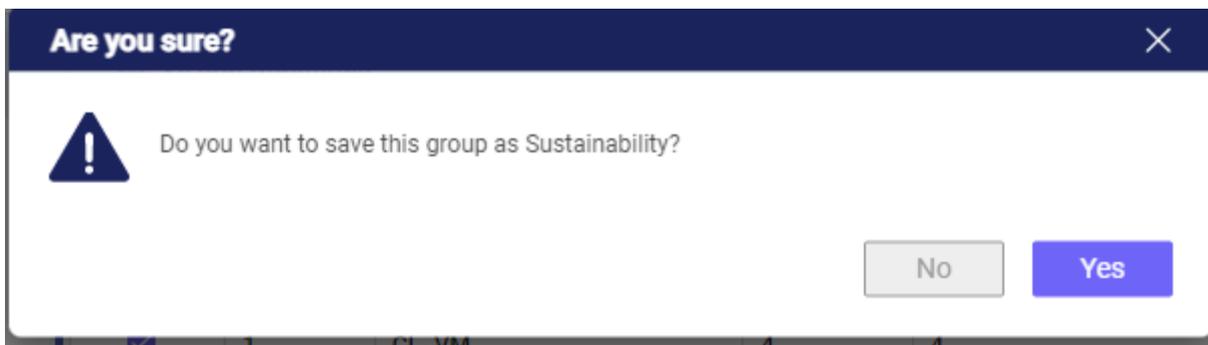
Virtual Machines Details

No.	Name	CPU	RAM (GB)	Operating System	Disk Size (GB)
1	CI - VM	4	4	Linux SUSE	550
2	vm - 1	1	1	Windows 10	300
3	WORKSTATION	4	2	Linux CentOS	500
4	vm - 2	8	2	Windows 10	500

Items per page: 10 1 - 4 of 4

Save

Click on the Yes button on Confirmation Pop-up

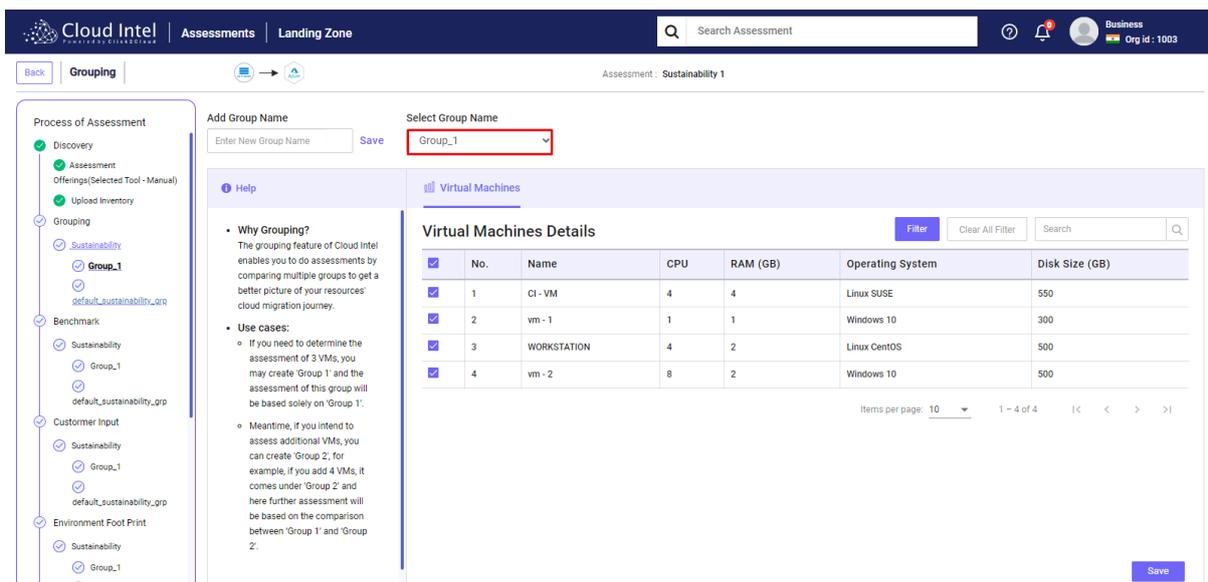


Are you sure?

Do you want to save this group as Sustainability?

No Yes

After clicking on the Yes button, a new group was added successfully.



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Back | Grouping

Assessment: Sustainability 1

Process of Assessment

- Discovery
- Assessment Offerings(Selected Tool - Manual)
- Upload Inventory
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 - Sustainability
 - Group_1
 - default_sustainability_grp
- Benchmark
 - Sustainability
 - Group_1
 - default_sustainability_grp
- Customer Input
 - Sustainability
 - Group_1
 - default_sustainability_grp
- Environment Foot Print
 - Sustainability
 - Group_1

Add Group Name: Enter New Group Name Select Group Name: Group_1

Virtual Machines

Virtual Machines Details

No.	Name	CPU	RAM (GB)	Operating System	Disk Size (GB)
1	CI - VM	4	4	Linux SUSE	550
2	vm - 1	1	1	Windows 10	300
3	WORKSTATION	4	2	Linux CentOS	500
4	vm - 2	8	2	Windows 10	500

Items per page: 10 1 - 4 of 4

Save

After adding the group, the VM List with details will be displayed under the 'Virtual Machines' tab. Select the VMs from the 'Virtual Machine' list to perform further processes. Then click on the Save button.

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Back | Grouping | Assessment: Sustainability 1

Process of Assessment

- Discovery
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 - default_sustainability_grp
- Environment Foot Print
 - Sustainability
 - default_sustainability_grp
- Env Emission Calculation
 - Sustainability

Add Group Name: Save

Select Group Name:

Virtual Machines

Virtual Machines Details

<input checked="" type="checkbox"/>	No.	Name	CPU	RAM (GB)	Operating System	Disk Size (GB)
<input checked="" type="checkbox"/>	1	vm - 2	8	2	Windows 10	500
<input checked="" type="checkbox"/>	2	WORKSTATION	4	2	Linux CentOS	500
<input checked="" type="checkbox"/>	3	Cl - VM	4	4	Linux SUSE	550
<input checked="" type="checkbox"/>	4	vm - 1	1	1	Windows 10	300

Items per page: 10 | 1 - 4 of 4

Save

Click on the Save button.

Cloud Intel | Assessments | Landing Zone | Search Assessment | Business | Org id: 1003

Back | Grouping | Assessment: Sustainability 1

Process of Assessment

- Discovery
- Assessment Offerings (Selected Tool - Manual)
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 - Sustainability
 - default_sustainability_grp
- Customer Input
 - Sustainability
 - default_sustainability_grp
- Environment Foot Print
 - Sustainability
 - default_sustainability_grp
- Env Emission Calculation
 - Sustainability

Add Group Name: Save

Select Group Name:

Virtual Machines

Virtual Machines Details

<input checked="" type="checkbox"/>	No.	Name	CPU	RAM (GB)	Operating System	Disk Size (GB)
<input checked="" type="checkbox"/>	1	vm - 2	8	2	Windows 10	500
<input checked="" type="checkbox"/>	2	WORKSTATION	4	2	Linux CentOS	500
<input checked="" type="checkbox"/>	3	Cl - VM	4	4	Linux SUSE	550
<input checked="" type="checkbox"/>	4	vm - 1	1	1	Windows 10	300

Items per page: 10 | 1 - 4 of 4

Save

Click to Save button

Click on the Yes button on Confirmation Pop-up.

Are you sure? ✕



Do you want to save selected resources?

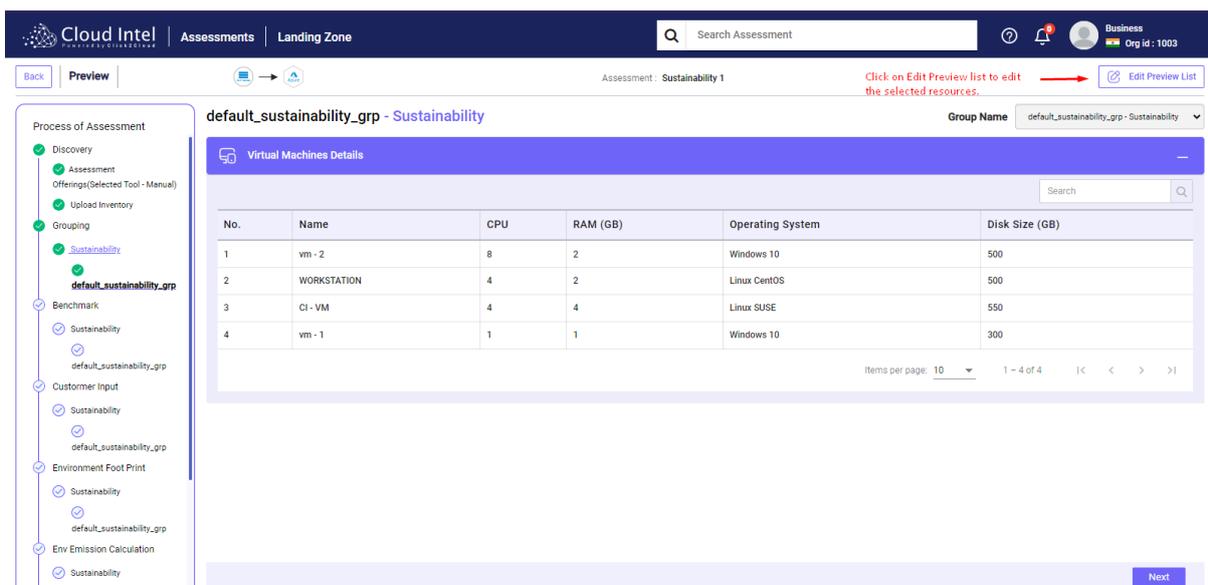
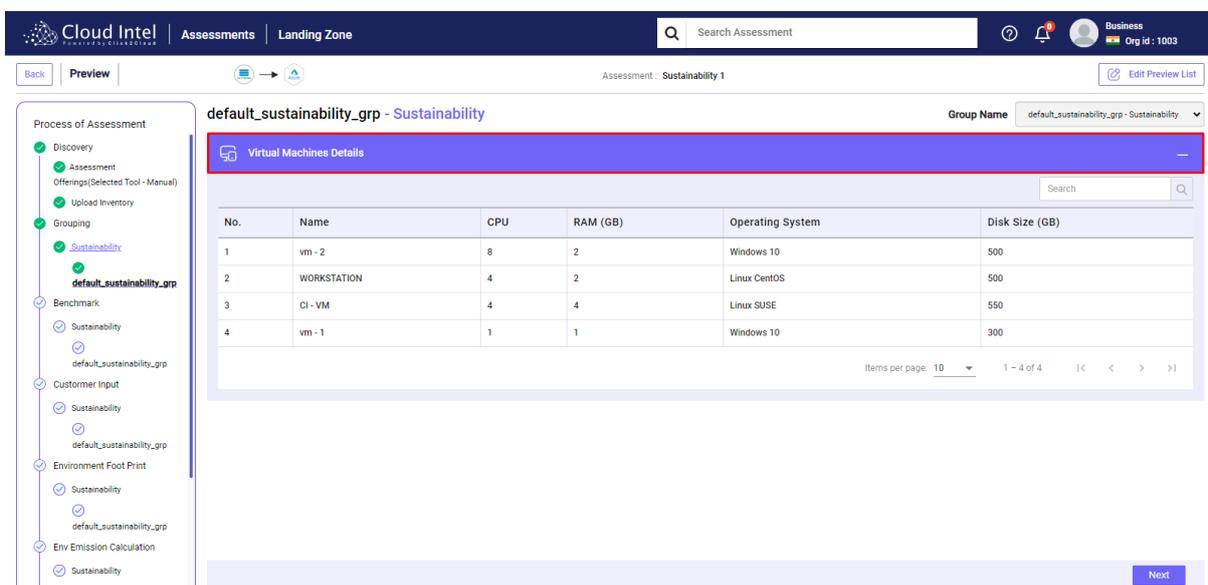
No

Yes

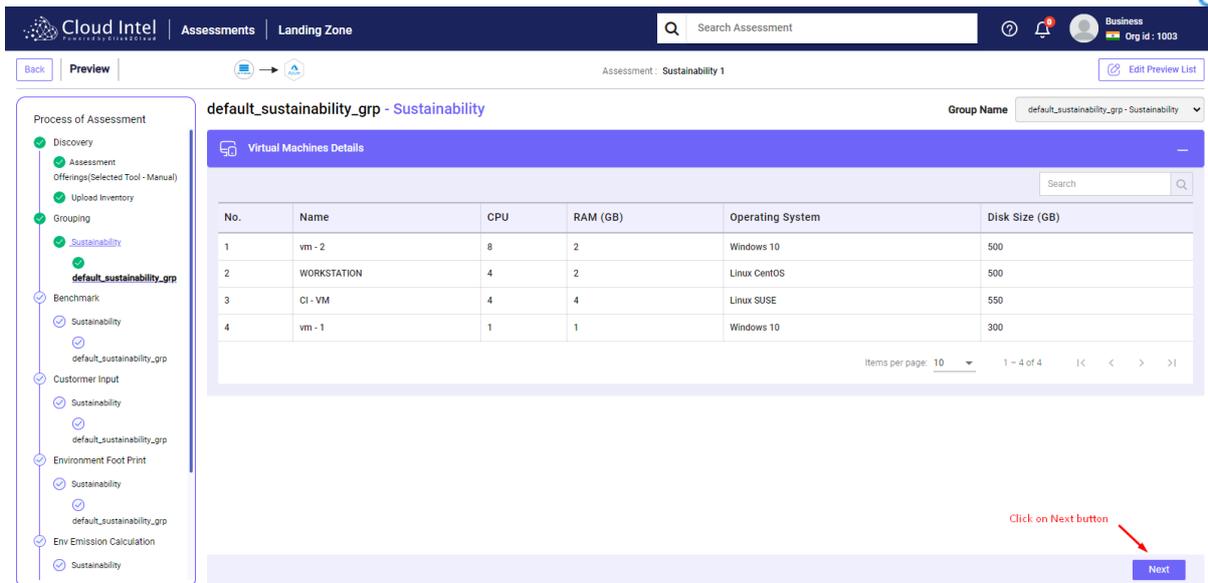
Click on the OK button.



The flow takes the User to the Preview page where you can view the list of VMs and databases that are selected from the previous step.



Click on the Next button.



default_sustainability_grp - Sustainability

Group Name: default_sustainability_grp - Sustainability

Virtual Machines Details

No.	Name	CPU	RAM (GB)	Operating System	Disk Size (GB)
1	vm - 2	8	2	Windows 10	500
2	WORKSTATION	4	2	Linux CentOS	500
3	CI - VM	4	4	Linux SUSE	550
4	vm - 1	1	1	Windows 10	300

Items per page: 10 | 1 - 4 of 4 | < > >>

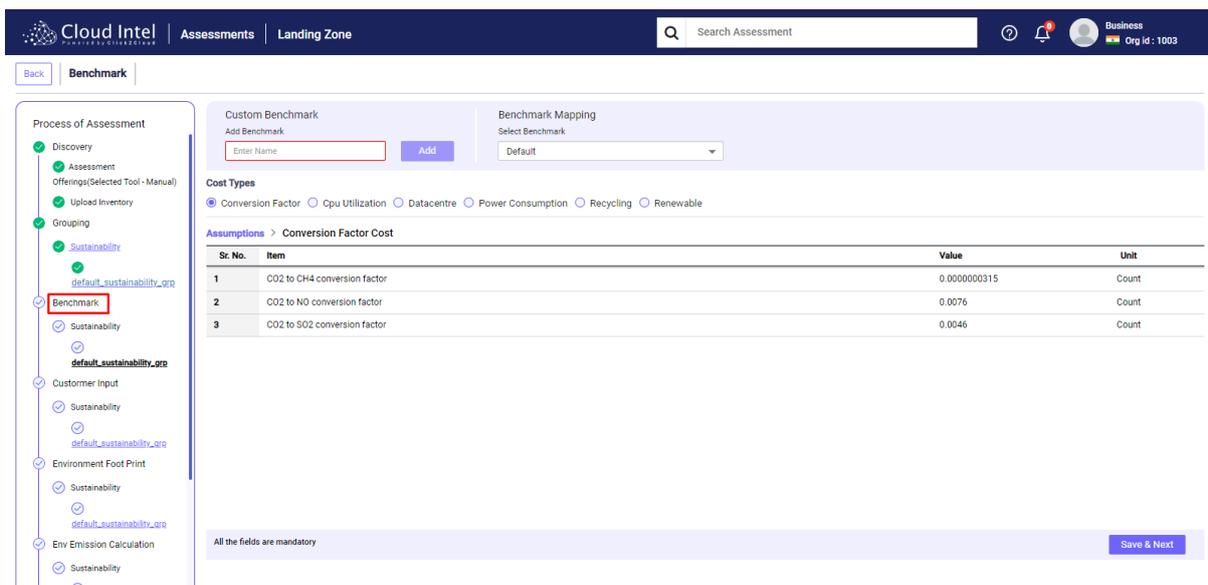
Click on Next button

Next

After clicking on the Next button, the user is navigated to the Benchmark page.

Benchmark: -

The Benchmark feature provides to add or update the Standards by adding a new Benchmark.



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 - default_sustainability_grp
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 - default_sustainability_grp
- Env Emission Calculation
 - Sustainability

Custom Benchmark

Add Benchmark

Enter Name Add

Benchmark Mapping

Select Benchmark

Default

Cost Types

Conversion Factor Cpu Utilization Datacentre Power Consumption Recycling Renewable

Assumptions > Conversion Factor Cost

Sr. No.	Item	Value	Unit
1	CO2 to CH4 conversion factor	0.0000000315	Count
2	CO2 to NO conversion factor	0.0076	Count
3	CO2 to SO2 conversion factor	0.0046	Count

All the fields are mandatory

Save & Next

Sustainability -> default_sustainability_grp

Click on the Benchmark link and the user will be able to create a new Benchmark. Enter the name in the 'Add Benchmark' field and click on the 'Add' button.

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Back | Benchmark

Click on Add button

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 - default_sustainability_grp
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 - default_sustainability_grp
- Environment Foot Print
 - Sustainability
 - default_sustainability_grp
- Env Emission Calculation
 - Sustainability

Custom Benchmark

Add Benchmark

User 1

Benchmark Mapping

Select Benchmark

Default

Cost Types

Conversion Factor Cpu Utilization Datacentre Power Consumption Recycling Renewable

Enter Benchmark Name

Assumptions > Conversion Factor Cost

Sl. No.	Item	Value	Unit
1	CO2 to CH4 conversion factor	0.0000000315	Count
2	CO2 to NO conversion factor	0.0076	Count
3	CO2 to SO2 conversion factor	0.0046	Count

All the fields are mandatory

Click on the Yes button on Confirmation Pop-up.

Are you sure?

 Do you want to save the details?

Click on the OK button.

Success

 Saved successfully.

The new benchmark automatically gets selected in the 'Select Benchmark' dropdown or the user can map existing benchmarks from the same dropdown.

On adding Benchmark, User has to fill in the assumptions for the on-prem resource **Cost types**. default values are already stored based on average analysis which can be modified as per the requirements.

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Process of Assessment

- Discovery
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 - default_sustainability_grp
- Customer Input
 - Sustainability
 - default_sustainability_grp
- Environment Foot Print
 - Sustainability
 - default_sustainability_grp
- Env Emission Calculation
 - Sustainability

Custom Benchmark

Add Benchmark

Enter Name Add

Benchmark Mapping

Select Benchmark

User 1

Cost Types

Conversion Factor Cpu Utilization Datacentre Power Consumption Recycling Renewable

Assumptions > Conversion Factor Cost

Sl. No.	Item	Value	Unit
1	CO2 to CH4 conversion factor	<input type="text" value="0.000000315"/>	Count
2	CO2 to NO conversion factor	<input type="text" value="0.0076"/>	Count
3	CO2 to SO2 conversion factor	<input type="text" value="0.0046"/>	Count

All the fields are mandatory Save & Next

To import the existing benchmark, select the benchmark from the 'Benchmark Mapping' dropdown and click on the 'Import' button.

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Process of Assessment

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 - default_sustainability_grp
- Customer Input
 - Sustainability
 - default_sustainability_grp
- Environment Foot Print
 - Sustainability
 - default_sustainability_grp
- Env Emission Calculation
 - Sustainability

Custom Benchmark

Add Benchmark

Enter Name Add

Benchmark Mapping

Select Benchmark

Default

User 1 Import

Cost Types

Conversion Factor Cpu Utilization Datacentre Power Consumption Recycling Renewable

Assumptions > Conversion Factor Cost

Sl. No.	Item	Value	Unit
1	CO2 to CH4 conversion factor	0.000000315	Count
2	CO2 to NO conversion factor	0.0076	Count
3	CO2 to SO2 conversion factor	0.0046	Count

All the fields are mandatory Save & Next

Click on Import button to map old Benchmark

Import Benchmark ✕

New Benchmark Name *

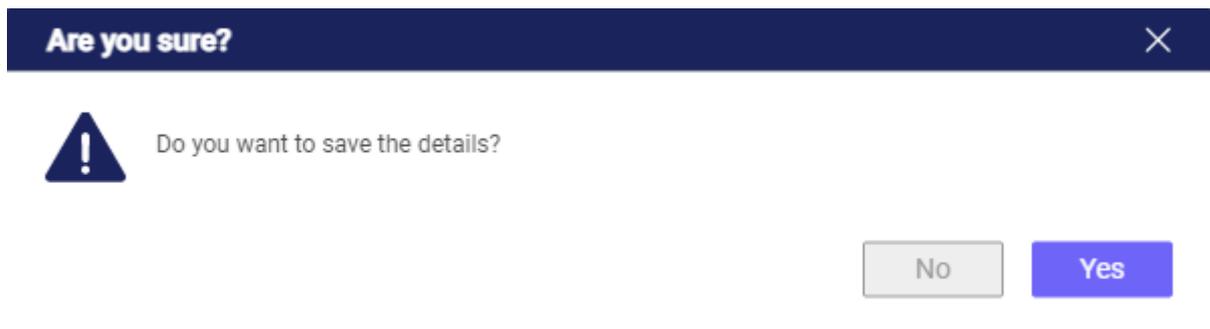
Cancel
Import

Enter the Benchmark name in the text field, after entering the Benchmark name click on the Import button.



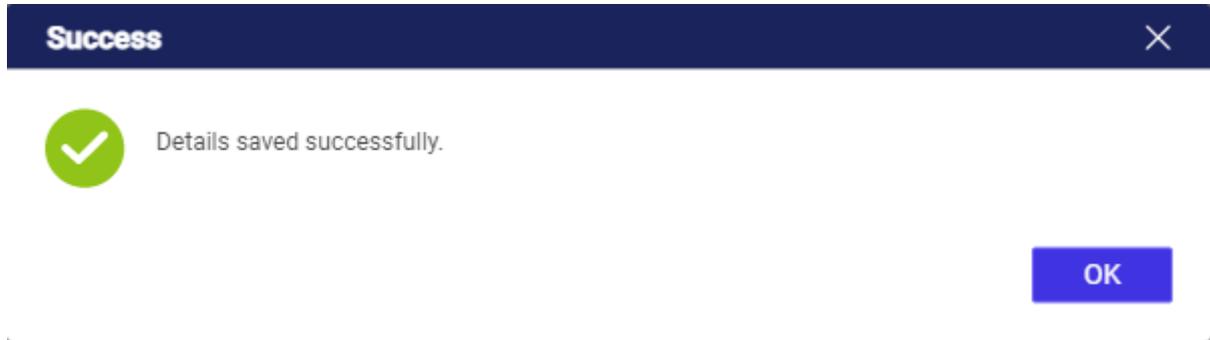
The 'Import Benchmark' dialog box features a purple header with a close button. Below the header, the text 'New Benchmark Name *' is positioned above a text input field containing 'New User'. A red arrow points from the text 'Click on Import button' to the 'Import' button. Another red arrow points from the text 'Enter Benchmark Name' to the input field. At the bottom right, there are 'Cancel' and 'Import' buttons.

Click on the 'YES' button on the confirmation pop-up.



The 'Are you sure?' dialog box has a dark blue header with a close button. It contains a warning icon (a triangle with an exclamation mark) and the text 'Do you want to save the details?'. At the bottom right, there are 'No' and 'Yes' buttons.

Click on the 'OK' button on the success pop-up.



The 'Success' dialog box has a dark blue header with a close button. It features a green checkmark icon and the text 'Details saved successfully.'. At the bottom right, there is an 'OK' button.

After saving the Assumptions input, click on the 'Save & Next' button.



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 - default_sustainability_grp
- Customer Input
 - Sustainability
 - default_sustainability_grp
- Environment Foot Print
 - Sustainability
 - default_sustainability_grp
- Env Emission Calculation
 - Sustainability

Custom Benchmark

Add Benchmark

Enter Name Add

Benchmark Mapping

Select Benchmark

User 1

Cost Types

Conversion Factor Cpu Utilization Datacentre Power Consumption Recycling Renewable

Assumptions > Conversion Factor Cost

Sl. No.	Item	Value	Unit
1	CO2 to CH4 conversion factor	<input type="text" value="0.0000000315"/>	Count
2	CO2 to NO conversion factor	<input type="text" value="0.0076"/>	Count
3	CO2 to SO2 conversion factor	<input type="text" value="0.0046"/>	Count

All the fields are mandatory

Save & Next

Click on Save and Next button

Click on the Yes button on the Confirmation Pop-up.

Are you sure? ✕

Do you want to save the details?

No Yes

Click on the OK button on The Success Pop-up.

Success ✕

Details saved successfully.

OK

After clicking on the OK button, the user is navigated to the Customer Input page.

Customer Input: -

On the Customer Input page, the user can view or edit the VM details under the **'Virtual Machine Profile'** table and the user can also edit **'Virtualization Ratio'**, **'On-Premise'**, **'End of Life Server Decommissioning'** and **'Migration Plan'** details



Back Customer Input Assessment : Sustainability 1

Process of Assessment

- Discovery
- Assessment Offerings(Selected Tool - Manual)
- Upload Inventory
- Grouping
- Sustainability
- Benchmark
- Sustainability
- Customer Input
- Sustainability
- Environment Foot Print
- Sustainability
- Env Emission Calculation
- Sustainability

Virtualization

Sr. No.	VMs Size	No. of Unit
1	Virtualization Ratio (Approximation)	5

Virtual Machine Profile

Sr. No.	Server Size	No. of Machines
1	Small (<= 4 cores)	3
2	Medium (6-8 cores)	1
3	Large (8-16 cores)	0
4	Extra Large (> 16 cores)	0
Total No. of Machine		16

On-Premise

Sr. No.	Server Power	No. of Percent
1	% Power from Renewable Sources	20
2	% Power from Non-Renewable Sources	80

End of Life Servers Decommissioning

Sr. No.	Server Use	No. of Percent
7	Recycling (%)	10
8	Others (%)	90

[Save & Next](#)

Back Customer Input Assessment : Sustainability 1

Process of Assessment

- Discovery
- Assessment Offerings(Selected Tool - Manual)
- Upload Inventory
- Grouping
- Sustainability
- Benchmark
- Sustainability
- Customer Input
- Sustainability
- Environment Foot Print
- Sustainability
- Env Emission Calculation
- Sustainability

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4	Extra Large (> 16 cores)	0
Total No. of Machine		16

On-Premise

Sr. No.	Server Power	No. of Percent
1	% Power from Renewable Sources	20
2	% Power from Non-Renewable Sources	80

End of Life Servers Decommissioning

Sr. No.	Server Use	No. of Percent
7	Recycling (%)	10
8	Others (%)	90

[Save & Next](#)

Back Customer Input Assessment : Sustainability 1

Process of Assessment

- Discovery
- Assessment Offerings(Selected Tool - Manual)
- Upload Inventory
- Grouping
- Sustainability
- Benchmark
- Sustainability
- Customer Input
- Sustainability
- Environment Foot Print
- Sustainability
- Env Emission Calculation
- Sustainability

Total No. of Machine 16

On-Premise

Sr. No.	Server Power	No. of Percent
1	% Power from Renewable Sources	20
2	% Power from Non-Renewable Sources	80

End of Life Servers Decommissioning

Sr. No.	Server Use	No. of Percent
7	Recycling (%)	10
8	Others (%)	90

Migration Plan

Sr. No.	Years	No. of Percent
1	Year 1	20
2	Year 2	50
3	Year 3	60
4	Year 4	80
5	Year 5	100

[Save & Next](#)

Click on the Save & Next button.

Cloud Intel
Assessments | Landing ZoneBusiness
Org id : 1003

Back
Customer Input
Assessment: Sustainability 1

Process of Assessment

- Discovery
- Assessment Offerings(Selected Tool - Manual)
- Upload Inventory
- Grouping
- Sustainability
- Benchmark
- Customer Input
- Environment Foot Print
- Env Emission Calculation

Virtualization

Sr. No.	VMs Size	No. of Unit
1	Virtualization Ratio (Approximation)	5

Virtual Machine Profile

Sr. No.	Server Size	No. of Machines
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4	Extra Large (> 16 cores)	0
Total No. of Machine		16

On-Premise

Sr. No.	Server Power	No. of Percent
1	% Power from Renewable Sources	20
2	% Power from Non-Renewable Sources	80

End of Life Servers Decommissioning

Sr. No.	Server Use	No. of Percent

Click on Save and Next button →

Save & Next

Click on the OK button on the Success Pop-up.

Success
✕



Details saved successfully.

OK

After clicking the OK button, the user is navigated to the Environment Foot Print page.

Environment Foot Print: -

An Environmental Footprint is a **quantitative measure showing the appropriation of natural resources by humans**. It considers the results of carbon, water, and land footprints associated with an activity and is divided into environmental, economic, and/or social footprints.

Cloud Intel | Assessments | Landing Zone | Search Assessment | Business | Org id : 1003

Back | Environment Foot Print | Assessment : Sustainability 1

Carbon Emission & Neutrality | Water Consumption | Soil Space Reclaim

Process of Assessment

- Discovery
 - Assessment Offerings (Selected Tool - Manual)
 - Upload Inventory
- Grouping
 - Sustainability
 - default_sustainability_grp
- Benchmark
 - Sustainability
 - default_sustainability_grp
- Customer Input
 - Sustainability
 - default_sustainability_grp
- Environment Foot Print
 - Sustainability
 - default_sustainability_grp
- Env Emission Calculation
 - Sustainability

On Premise Carbon FootPrint (kgCO2e)

All Servers Type	Year 1	Year 2	Year 3	Year 4	Year 5
END OF LIFE	995328	1097728	1208320	1331200	1458176
USE	95948800	105549824	116101120	127713280	140484608
TRANSPORT	2496	2816	3072	3328	3712
On Premise Carbon FootPrint (kgCO2e)	97479728	107236864	117957632	129757440	142727104

Azure Carbon FootPrint (kgCO2e)

TRANSPORT	1063	1199	1308	1417	1580
USE	11968082	13165657	12412939	4551484	0
Manufacturing	226853	249573	274520	301972	332174
END OF LIFE	188242	155707	114262	62941	34473
Carbon FootPrint (kgCO2e) on Azure	12384240	13572136	12803029	4917814	368227

Percentage FootPrint (kgCO2e)

Next

Carbon Emission & Neutrality: -

The Carbon Emission & Neutrality tab provides a detailed comparison of, 'On-Premise Carbon Footprint' and 'Azure Carbon Footprint'.

Cloud Intel | Assessments | Landing Zone | Search Assessment | Business | Org id : 1003

Back | Environment Foot Print | Assessment : Sustainability 1

Carbon Emission & Neutrality | Water Consumption | Soil Space Reclaim

Process of Assessment

- Discovery
 - Assessment Offerings (Selected Tool - Manual)
 - Upload Inventory
- Grouping
 - Sustainability
 - default_sustainability_grp
- Benchmark
 - Sustainability
 - default_sustainability_grp
- Customer Input
 - Sustainability
 - default_sustainability_grp
- Environment Foot Print
 - Sustainability
 - default_sustainability_grp
- Env Emission Calculation
 - Sustainability

On Premise Carbon FootPrint (kgCO2e)

All Servers Type	Year 1	Year 2	Year 3	Year 4	Year 5
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USE	95948800	105549824	116101120	127713280	140484608
TRANSPORT	2496	2816	3072	3328	3712
On Premise Carbon FootPrint (kgCO2e)	97479728	107236864	117957632	129757440	142727104

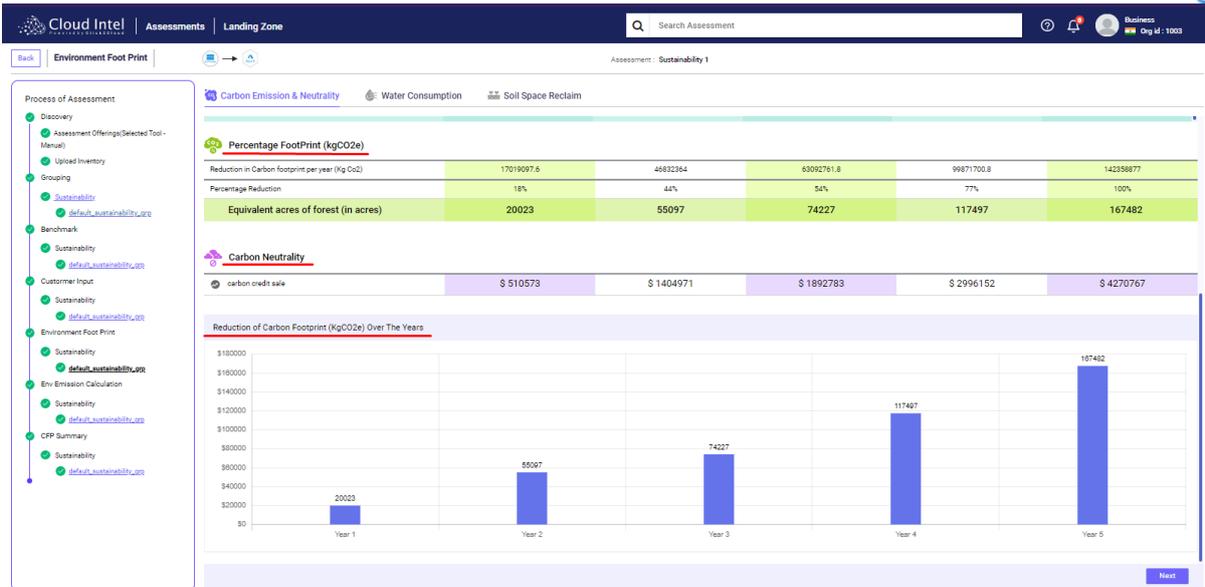
Azure Carbon FootPrint (kgCO2e)

TRANSPORT	1063	1199	1308	1417	1580
USE	11968082	13165657	12412939	4551484	0
Manufacturing	226853	249573	274520	301972	332174
END OF LIFE	188242	155707	114262	62941	34473
Carbon FootPrint (kgCO2e) on Azure	12384240	13572136	12803029	4917814	368227

Percentage FootPrint (kgCO2e)

Next

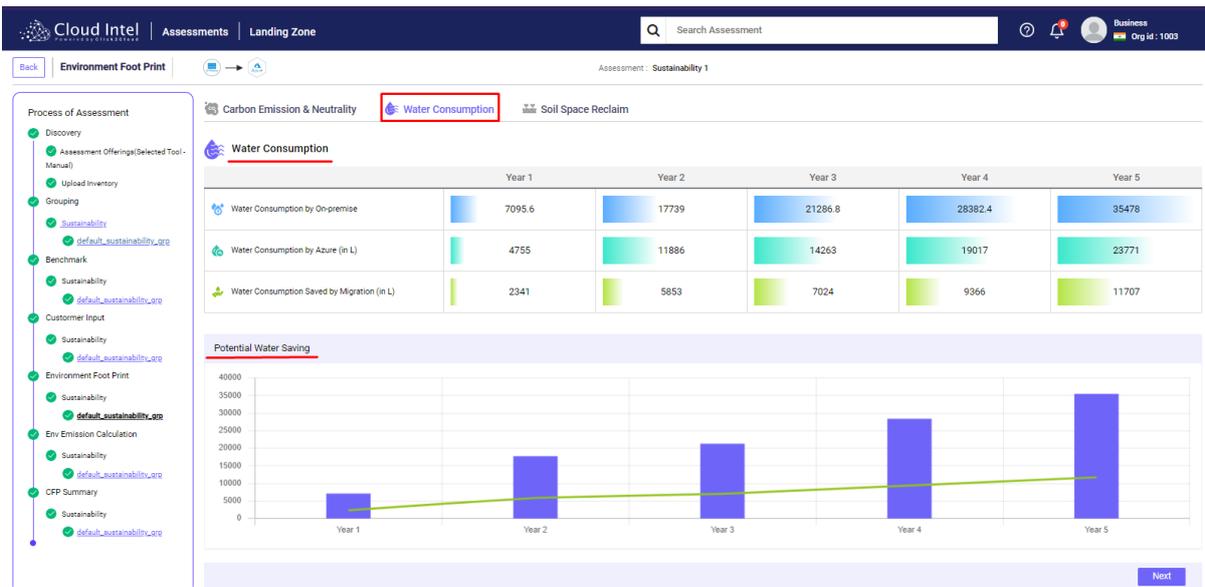
Users can view the 'Percentage Footprint' and 'Carbon Neutrality', along with graphical details of 'Reduction of Carbon Footprint over the Years'.



Click on the **Water Consumption** tab.

Water Consumption: -

The Water Consumption tab displays the tabular and graphical details of Water Consumption and Potential Water Saving respectively.



Click on the **Soil Space Reclaim** tab.

Soil Space Reclaim: -

Soil Space Reclaim is the process of improving lands to make them suitable for more intensive use

The Soil Space Reclaim tab shows and depicts the tabular and graphical details of Soil Space Reclaim

Cloud Intel | Assessments | Landing Zone | Search Assessment | Business | Org id: 1003

Back | Environment Foot Print | Assessment: Sustainability 1

Carbon Emission & Neutrality | Water Consumption | **Soil Space Reclaim**

Soil Space Reclaim

Office Space Reclaimed by migration	Year 1	Year 2	Year 3	Year 4	Year 5
	1	2	2	2	3

Soil Space Reclaim (Sqmt)

Next

Click on the **Next** button.

Cloud Intel | Assessments | Landing Zone | Search Assessment | Business | Org id: 1003

Back | Environment Foot Print | Assessment: Sustainability 1

Carbon Emission & Neutrality | Water Consumption | **Soil Space Reclaim**

Equivalent acres of forest (in acres)	20023	55097	74227	117497	167482
carbon credit sale	\$ 510573	\$ 1404971	\$ 1892783	\$ 2996152	\$ 4270767

Carbon Neutrality

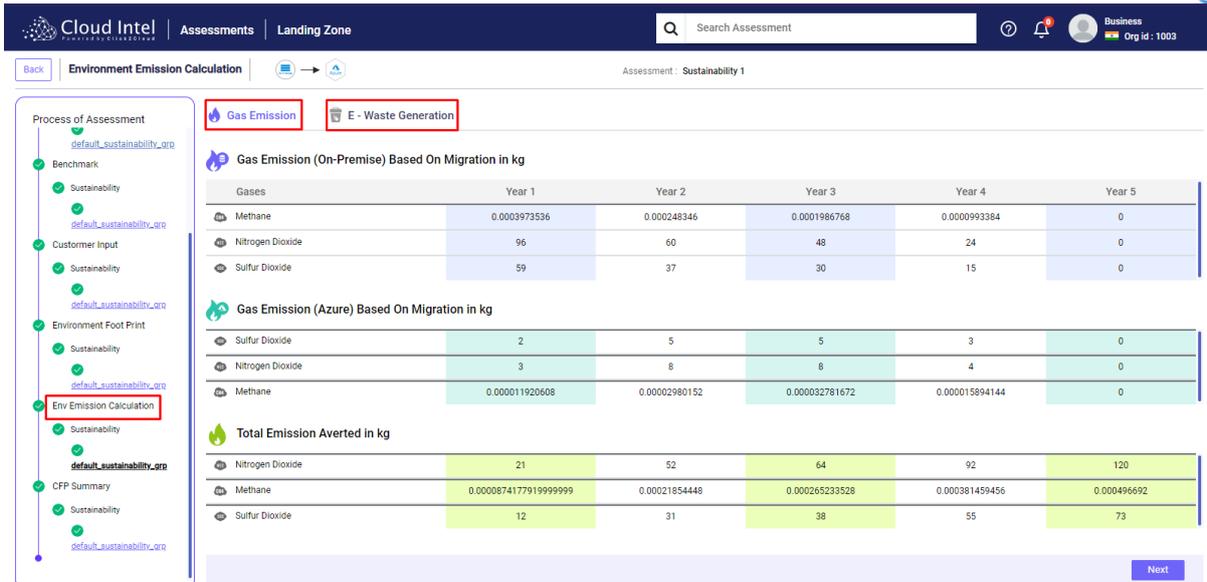
Reduction of Carbon Footprint (KgCO2e) Over The Years

Click on Next button → Next

After clicking on the **Next** button, the user is navigated to **Env Emission Calculation**.

Env Emission Calculation: -

The Environment Emission Calculation provides a detailed comparison of Gas Emission and E-Waste Generation for On-Premise and Azure.



Gas Emission (On-Premise) Based On Migration in kg

Gases	Year 1	Year 2	Year 3	Year 4	Year 5
Methane	0.0003973536	0.000248346	0.0001986768	0.0000993384	0
Nitrogen Dioxide	96	60	48	24	0
Sulfur Dioxide	59	37	30	15	0

Gas Emission (Azure) Based On Migration in kg

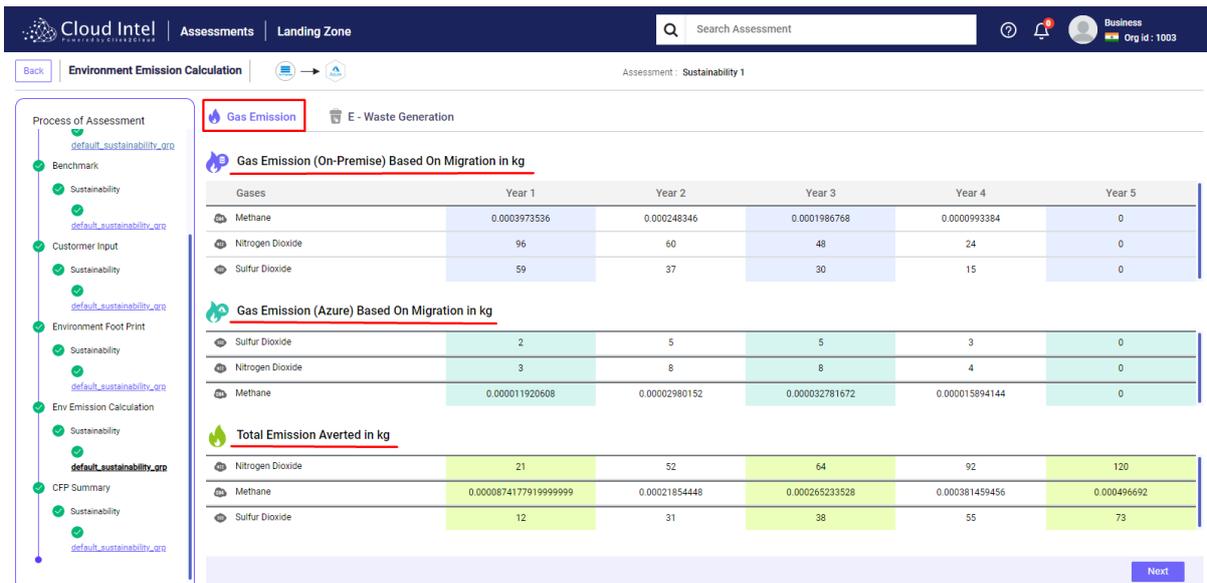
Sulfur Dioxide	2	5	5	3	0
Nitrogen Dioxide	3	8	8	4	0
Methane	0.000011920608	0.00002980152	0.000032781672	0.000015894144	0

Total Emission Averted in kg

Nitrogen Dioxide	21	52	64	92	120
Methane	0.0000874177919999999	0.00021854448	0.000265233528	0.000381459456	0.000496692
Sulfur Dioxide	12	31	38	55	73

Gas Emission: -

The Gas Emission tab displays the tabular details for Gas Emission comparison Based on Migration in (Kg) for On-Premise and Azure along with the Total Emission Averted details in (Kg) after migrating resources on Azure.



Gas Emission (On-Premise) Based On Migration in kg

Gases	Year 1	Year 2	Year 3	Year 4	Year 5
Methane	0.0003973536	0.000248346	0.0001986768	0.0000993384	0
Nitrogen Dioxide	96	60	48	24	0
Sulfur Dioxide	59	37	30	15	0

Gas Emission (Azure) Based On Migration in kg

Sulfur Dioxide	2	5	5	3	0
Nitrogen Dioxide	3	8	8	4	0
Methane	0.000011920608	0.00002980152	0.000032781672	0.000015894144	0

Total Emission Averted in kg

Nitrogen Dioxide	21	52	64	92	120
Methane	0.0000874177919999999	0.00021854448	0.000265233528	0.000381459456	0.000496692
Sulfur Dioxide	12	31	38	55	73

Click on the E-Waste Generation tab.

E-Waste Generation: -

The E-Waste Generation tab displays the comparison for the E-Waste generated from On-Premise and Azure along with the Total E-Waste Averted details after migrating resources on Azure.

Users can view graphical details of E-Waste Generation (in Kg).

Cloud Intel | Assessments | Landing Zone | Search Assessment | Business | Org id: 1003

Back | Environment Emission Calculation | Assessment: Sustainability 1

Process of Assessment: Benchmark, Customer Input, Environment Foot Print, Env Emission Calculation, CFP Summary

Gas Emission | **E - Waste Generation**

E - Waste Generation in kg

	Year 1	Year 2	Year 3	Year 4	Year 5
E- Waste Generated from On-Premise	12	8	6	3	0
E- Waste Generated from Azure	1	2	2	2	1
Total E- Waste Averted	2	5	7	10	14

E - Waste Generation (kg)

Next

Click on the Next button.

Cloud Intel | Assessments | Landing Zone | Search Assessment | Business | Org id: 1003

Back | Environment Emission Calculation | Assessment: Sustainability 1

Process of Assessment: Benchmark, Customer Input, Environment Foot Print, Env Emission Calculation, CFP Summary

Gas Emission | **E - Waste Generation**

E - Waste Generation in kg

	Year 1	Year 2	Year 3	Year 4	Year 5
E- Waste Generated from On-Premise	12	8	6	3	0
E- Waste Generated from Azure	1	2	2	2	1
Total E- Waste Averted	2	5	7	10	14

E - Waste Generation (kg)

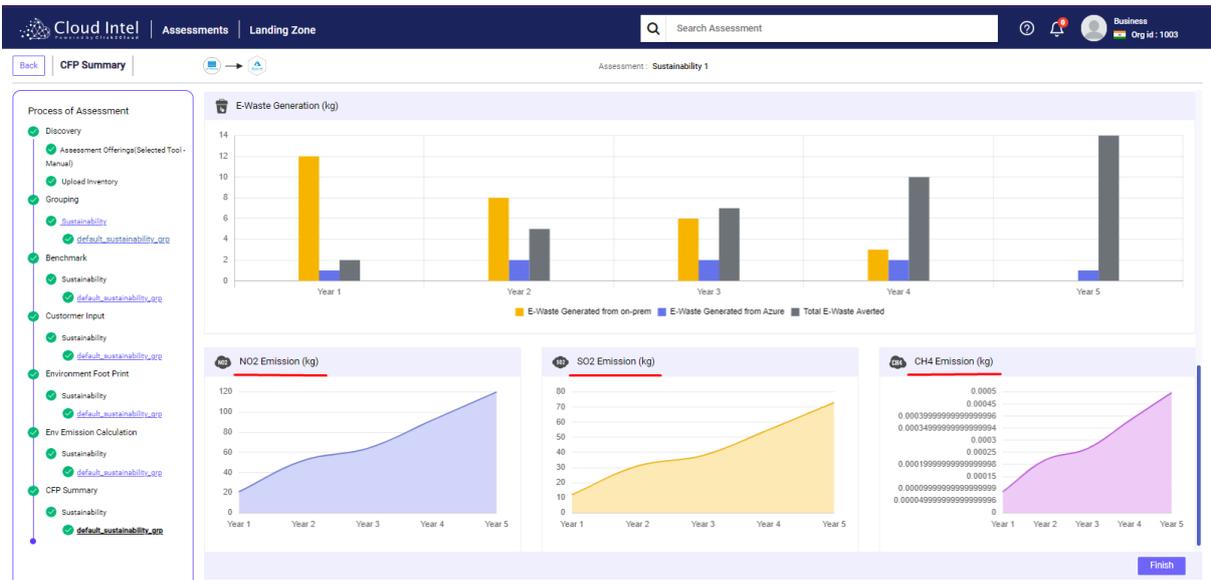
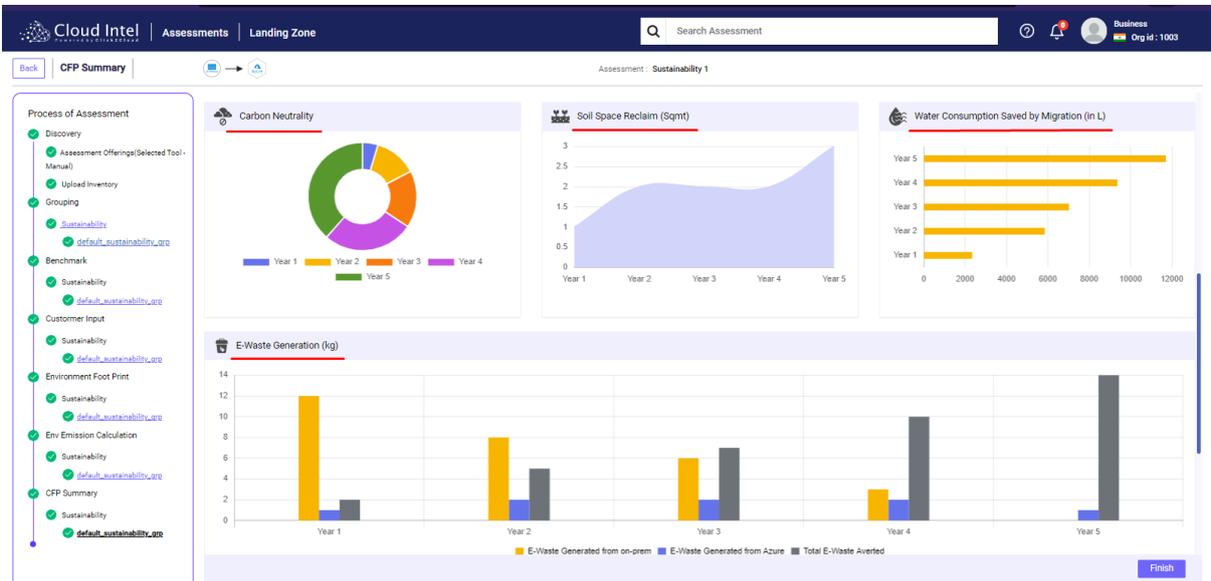
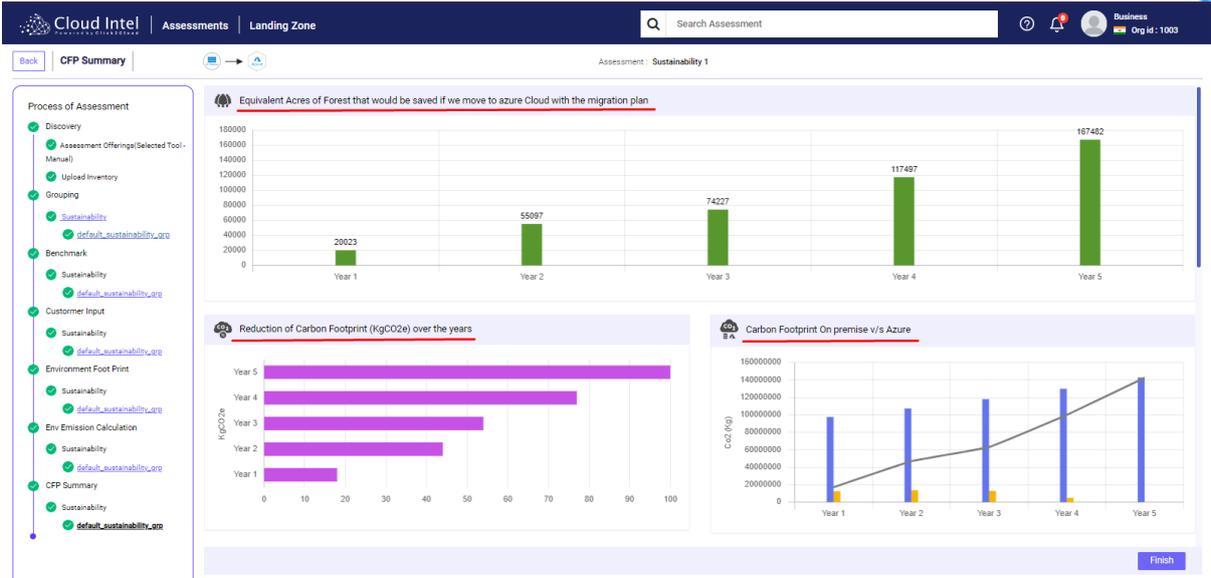
Click on Next button → Next

After clicking on the Next button, the user is navigated to the CFP summary page.

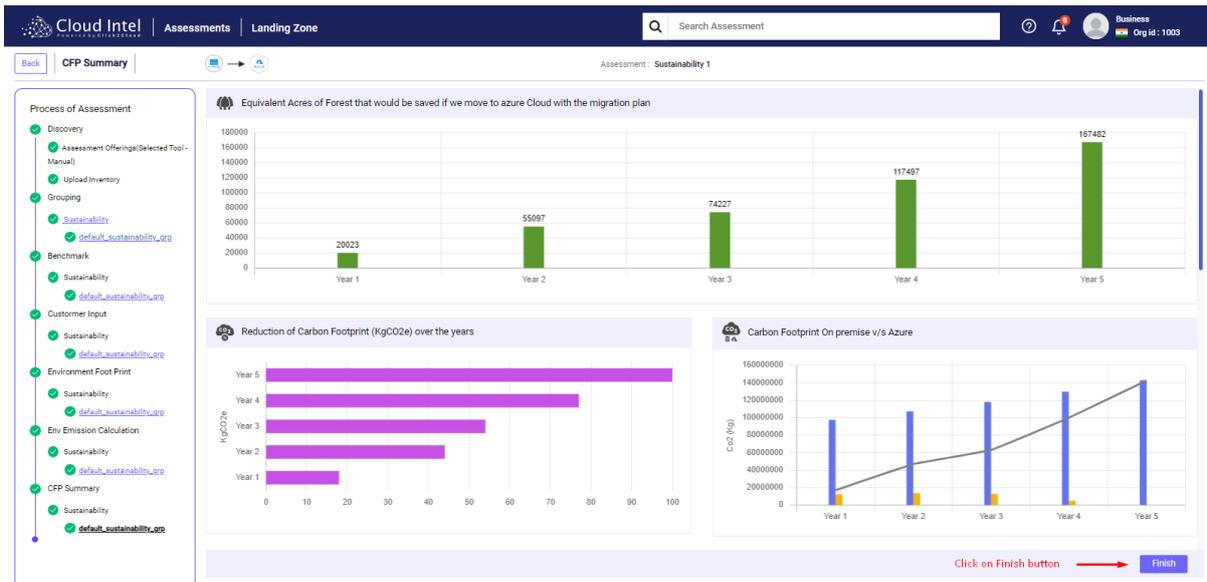
CFP Summary: -

The CFP Summary page describes the Carbon Footprint details.

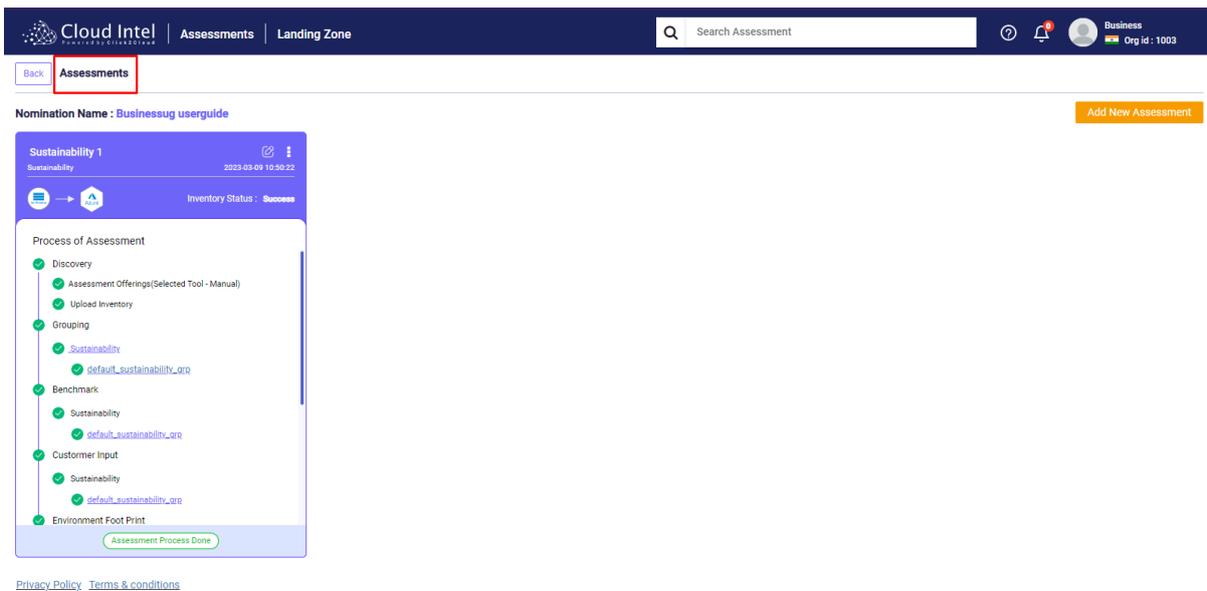
Users can view the Equivalent Acres of Forest that would be saved if we move to the Azure Cloud with the Migration Plan, Reduction of Carbon Footprint (KgCO2) over the years, Carbon Footprint On-Premise v/s Azure, Carbon Neutrality, Soil Space Reclaim (sqmt), Water Consumption saved by Migration (in L), E-Waste Generation (Kg), Nitrogen Dioxide Emission (kg), Sulfur Dioxide Emission(Kg) and Methane Emission (Kg) graphs respectively.



Click on the Finish button.



After clicking on the Finish button, the user is navigated to the Assessments page.



7.2 Edit Assessment Name

On the top right side of the assessment card, you can observe the 'Edit Icon'. With the help of this icon, the user can change the assessment name.

Assessment_1 Edit Assessment Name 

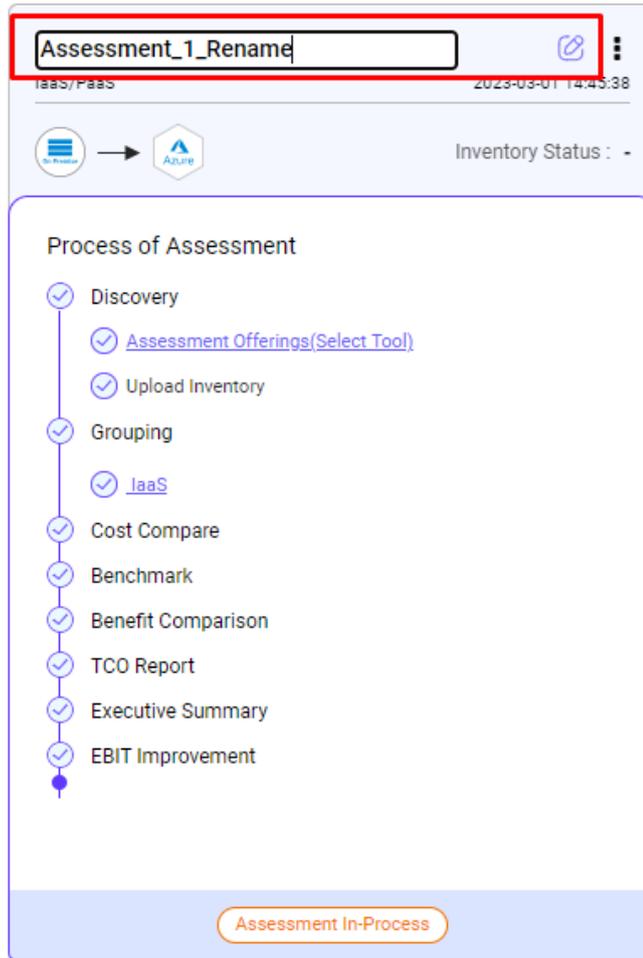
IaaS/PaaS 2023-03-01 14:45:38

 →  Inventory Status : -

Process of Assessment

- Discovery
 - Assessment Offerings(Select Tool)
 - Upload Inventory
- Grouping
 - IaaS
- Cost Compare
- Benchmark
- Benefit Comparison
- TCO Report
- Executive Summary
- EBIT Improvement

Assessment In-Process



Assessment_1_Rename

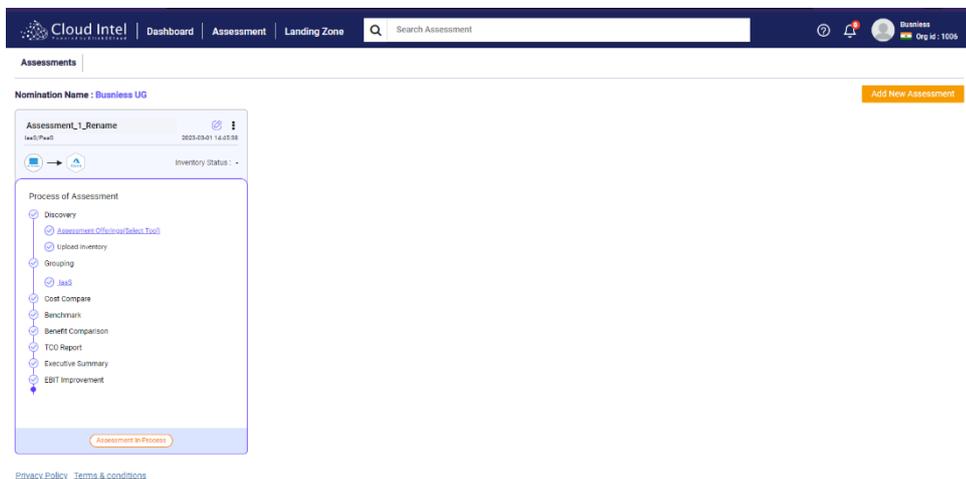
IaaS/PaaS 2023-03-01 14:43:38

Inventory Status : -

Process of Assessment

- Discovery
 - Assessment Offerings(Select Tool)
 - Upload Inventory
- Grouping
 - IaaS
- Cost Compare
- Benchmark
- Benefit Comparison
- TCO Report
- Executive Summary
- EBIT Improvement

Assessment In-Process



Cloud Intel | Dashboard | Assessment | Landing Zone | Search Assessment

Assessments

Nomination Name : Business UG

Assessment_1_Rename

IaaS/PaaS 2023-03-01 14:43:38

Inventory Status : -

Process of Assessment

- Discovery
 - Assessment Offerings(Select Tool)
 - Upload Inventory
- Grouping
 - IaaS
- Cost Compare
- Benchmark
- Benefit Comparison
- TCO Report
- Executive Summary
- EBIT Improvement

Assessment In-Process

[Privacy Policy](#) [Terms & conditions](#)

7.3 Delete an Assessment

To delete an Assessment, click on the Ellipses icon in the upper right corner.

Back Assessments

Nomination Name: Business Development

Add New Assessment

App_Modernization 2023-03-09 12:00:11

Inventory Status: -

Process of Assessment

- Discovery
 - Assessment Offerings>Select Tool
 - Upload Inventory
 - App Complexity
- Grouping
 - Cost Compare
 - Benchmark
 - Benefit Comparison
 - TCO Report
 - Executive Summary
 - Sustainability Calculator Coming Soon

Assessment In-Process

Click on the Ellipses

Privacy Policy Terms & conditions

Click on the Delete option.

Back Assessments

Nomination Name: Business Development

Add New Assessment

App_Modernization 2023-03-09 12:00:11

Inventory Status: -

Process of Assessment

- Discovery
 - Assessment Offerings>Select Tool
 - Upload Inventory
 - App Complexity
- Grouping
 - Cost Compare
 - Benchmark
 - Benefit Comparison
 - TCO Report
 - Executive Summary
 - Sustainability Calculator Coming Soon

Assessment In-Process

Delete

Privacy Policy Terms & conditions

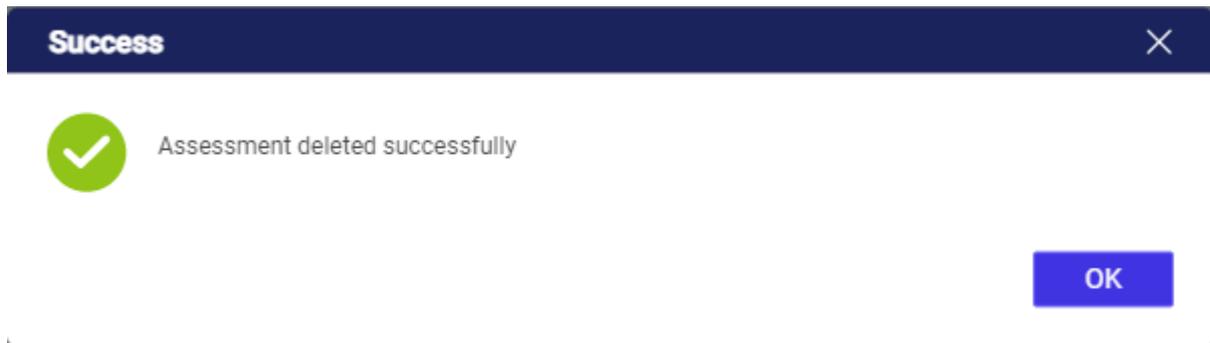
A confirmation pop-up will generate, click on the 'YES' button.

Are you sure?

Do you want to delete this assessment?

No Yes

Click on the 'OK' button on the Success pop-up. The assessment is deleted successfully.



Process of Assessment

8. Discovery

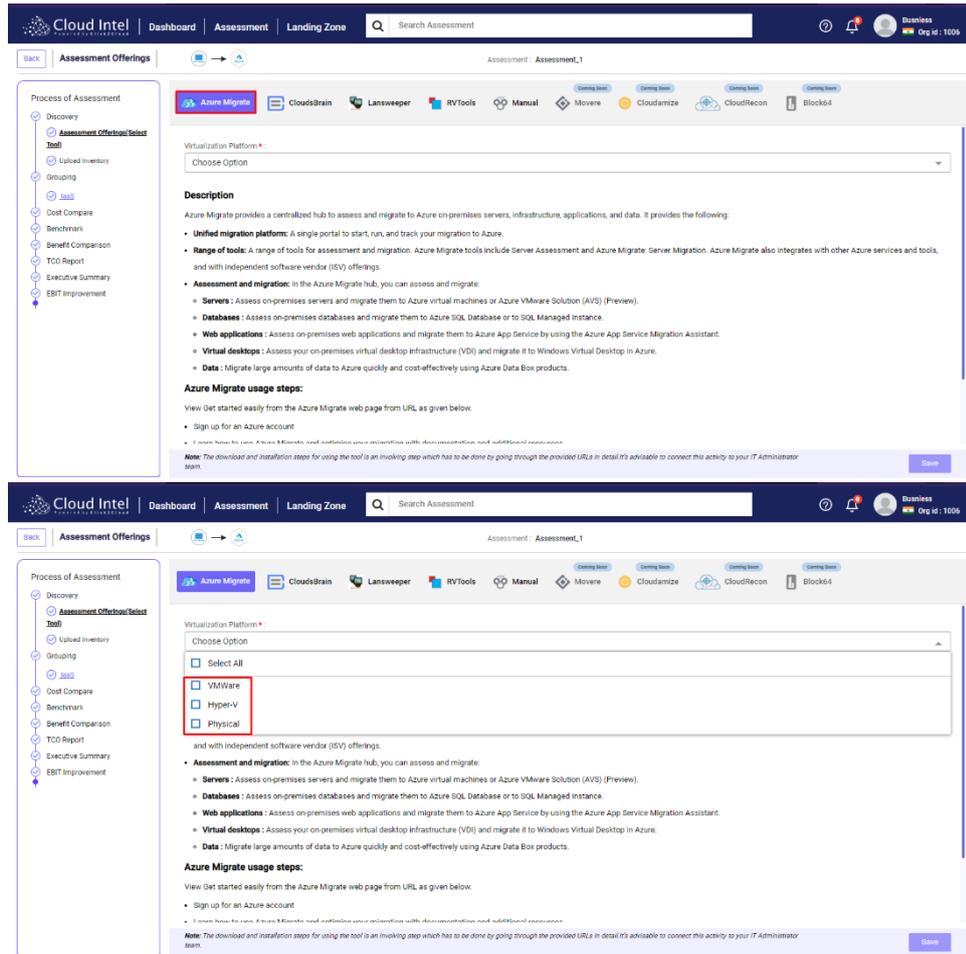
8.1 Assessment Offerings (Selected Tool - Azure-Migrate)

Click on 'Select Tool'.

This will take you to the 'Select Tool' page. This page displays a list of various tools that you can use for discovery.

On selecting the tool, the panel describes how to use the tool. Instructions for this are provided in the description for each tool.

Select the tool, then select Source Server and click on the 'Save' button.



Cloud Intel | Dashboard | Assessment | Landing Zone | Search Assessment

Assessment: Assessment_1

Assessment Offerings

Process of Assessment

- Discovery
- Assessment Offerings/Select Tool
- Upload Inventory
- Grouping
- Cost Compute
- Benchmark
- Benefit Comparison
- TCO Report
- Executive Summary
- EBIT Improvement

Virtualization Platform

Choose Option

Description

Azure Migrate provides a centralized hub to assess and migrate to Azure on-premises servers, infrastructure, applications, and data. It provides the following:

- Unified migration platform:** A single portal to start, run, and track your migration to Azure.
- Range of tools:** A range of tools for assessment and migration. Azure Migrate tools include Server Assessment and Azure Migrate: Server Migration. Azure Migrate also integrates with other Azure services and tools, and with independent software vendor (ISV) offerings.
- Assessment and migration:** In the Azure Migrate hub, you can assess and migrate:
 - Servers:** Assess on-premises servers and migrate them to Azure virtual machines or Azure VMware Solution (AVS) (Preview).
 - Databases:** Assess on-premises databases and migrate them to Azure SQL Database or to SQL Managed Instance.
 - Web applications:** Assess on-premises web applications and migrate them to Azure App Service by using the Azure App Service Migration Assistant.
 - Virtual desktops:** Assess your on-premises virtual desktop infrastructure (VDI) and migrate it to Windows Virtual Desktop in Azure.
 - Data:** Migrate large amounts of data to Azure quickly and cost-effectively using Azure Data Box products.

Azure Migrate usage steps:

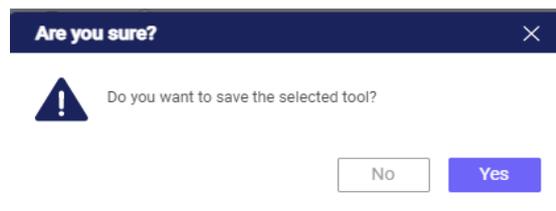
View Get started easily from the Azure Migrate web page from URL as given below:

- Sign up for an Azure account

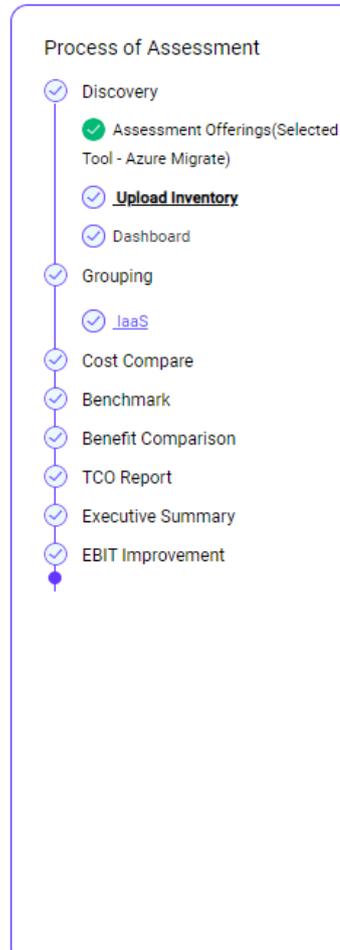
Note: The download and installation steps for using the tool is an involving step which has to be done by going through the provided URLs. In detail it's advisable to connect this activity to your IT Administrator team.

Save

Clicking on the 'Yes' Button on the confirmation pop-up.



The name of the selected tool gets added to your Assessment card as shown in the image.



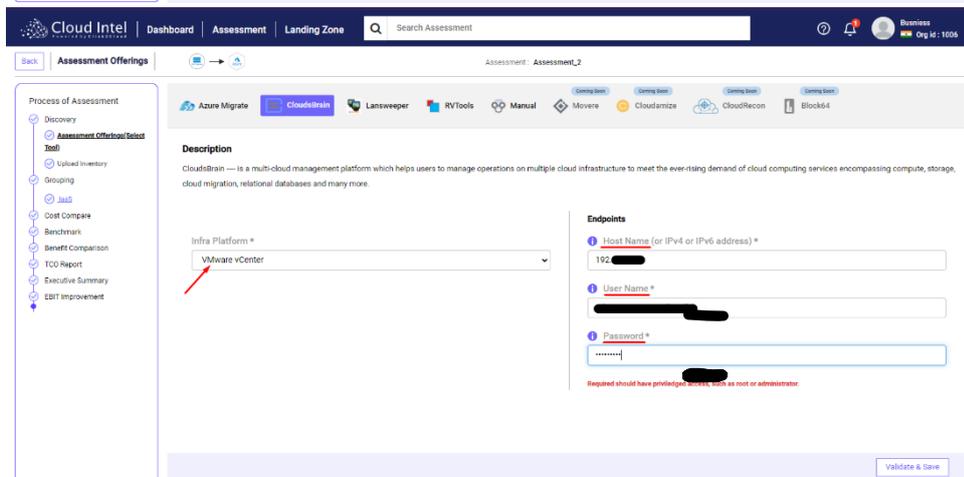
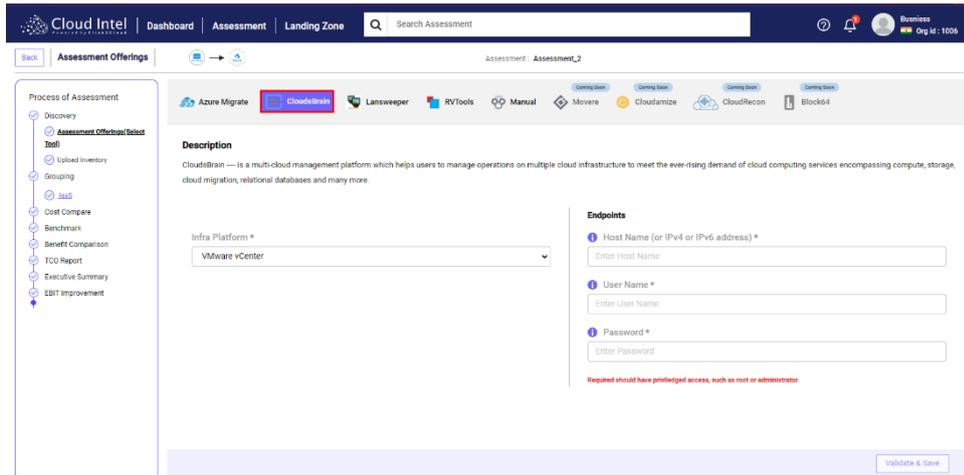
8.2 Assessment Offerings (Select Tool - Clouds Brain)

Click on the 'Select Tool' option.

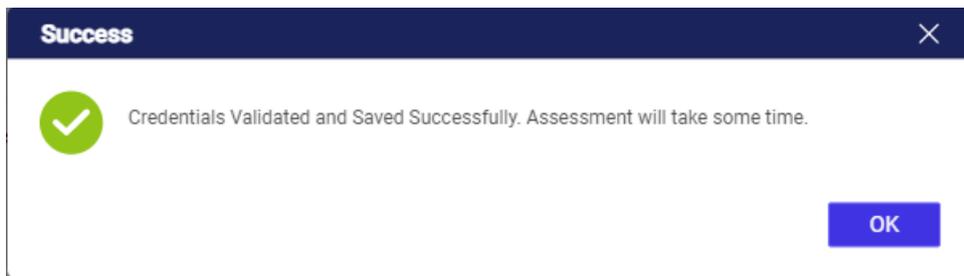
This takes you to the 'Select Tool' page. This page displays a list of various tools that you can use for discovery and assessment.

On selecting the tool, the **Description** panel describes the tool.

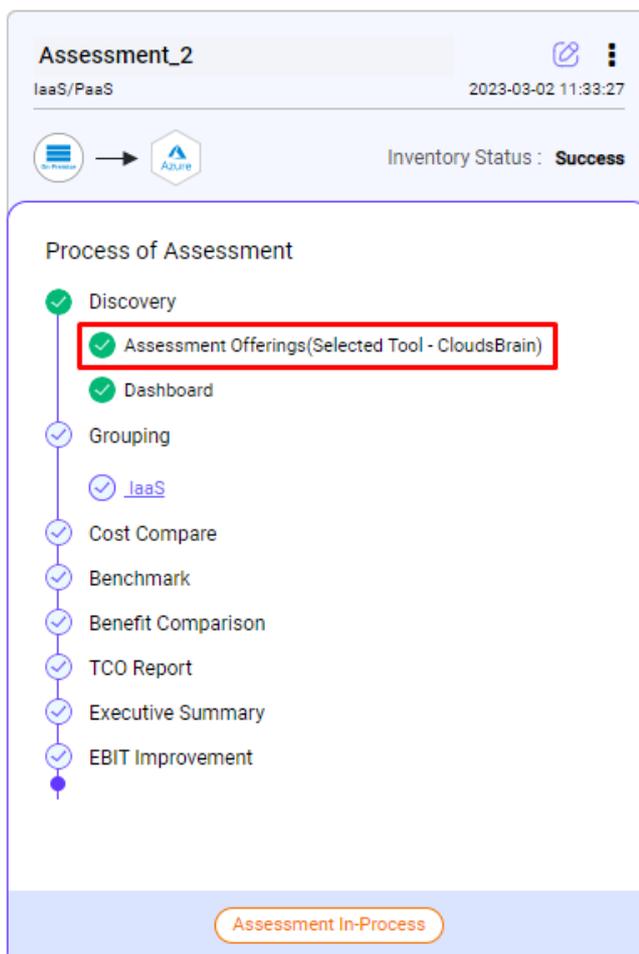
Select the CloudsBrain tool, then select Source Server from the Infra Platform dropdown box and enter the Endpoints Details. Click on the '**Validate & Save**' button.



After validating credentials, a Success pop-up will appear. Click on the 'OK' button on the Success pop-up.



The name of the selected tool gets added to your Assessment card as shown in the image.



8.3 Assessment Offerings (Select Tool - Lansweeper)

Lansweeper provides you with advanced IT asset discovery and recognition capabilities that leave no room for blind spots.

You can easily create a complete and up-to-date overview of your entire IT network with Lansweeper.

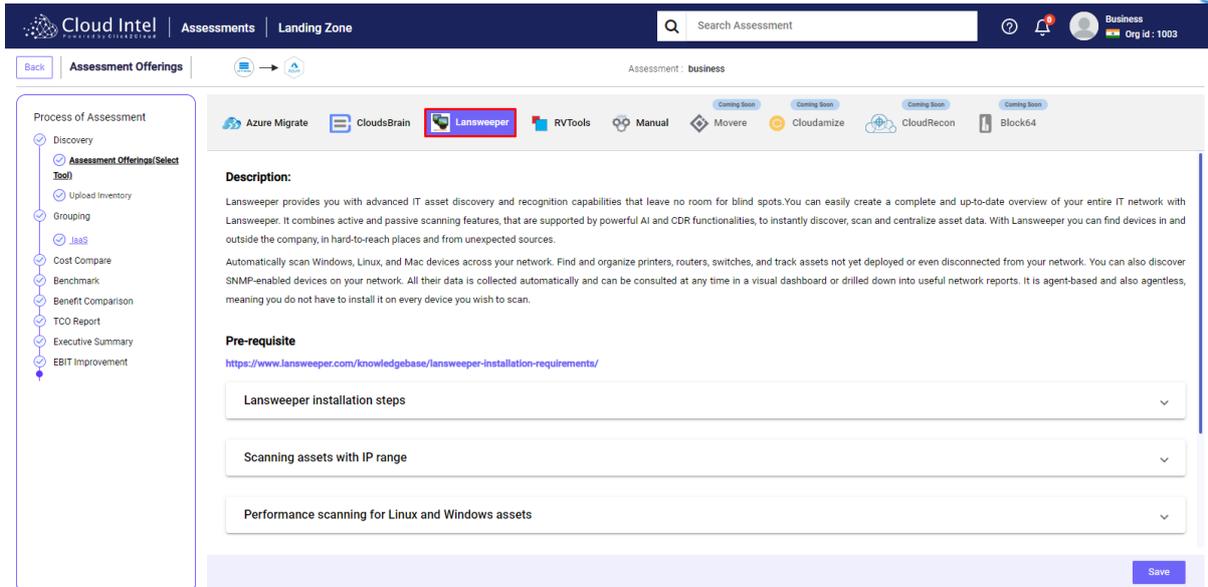
It combines active and passive scanning features, that are supported by powerful AI and CDR functionalities, to instantly discover, scan and centralize asset data. With Lansweeper you can find devices in and outside the company, in hard-to-reach places, and from unexpected sources.

Click on 'Select Tool'.

This will take you to the 'Select Tool' page. This page displays a list of various tools that you can use for discovery.

On selecting the tool, the panel describes how to use the tool. Instructions for this are provided in the description for each tool.

Select the tool, then select Source Server and click on the 'Save' button.



Cloud Intel | Assessments | Landing Zone

Search Assessment

Assessment: business

Back | Assessment Offerings

Process of Assessment

- Discovery
 - Assessment Offerings/Select Tool
 - Upload Inventory
- Grouping
 - Jaas
- Cost Compare
- Benchmark
- Benefit Comparison
- TCO Report
- Executive Summary
- EBIT Improvement

Azure Migrate | CloudsBrain | **Lansweeper** | RVTools | Manual | Move | Cloudamize | CloudRecon | Block64

Description:

Lansweeper provides you with advanced IT asset discovery and recognition capabilities that leave no room for blind spots. You can easily create a complete and up-to-date overview of your entire IT network with Lansweeper. It combines active and passive scanning features, that are supported by powerful AI and CDR functionalities, to instantly discover, scan and centralize asset data. With Lansweeper you can find devices in and outside the company, in hard-to-reach places and from unexpected sources.

Automatically scan Windows, Linux, and Mac devices across your network. Find and organize printers, routers, switches, and track assets not yet deployed or even disconnected from your network. You can also discover SNMP-enabled devices on your network. All their data is collected automatically and can be consulted at any time in a visual dashboard or drilled down into useful network reports. It is agent-based and also agentless, meaning you do not have to install it on every device you wish to scan.

Pre-requisite

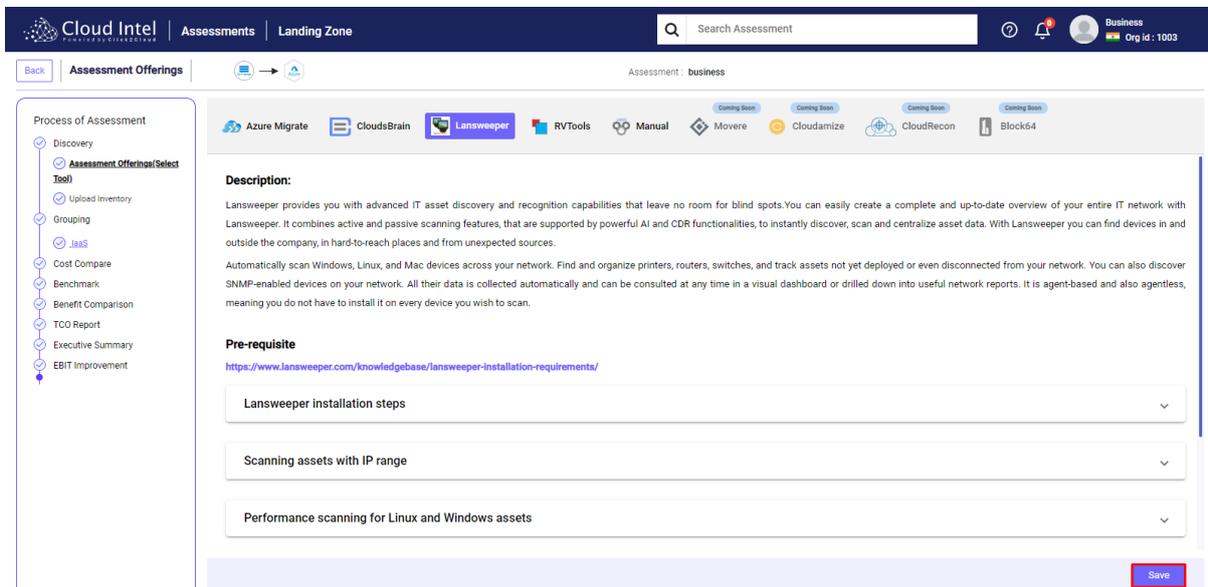
<https://www.lansweeper.com/knowledgebase/lansweeper-installation-requirements/>

Lansweeper installation steps

Scanning assets with IP range

Performance scanning for Linux and Windows assets

Save



Cloud Intel | Assessments | Landing Zone

Search Assessment

Assessment: business

Back | Assessment Offerings

Process of Assessment

- Discovery
 - Assessment Offerings/Select Tool**
 - Upload Inventory
- Grouping
 - Jaas
- Cost Compare
- Benchmark
- Benefit Comparison
- TCO Report
- Executive Summary
- EBIT Improvement

Azure Migrate | CloudsBrain | **Lansweeper** | RVTools | Manual | Move | Cloudamize | CloudRecon | Block64

Description:

Lansweeper provides you with advanced IT asset discovery and recognition capabilities that leave no room for blind spots. You can easily create a complete and up-to-date overview of your entire IT network with Lansweeper. It combines active and passive scanning features, that are supported by powerful AI and CDR functionalities, to instantly discover, scan and centralize asset data. With Lansweeper you can find devices in and outside the company, in hard-to-reach places and from unexpected sources.

Automatically scan Windows, Linux, and Mac devices across your network. Find and organize printers, routers, switches, and track assets not yet deployed or even disconnected from your network. You can also discover SNMP-enabled devices on your network. All their data is collected automatically and can be consulted at any time in a visual dashboard or drilled down into useful network reports. It is agent-based and also agentless, meaning you do not have to install it on every device you wish to scan.

Pre-requisite

<https://www.lansweeper.com/knowledgebase/lansweeper-installation-requirements/>

Lansweeper installation steps

Scanning assets with IP range

Performance scanning for Linux and Windows assets

Save

Click on the 'Ok' button on Created Scenario popup.



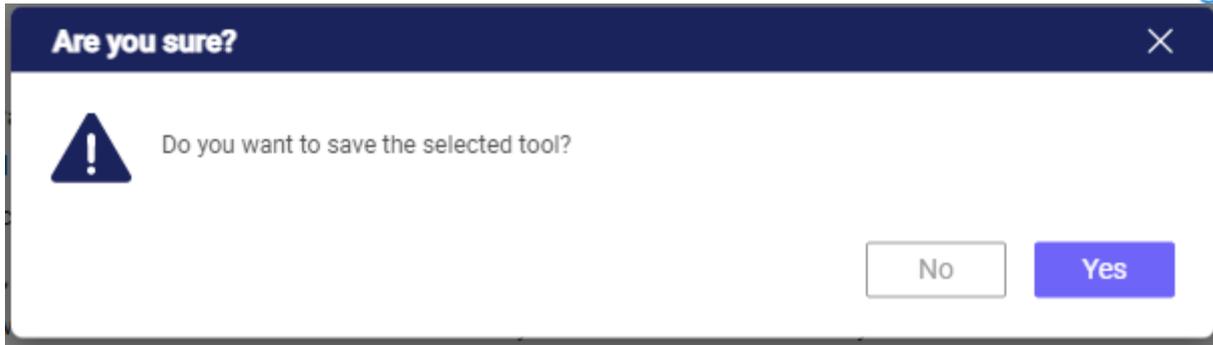
Created Scenario

Source : On-Prem

Tool : Lansweeper

OK

Clicking on the 'OK' Button on the confirmation pop-up.



The name of the selected tool gets added to your Assessment card as shown in the image.



8.4 Assessment Offerings (Select Tool - RVTools)

RVTools is a Windows .NET (4.6.1 or higher) application that uses VMware vSphere Management SDK 7.0U3 and CIS REST API to display information about your virtual environments.

Interacting with VirtualCenter 4.x, ESX Server 4.x, VirtualCenter 5.x, ESX Server 5.x, VirtualCenter 6.x, ESX Server 6.x, VirtualCenter 7.0 and ESX server 7.0 RVTools can list information about VMs, CPU, Memory, Disks, Partitions, Network, CD drives, USB devices. Snapshots, VMware tools, vCenter, Resource pools, Clusters, ESX hosts, HBAs, Nics, Switches, Ports, Distributed Switches, Distributed Ports, Service consoles, VM Kernels, Datastores, multipath info, license info, and health checks.

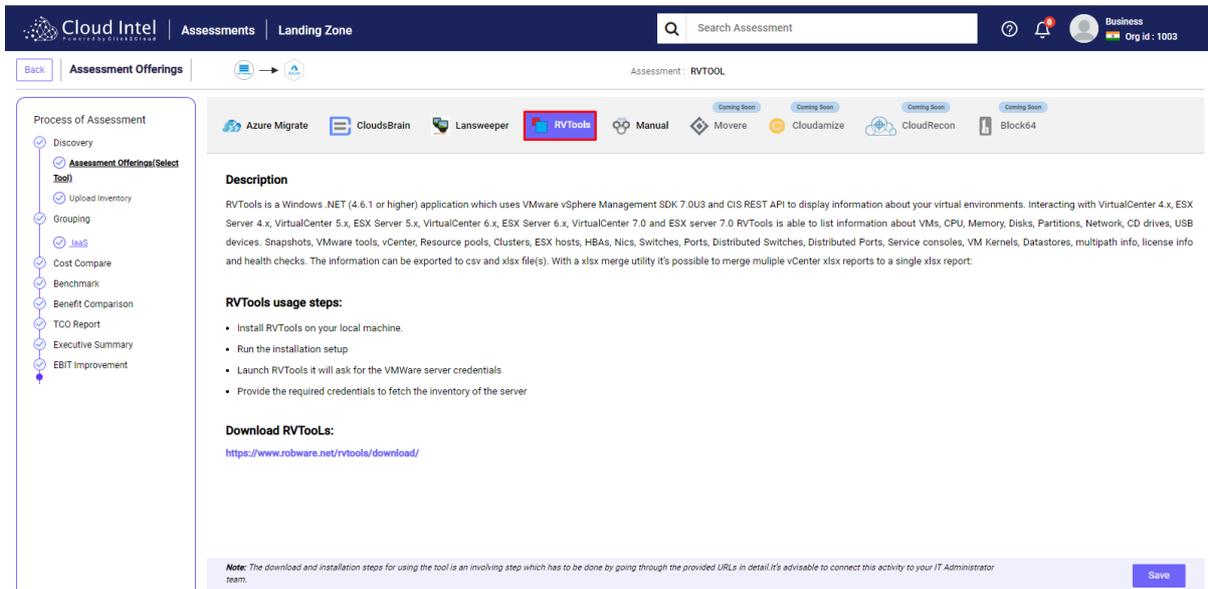
The information can be exported to CSV and xlsx file(s). With a xlsx merge utility it's possible to merge multiple vCenter xlsx reports to a single xlsx report:

Click on 'Select Tool'.

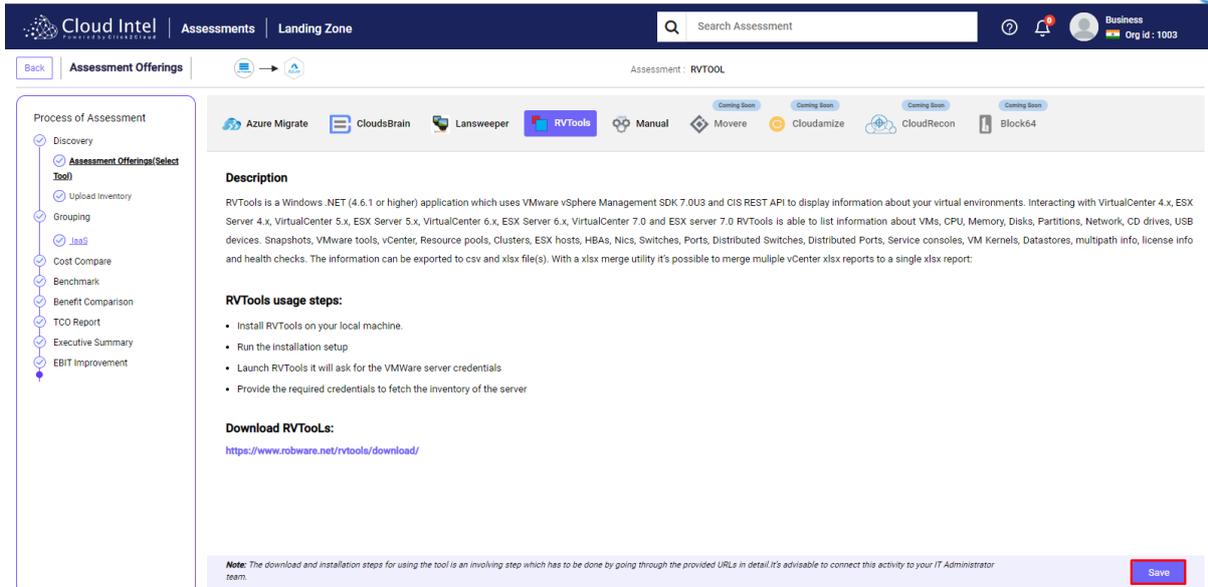
This will take you to the 'Select Tool' page. This page displays a list of various tools that you can use for discovery.

On selecting the tool, the panel describes how to use the tool. Instructions for this are provided in the description for each tool.

Select the tool, then select Source Server and click on the 'Save' button.



The screenshot shows the Cloud Intel Assessment Offerings page for the RVTools tool. The page is titled "Assessment Offerings" and "Assessment: RVTOOL". The left sidebar shows the "Process of Assessment" with steps: Discovery, Assessment Offerings (Select Tool), Upload Inventory, Grouping, JaaS, Cost Compare, Benchmark, Benefit Comparison, TCO Report, Executive Summary, and EBIT Improvement. The main content area displays the "Description" of RVTools, "RVTools usage steps" (Install RVTools on your local machine, Run the installation setup, Launch RVTools with VMWare server credentials, Provide required credentials to fetch the inventory), and "Download RVTools" with a link to <https://www.robware.net/rvtools/download/>. A "Save" button is visible at the bottom right.



The screenshot shows the 'Assessment Offerings' page for 'RVTools'. On the left is a 'Process of Assessment' sidebar with steps: Discovery, Assessment Offerings (Selected), Upload Inventory, Grouping, JaaS, Cost Compare, Benchmark, Benefit Comparison, TCO Report, Executive Summary, and EBIT Improvement. The main content area includes a toolbar with 'RVTools' selected, a 'Description' section explaining the tool's purpose, 'RVTools usage steps' (install, run setup, launch, provide credentials), and a 'Download RVTools' link. A 'Save' button is visible at the bottom right.

Click on the 'Ok' button on Created Scenario popup.

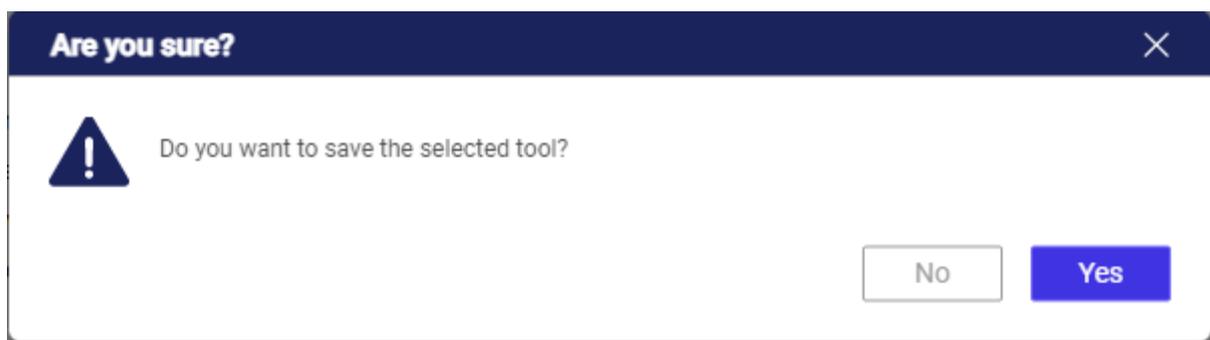


The 'Created Scenario' popup shows the following details:

- Source : On-Prem
- Tool : RVTools

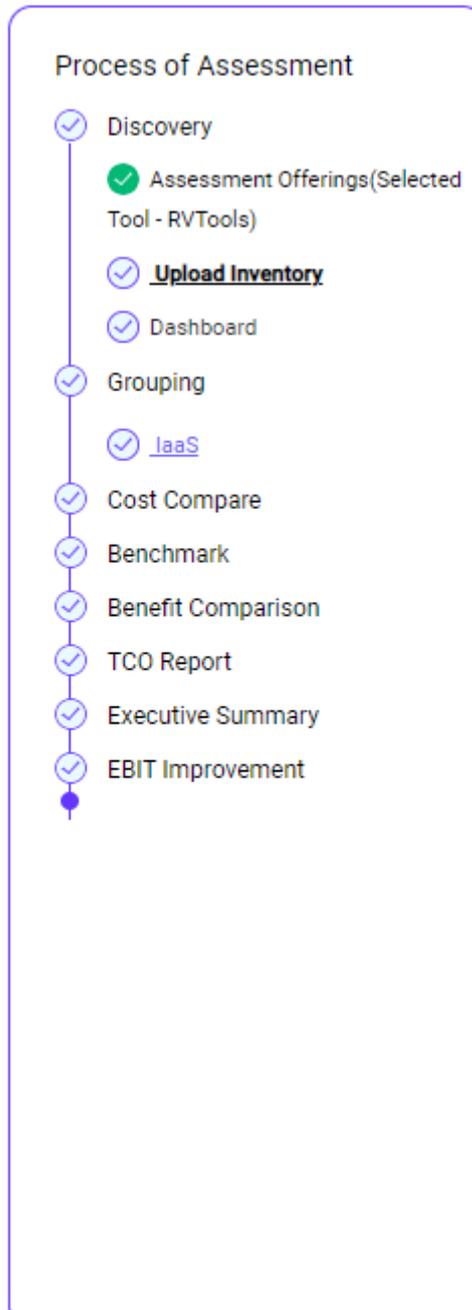
An 'OK' button is located at the bottom right of the popup.

Clicking on the 'OK' Button on the confirmation pop-up.



The 'Are you sure?' dialog features a warning icon and the text: 'Do you want to save the selected tool?'. It includes 'No' and 'Yes' buttons at the bottom right.

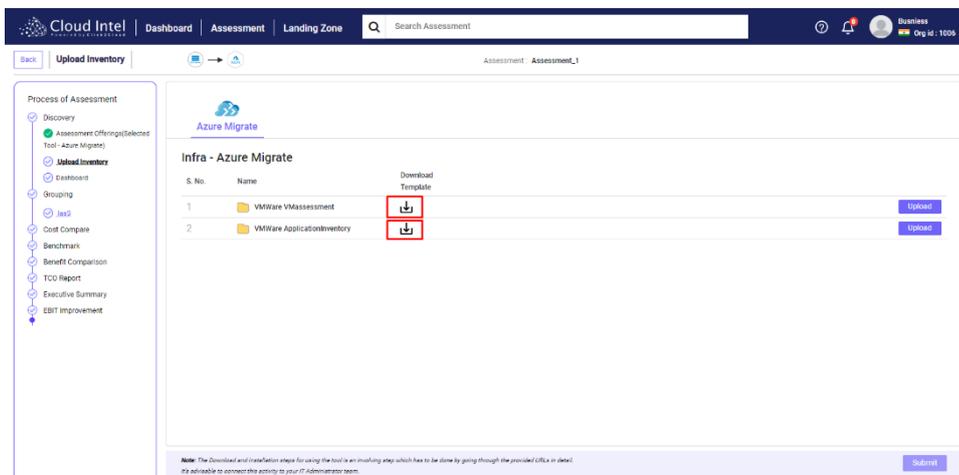
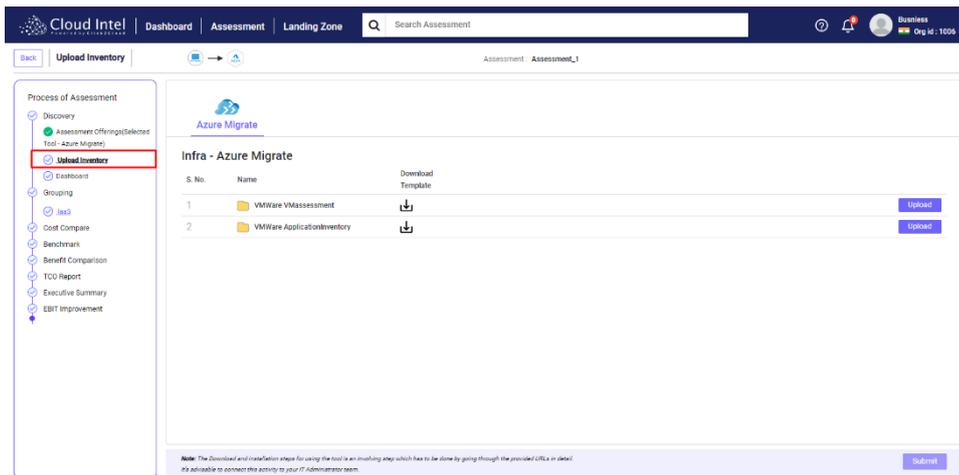
The name of the selected tool gets added to your Assessment card as shown in the image.



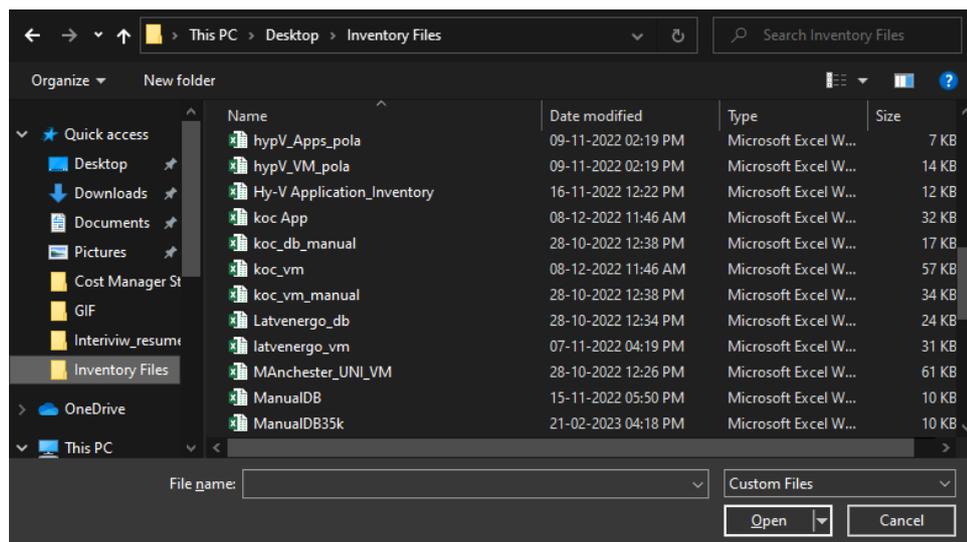
8.5 Upload Inventory

Click on the **'Upload Inventory'** option.
The flow takes you to the Upload Inventory page.

On this page, you can download the sample files for the **Application Inventory** and **VM Assessment**. You can upload the original files with proper data and file format by clicking on the Upload button.



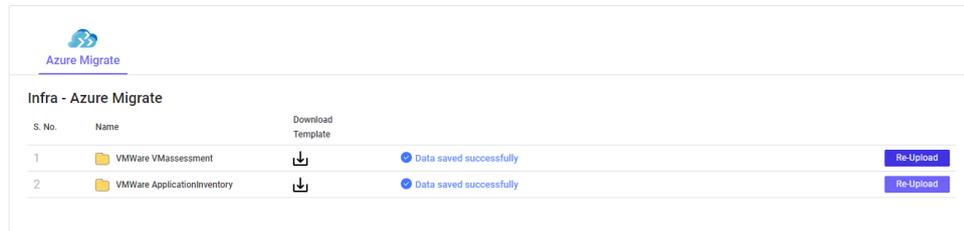
After clicking on the 'Upload' button, you need to select the files from your machine.



Select the appropriate files.

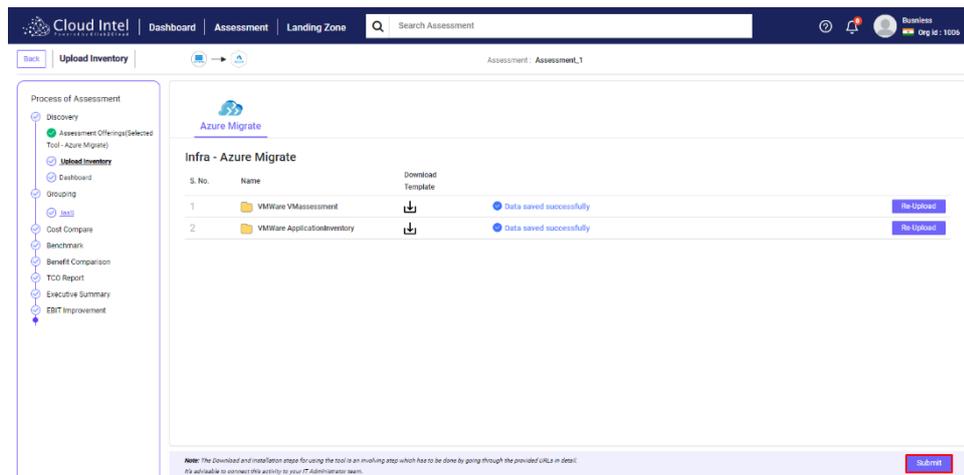
If validation fails, you need to check the files being uploaded. Verify it against the sample template and click on the 'Re-Upload' button to re-upload the files.

Once successfully uploaded, the success message is shown beside the file as 'Data saved successfully'.



S. No.	Name	Download Template		
1	VMWare VMAssessment		● Data saved successfully	Re-Upload
2	VMWare ApplicationInventory		● Data saved successfully	Re-Upload

Click on the 'Submit' button.



Cloud Intel | Dashboard | Assessment | Landing Zone | Search Assessment

Business Org id: 1006

Back | Upload Inventory | Assessment: Assessment_1

Process of Assessment

- Discovery
 - Assessment Offerings/Selected Tool - Azure Migrate
 - Upload Inventory**
 - Dashboard
- Grouping
- Cost Compare
- Benchmark
- Benefit Comparison
- TCO Report
- Executive Summary
- EBIT Improvement

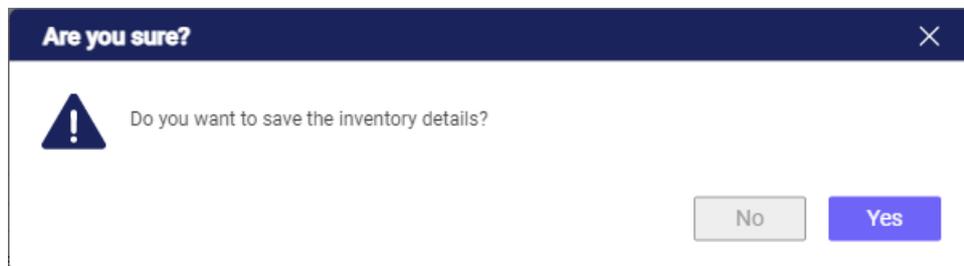
Infra - Azure Migrate

S. No.	Name	Download Template		
1	VMWare VMAssessment		● Data saved successfully	Re-Upload
2	VMWare ApplicationInventory		● Data saved successfully	Re-Upload

Note: The download and installation steps for using the tool is an involving step which has to be done by going through the provided URL's in detail. It is advisable to contact the activity to your IT Administrator team.

[Submit](#)

A confirmation pop-up will generate, click on the 'YES' button.

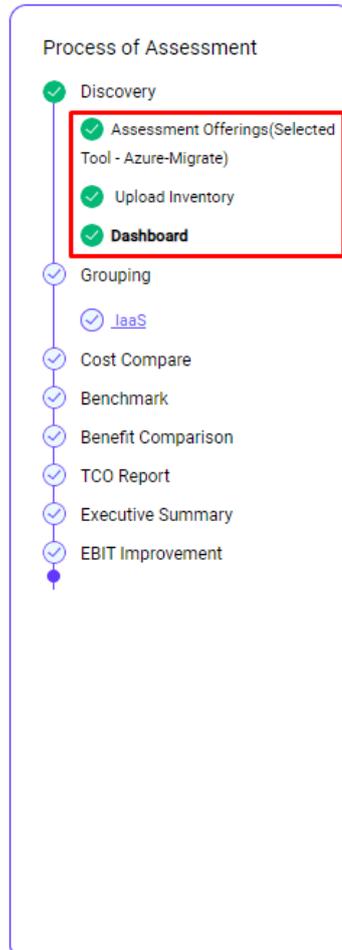


Are you sure? ✕

 Do you want to save the inventory details?

[No](#) [Yes](#)

The flow goes back to the Assessment card and the 'Upload Inventory' selection changes to green.



8.6 Dashboard: -

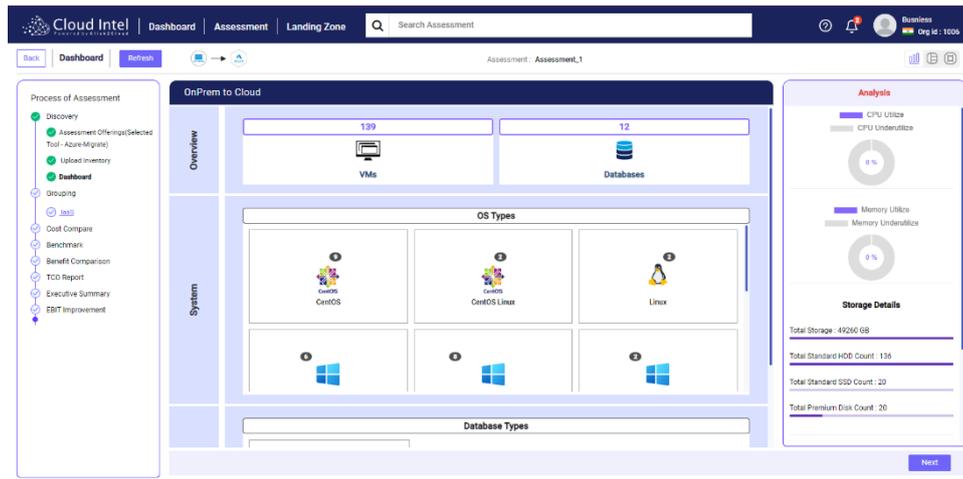
Click on the 'Dashboard' option.

The screenshot shows the Cloud Intel dashboard interface. At the top, there is a navigation bar with "Cloud Intel", "Dashboard", "Assessment", and "Landing Zone" tabs. A search bar and user profile are also visible. Below the navigation bar, the "Assessments" section is active, showing "Nomination Name : Business UG" and an "Add New Assessment" button. The main content area displays a card for "Assessment_1" with a "Success" status. Inside this card, the "Process of Assessment" flowchart is shown, with the "Dashboard" step highlighted by a red box. At the bottom of the card, there is an "Assessment In-Process" button. The footer contains "Privacy Policy" and "Terms & conditions" links.

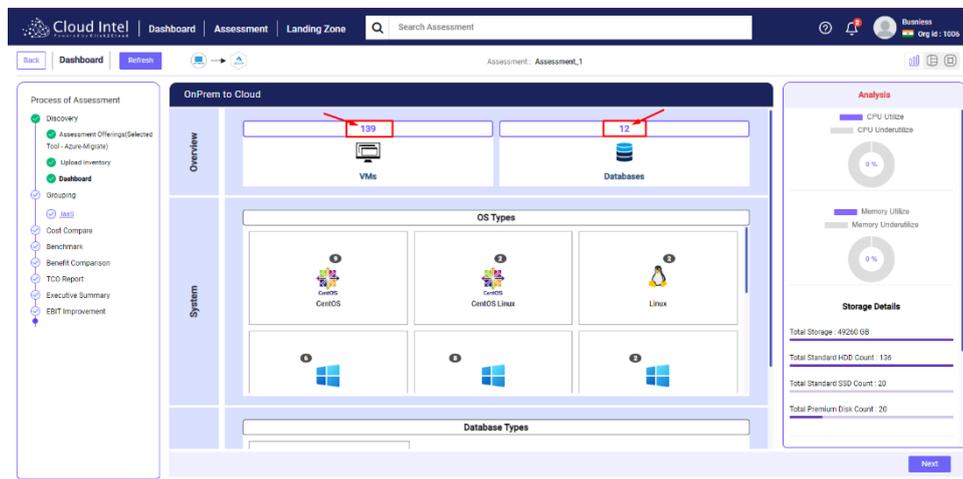
The flow takes you to the **'Discovery Dashboard'** page where you can see all details related to VMs, and Databases present in the uploaded files.

In that, you can see the count of VMs and Databases present in the discovered inventory. It shows the OS types of VMs (Windows, Linux, and Others) and counts as well as Database types and counts.

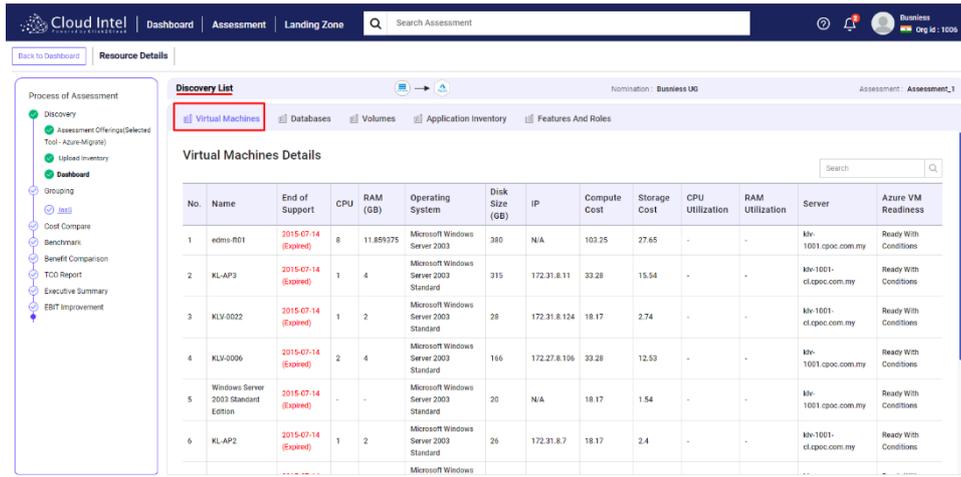
On the right side, you can observe **'CPU Utilization'** and **'Memory Utilization'**, **'Storage Details'**, and **'Database Details'**.



If the user wants to see the list of VMs or Databases which are shown on the dashboard, then the user has to click on the VM count link or database count link.



The Discovery list page gets opened where you can see all details. Click on the **Virtual Machines** tab to see listed VMs present in infra.

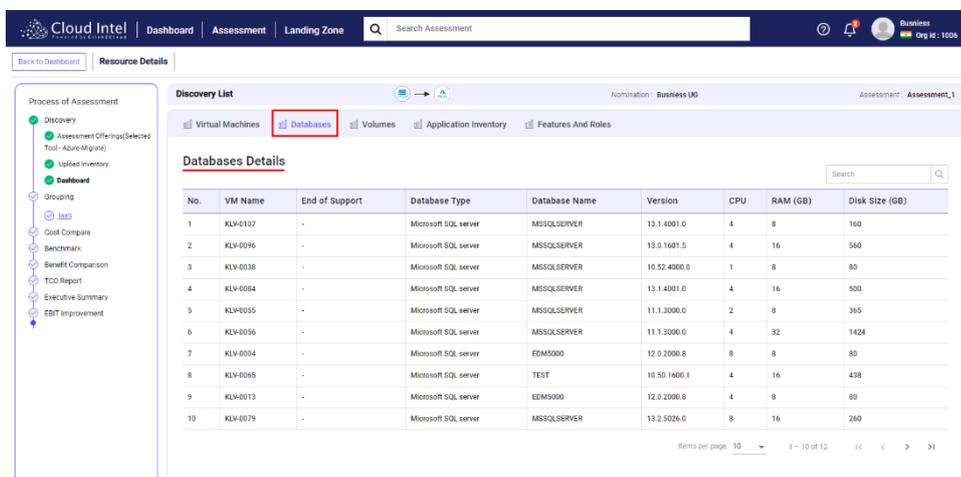


Discovery List | Nomination: Business UG | Assessment: Assessment_1

Virtual Machines Details

No.	Name	End of Support	CPU	RAM (GB)	Operating System	Disk Size (GB)	IP	Compute Cost	Storage Cost	CPU Utilization	RAM Utilization	Server	Azure VM Readiness
1	edms-001	2015-07-14 (Expired)	8	11.859375	Microsoft Windows Server 2003	380	N/A	103.25	27.65	-	-	klv-1001.cpsc.com.my	Ready With Conditions
2	KL-AP3	2015-07-14 (Expired)	1	4	Microsoft Windows Server 2003 Standard	315	172.31.8.11	33.28	15.54	-	-	klv-1001-cl.cpsc.com.my	Ready With Conditions
3	KLV-0022	2015-07-14 (Expired)	1	2	Microsoft Windows Server 2003 Standard	28	172.31.8.124	18.17	2.74	-	-	klv-1001-cl.cpsc.com.my	Ready With Conditions
4	KLV-0006	2015-07-14 (Expired)	2	4	Microsoft Windows Server 2003 Standard	166	172.27.8.106	33.28	12.53	-	-	klv-1001.cpsc.com.my	Ready With Conditions
5	Windows Server 2003 Standard Edition	2015-07-14 (Expired)	-	-	Microsoft Windows Server 2003 Standard	20	N/A	18.17	1.54	-	-	klv-1001.cpsc.com.my	Ready With Conditions
6	KL-AP2	2015-07-14 (Expired)	1	2	Microsoft Windows Server 2003 Standard	26	172.31.8.7	18.17	2.4	-	-	klv-1001-cl.cpsc.com.my	Ready With Conditions

Click on the **Databases** tab to see listed Databases present in infra.

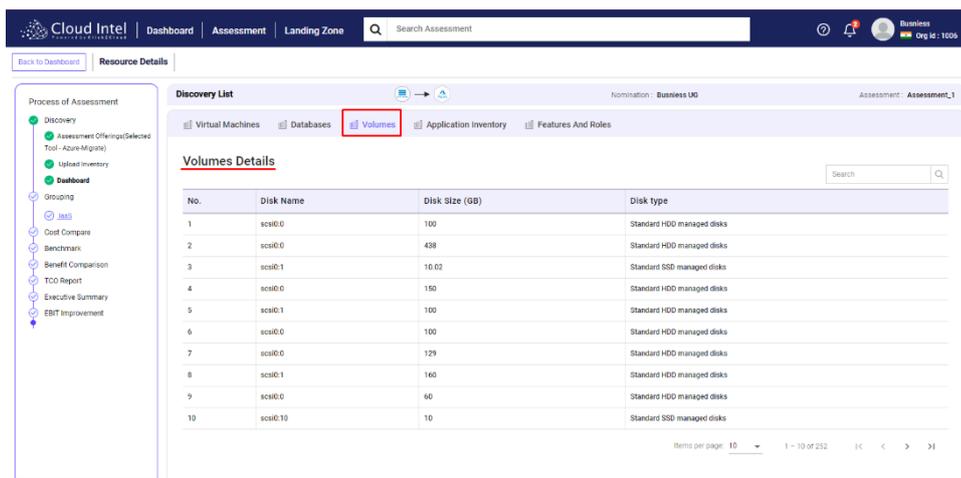


Discovery List | Nomination: Business UG | Assessment: Assessment_1

Databases Details

No.	VM Name	End of Support	Database Type	Database Name	Version	CPU	RAM (GB)	Disk Size (GB)
1	KLV-0107	-	Microsoft SQL server	MSSQLSERVER	13.1.4001.0	4	8	160
2	KLV-0096	-	Microsoft SQL server	MSSQLSERVER	13.0.1601.5	4	16	560
3	KLV-0038	-	Microsoft SQL server	MSSQLSERVER	10.52.4000.0	1	8	80
4	KLV-0084	-	Microsoft SQL server	MSSQLSERVER	13.1.4001.0	4	16	500
5	KLV-0055	-	Microsoft SQL server	MSSQLSERVER	11.1.3000.0	2	8	365
6	KLV-0056	-	Microsoft SQL server	MSSQLSERVER	11.1.3000.0	4	32	1424
7	KLV-0054	-	Microsoft SQL server	EDM5000	12.0.2000.8	8	8	80
8	KLV-0055	-	Microsoft SQL server	TEST	10.50.1600.1	4	16	438
9	KLV-0013	-	Microsoft SQL server	EDM5000	12.0.2000.8	4	8	80
10	KLV-0079	-	Microsoft SQL server	MSSQLSERVER	13.2.5026.0	8	16	260

Click on the **Volume** tab to see the listed volumes present in VM with their names.

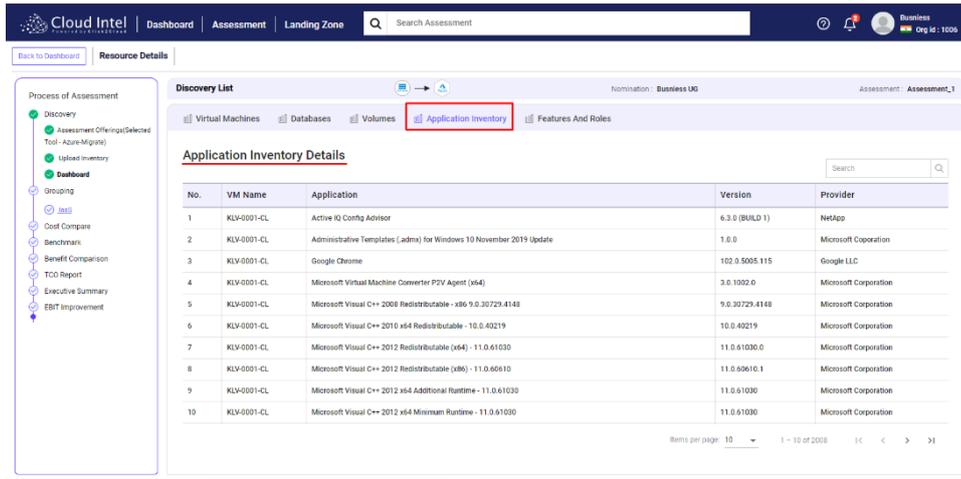


Discovery List | Nomination: Business UG | Assessment: Assessment_1

Volumes Details

No.	Disk Name	Disk Size (GB)	Disk type
1	scsi0:0	100	Standard HDD managed disks
2	scsi0:0	438	Standard HDD managed disks
3	scsi0:1	10.02	Standard SSD managed disks
4	scsi0:0	150	Standard HDD managed disks
5	scsi0:1	100	Standard HDD managed disks
6	scsi0:0	100	Standard HDD managed disks
7	scsi0:0	129	Standard HDD managed disks
8	scsi0:1	160	Standard HDD managed disks
9	scsi0:0	60	Standard HDD managed disks
10	scsi0:10	10	Standard SSD managed disks

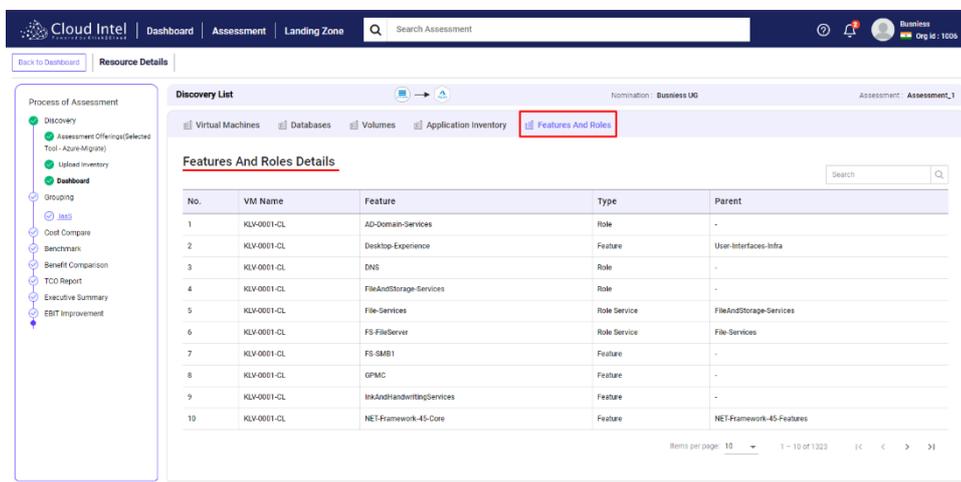
Click on the **Application Inventory** tab to see listed applications present in VM with their names.



The screenshot shows the 'Application Inventory' tab selected in the 'Discovery List'. The table below lists various applications installed on VMs.

No.	VM Name	Application	Version	Provider
1	KLV-0001-CL	Active IQ Config Advisor	6.3.0 (BUILD 1)	NetApp
2	KLV-0001-CL	Administrative Templates (adm) for Windows 10 November 2019 Update	1.0.0	Microsoft Corporation
3	KLV-0001-CL	Google Chrome	102.0.5005.115	Google LLC
4	KLV-0001-CL	Microsoft Virtual Machine Converter P2V Agent (x64)	3.0.1002.0	Microsoft Corporation
5	KLV-0001-CL	Microsoft Visual C++ 2008 Redistributable - x86 9.0.30729.4148	9.0.30729.4148	Microsoft Corporation
6	KLV-0001-CL	Microsoft Visual C++ 2010 x64 Redistributable - 10.0.40219	10.0.40219	Microsoft Corporation
7	KLV-0001-CL	Microsoft Visual C++ 2012 Redistributable (x64) - 11.0.61030	11.0.61030.0	Microsoft Corporation
8	KLV-0001-CL	Microsoft Visual C++ 2012 Redistributable (x86) - 11.0.60910	11.0.60910.1	Microsoft Corporation
9	KLV-0001-CL	Microsoft Visual C++ 2012 x64 Additional Runtime - 11.0.61030	11.0.61030	Microsoft Corporation
10	KLV-0001-CL	Microsoft Visual C++ 2012 x64 Minimum Runtime - 11.0.61030	11.0.61030	Microsoft Corporation

Click on the **Feature and Roles** tab to see listed Feature and Roles Services present in VMs with their name.

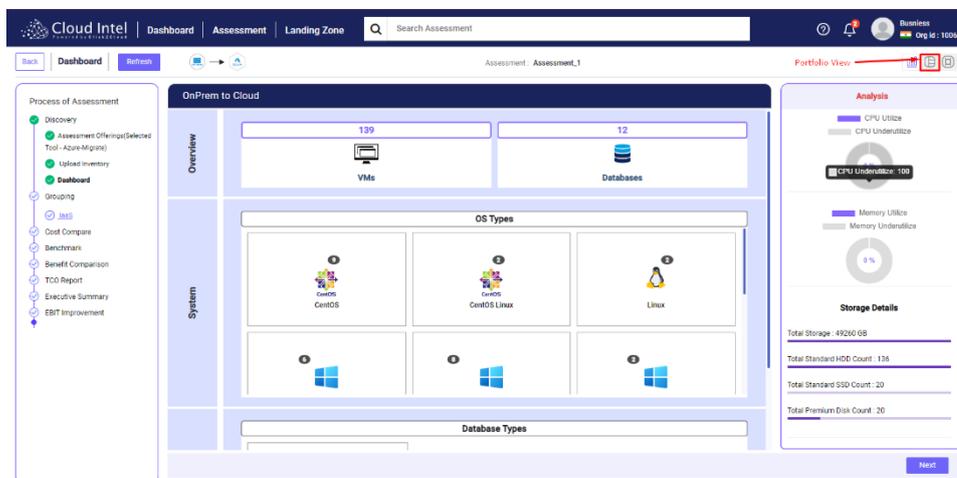


The screenshot shows the 'Features And Roles' tab selected in the 'Discovery List'. The table below lists features and roles installed on VMs.

No.	VM Name	Feature	Type	Parent
1	KLV-0001-CL	AD-Domain-Services	Role	-
2	KLV-0001-CL	Desktop-Experience	Feature	User-Interfaces-Infra
3	KLV-0001-CL	DNS	Role	-
4	KLV-0001-CL	FileAndStorage-Services	Role	-
5	KLV-0001-CL	File-Services	Role Service	FileAndStorage-Services
6	KLV-0001-CL	FS-FileServer	Role Service	File-Services
7	KLV-0001-CL	FS-SMB1	Feature	-
8	KLV-0001-CL	GP/MC	Feature	-
9	KLV-0001-CL	ItkAndHandwritingServices	Feature	-
10	KLV-0001-CL	NET-Framework-45-Core	Feature	NET-Framework-45-Features

8.4.1 Portfolio View: -

Click on Portfolio View Icon.



The screenshot shows the 'Portfolio View' of the assessment. It provides a high-level overview of the system's resources and performance metrics.

OnPrem to Cloud Overview:

- VMs: 139
- Databases: 12

System OS Types:

- CentOS: 4
- CentOS Linux: 3
- Linux: 2
- Windows: 3

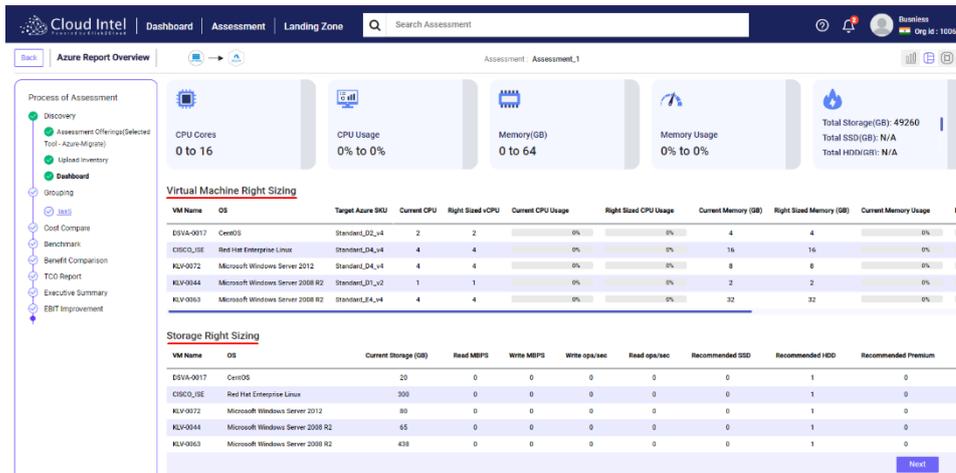
Analysis Metrics:

- CPU Utilize: 9%
- CPU Underutilize: 100%
- Memory Utilize: 9%
- Memory Underutilize: 91%

Storage Details:

- Total Storage: 49280 GB
- Total Standard HDD Count: 136
- Total Standard SSD Count: 20
- Total Premium Disk Count: 20

The portfolio page gets opened, where Virtual Machine and Storage Right Sizing and Utilization details get displayed.

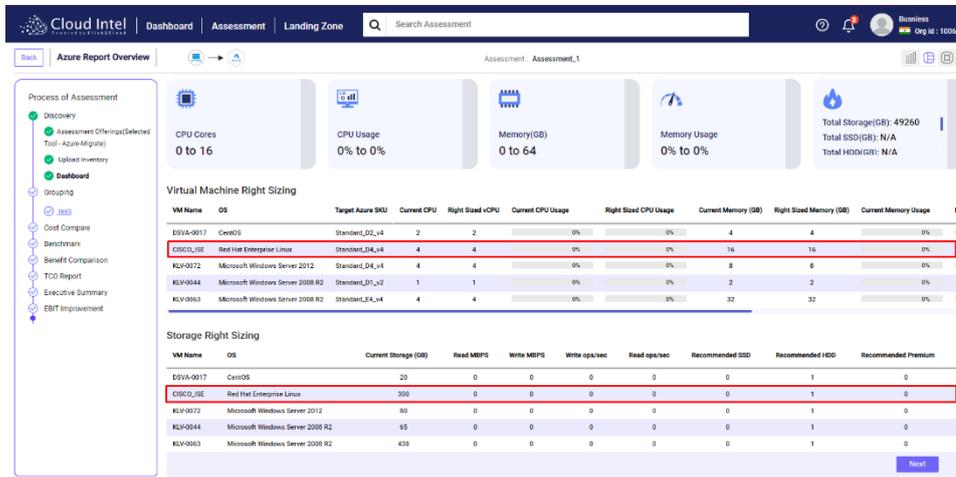


Virtual Machine Right Sizing

VM Name	OS	Target Azure SKU	Current CPU	Right Sized vCPU	Current CPU Usage	Right Sized CPU Usage	Current Memory (GB)	Right Sized Memory (GB)	Current Memory Usage
ESVA-0017	CentOS	Standard_D2_v4	2	2	0%	0%	4	4	0%
CISCO_USE	Red Hat Enterprise Linux	Standard_D4_v4	4	4	0%	0%	16	16	0%
KLV-0072	Microsoft Windows Server 2012	Standard_D4_v4	4	4	0%	0%	8	8	0%
KLV-0044	Microsoft Windows Server 2008 R2	Standard_D1_v2	1	1	0%	0%	2	2	0%
KLV-0063	Microsoft Windows Server 2008 R2	Standard_D4_v4	4	4	0%	0%	32	32	0%

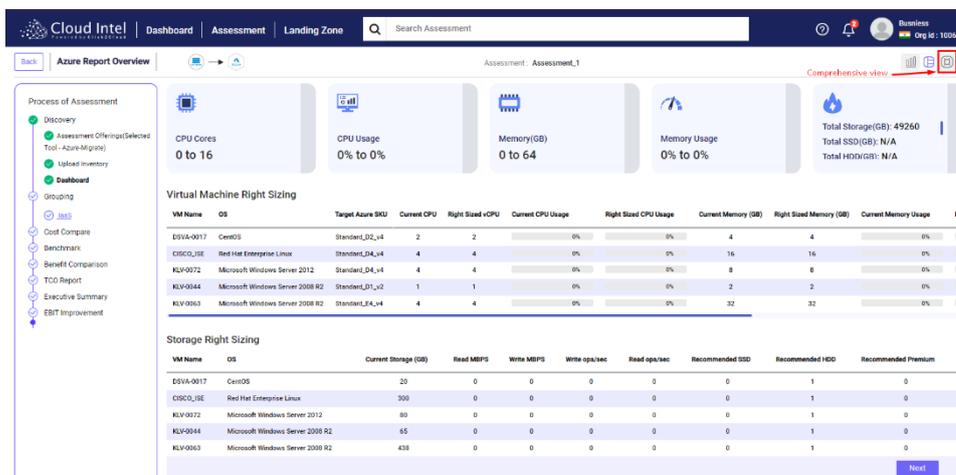
Storage Right Sizing

VM Name	OS	Current Storage (GB)	Read MBPS	Write MBPS	Write ops/sec	Read ops/sec	Recommended SSD	Recommended HDD	Recommended Premium
ESVA-0017	CentOS	20	0	0	0	0	0	1	0
CISCO_USE	Red Hat Enterprise Linux	300	0	0	0	0	0	1	0
KLV-0072	Microsoft Windows Server 2012	80	0	0	0	0	0	1	0
KLV-0044	Microsoft Windows Server 2008 R2	65	0	0	0	0	0	1	0
KLV-0063	Microsoft Windows Server 2008 R2	438	0	0	0	0	0	1	0

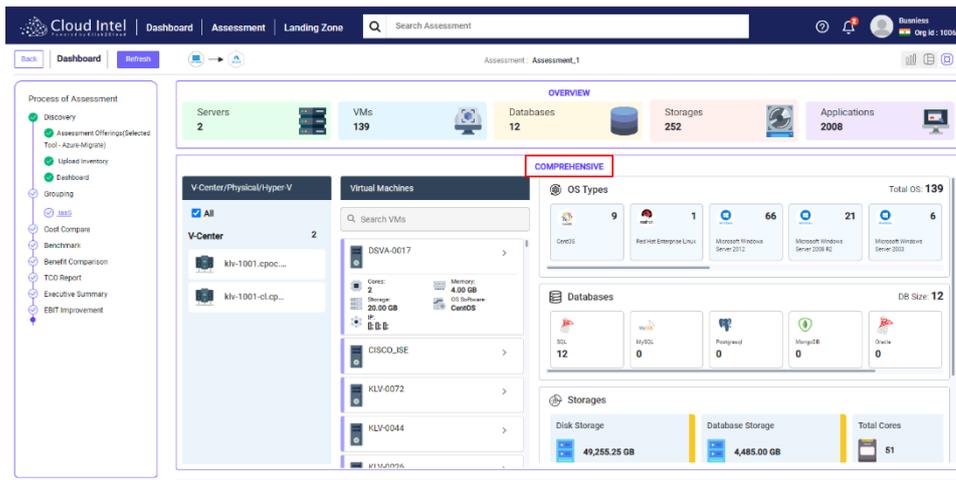


8.4.2 Comprehensive View: -

Click on the Comprehensive View icon.



The Comprehensive View page get opens, where every detail is shown.

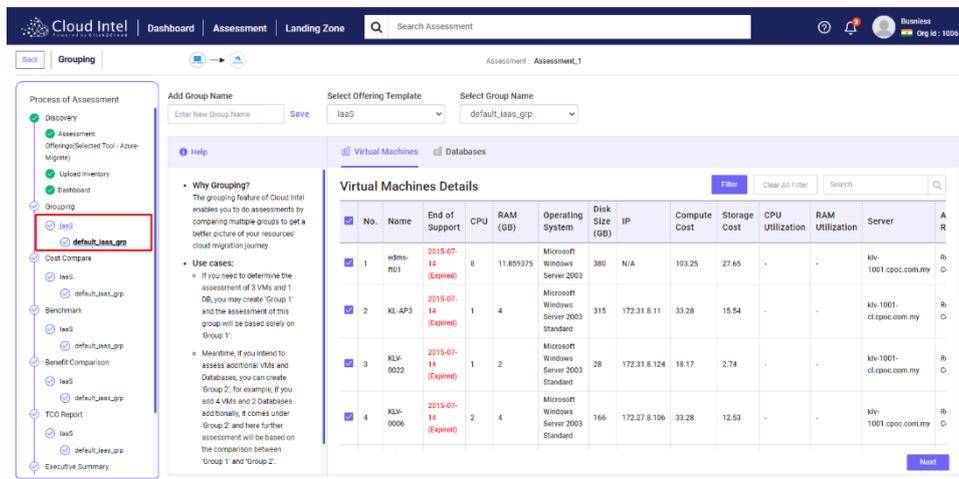


The screenshot shows the 'Overview' dashboard in Cloud Intel. At the top, there are navigation tabs for 'Dashboard', 'Assessment', and 'Landing Zone'. A search bar is present. The main content area is divided into several sections: 'Servers' (2), 'VMs' (139), 'Databases' (12), 'Storages' (252), and 'Applications' (2008). A 'COMPREHENSIVE' badge is visible. Below these are detailed views for 'V-Center/Physical/Hyper-V' and 'Virtual Machines'. The 'Virtual Machines' section shows a list of VMs with details like name, CPU, memory, and OS. To the right, there are summary cards for 'OS Types', 'Databases', and 'Storages'.

9. Grouping

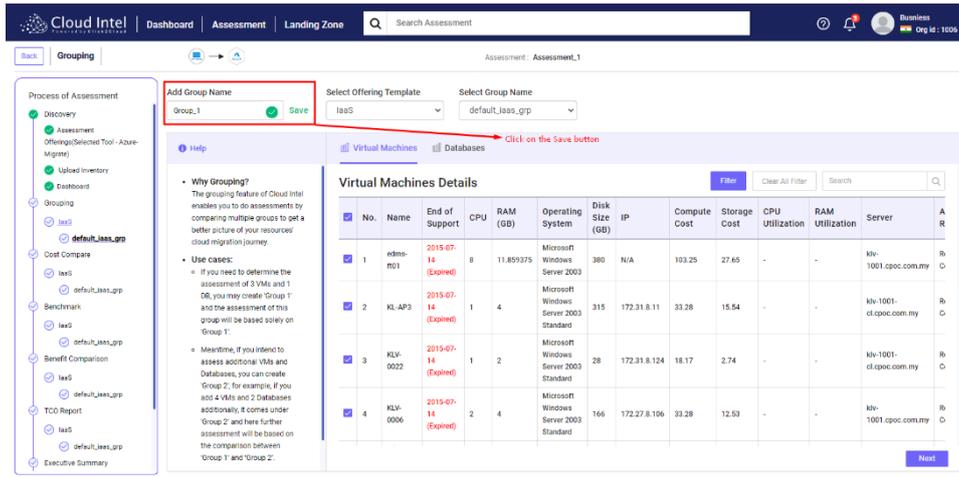
9.1 IaaS: -

Click on the 'IaaS' option. default_iaas_grp is created automatically.
Add Group by entering the group name in the 'Add Group Name' field and clicking on the 'Save' button, before selecting resources that need to be assessed.



The screenshot shows the 'Grouping' page in Cloud Intel. It features a 'Process of Assessment' sidebar on the left with 'IaaS' selected. The main area has an 'Add Group Name' field with 'IaaS' entered and a 'Save' button. Below this, there's a 'Virtual Machines' table with columns for No., Name, End of Support, CPU, RAM, Operating System, Disk Size, IP, Compute Cost, Storage Cost, CPU Utilization, RAM Utilization, and Server. The table contains four rows of VM data. A 'Next' button is at the bottom right.

No.	Name	End of Support	CPU	RAM (GB)	Operating System	Disk Size (GB)	IP	Compute Cost	Storage Cost	CPU Utilization	RAM Utilization	Server	A	R
1	edms-001	2015-07-14 (Expired)	0	11.859375	Microsoft Windows Server 2003	380	N/A	103.25	27.65	-	-	kv-1001-cpoc.com.my	B	C
2	KV-AP3	2015-07-14 (Expired)	1	4	Microsoft Windows Server 2003 Standard	315	172.31.8.11	33.28	15.54	-	-	kv-1001-cl-cpoc.com.my	B	C
3	KLV-0022	2015-07-14 (Expired)	1	2	Microsoft Windows Server 2003 Standard	28	172.31.8.124	18.17	2.74	-	-	kv-1001-cl-cpoc.com.my	B	C
4	KLV-0006	2015-07-14 (Expired)	2	4	Microsoft Windows Server 2003 Standard	166	172.27.8.106	33.28	12.59	-	-	kv-1001-cpoc.com.my	B	C



Process of Assessment

- Discovery
- Assessment Offerings(Selected Tool- Azure-Migrate)
- Upload Inventory
- Dashboard
- Grouping
 - Group_1
 - default_iaas_grp
- Cost Compare
- Benchmark
- Benefit Comparison
- TCO Report
- Executive Summary

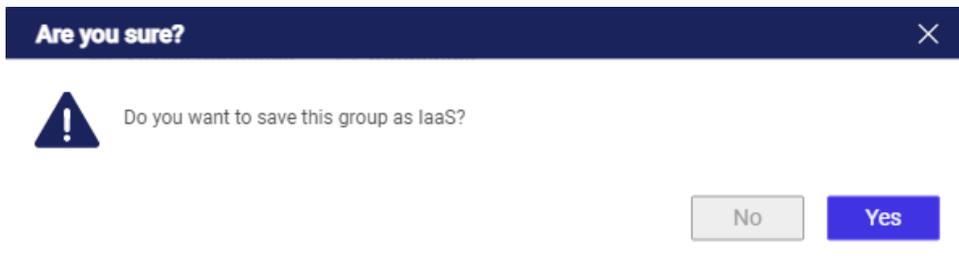
Add Group Name | **Select Offering Template** | **Select Group Name**

Group_1 | IaaS | default_iaas_grp

Virtual Machines Details

No.	Name	End of Support	CPU	RAM (GB)	Operating System	Disk Size (GB)	IP	Compute Cost	Storage Cost	CPU Utilization	RAM Utilization	Server	A	R
1	edms-ff01	2015-07-14 (Expired)	8	11.859375	Microsoft Windows Server 2003	380	N/A	103.25	27.65	-	-	kv-1001-cpoc.com.my	R	C
2	kl-AP3	2015-07-14 (Expired)	1	4	Microsoft Windows Server 2003 Standard	315	172.31.8.11	33.28	15.54	-	-	kv-1001-clcpoc.com.my	R	C
3	KLV-0022	2015-07-14 (Expired)	1	2	Microsoft Windows Server 2003 Standard	28	172.31.8.124	18.17	2.74	-	-	kv-1001-clcpoc.com.my	R	C
4	KLV-0006	2015-07-14 (Expired)	2	4	Microsoft Windows Server 2003 Standard	166	172.27.8.106	33.28	12.53	-	-	kv-1001-cpoc.com.my	R	C

Click on the **'Yes'** button from the confirmation pop-up.

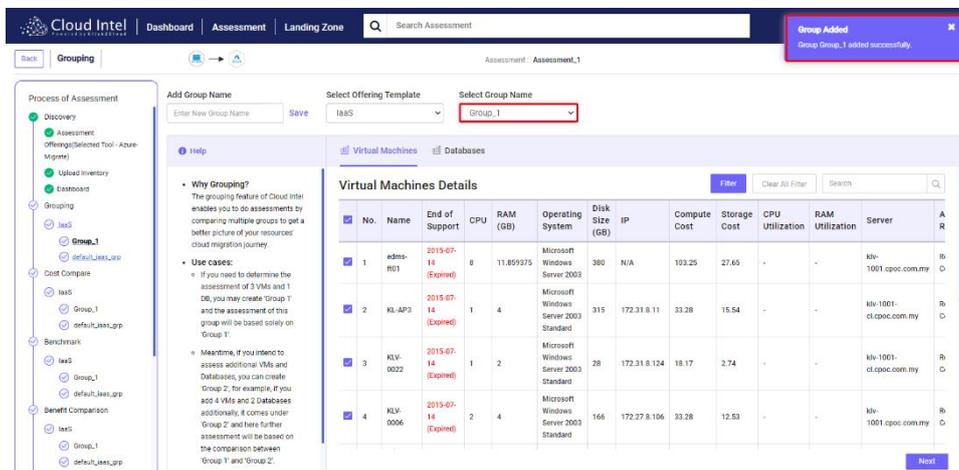


Are you sure?

Do you want to save this group as IaaS?

No Yes

After clicking on the **Yes** button, a new group was added successfully.



Process of Assessment

- Discovery
- Assessment Offerings(Selected Tool- Azure-Migrate)
- Upload Inventory
- Dashboard
- Grouping
 - Group_1
 - default_iaas_grp
- Cost Compare
- Benchmark
- Benefit Comparison
- TCO Report
- Executive Summary

Add Group Name | **Select Offering Template** | **Select Group Name**

Enter New Group Name | Save | IaaS | Group_1

Virtual Machines Details

No.	Name	End of Support	CPU	RAM (GB)	Operating System	Disk Size (GB)	IP	Compute Cost	Storage Cost	CPU Utilization	RAM Utilization	Server	A	R
1	edms-ff01	2015-07-14 (Expired)	8	11.859375	Microsoft Windows Server 2003	380	N/A	103.25	27.65	-	-	kv-1001-cpoc.com.my	R	C
2	kl-AP3	2015-07-14 (Expired)	1	4	Microsoft Windows Server 2003 Standard	315	172.31.8.11	33.28	15.54	-	-	kv-1001-clcpoc.com.my	R	C
3	KLV-0022	2015-07-14 (Expired)	1	2	Microsoft Windows Server 2003 Standard	28	172.31.8.124	18.17	2.74	-	-	kv-1001-clcpoc.com.my	R	C
4	KLV-0006	2015-07-14 (Expired)	2	4	Microsoft Windows Server 2003 Standard	166	172.27.8.106	33.28	12.53	-	-	kv-1001-cpoc.com.my	R	C

After adding the group, VM and Database List with details will be displayed under the **'Virtual Machines'** and **'Databases'** tabs. Select the VMs from the **'Virtual Machine'** list to perform cost analysis on the destination cloud. Then click on the Save button.

Cloud Intel | Dashboard | Assessment | Landing Zone | Search Assessment | Business | Org id: 1005

Back | Grouping | Assessment: Assessment_1

Process of Assessment

- Discovery
- Assessment Offerings (Selected Tool - Azure Migrate)
- Upload Inventory
- Dashboard
- Grouping
- Cost Compare
- Benchmark
- Benefit Comparison

Add Group Name: Save | Select Offering Template: | Select Group Name:

Virtual Machines

Virtual Machines Details

No.	Name	End of Support	CPU	RAM (GB)	Operating System	Disk Size (GB)	IP	Compute Cost	Storage Cost	CPU Utilization	RAM Utilization	Server	A	R
1	edms-r01	2015-07-14 (Expired)	8	11.859375	Microsoft Windows Server 2003	380	N/A	103.25	27.65	-	-	kv-1001-cpoc.com.my	B	D
2	KL-AP3	2015-07-14 (Expired)	1	4	Microsoft Windows Server 2003 Standard	315	172.31.8.11	33.28	15.54	-	-	kv-1001-cl-cpoc.com.my	B	D
3	KLV-0022	2015-07-14 (Expired)	1	2	Microsoft Windows Server 2003 Standard	28	172.31.8.124	18.17	2.74	-	-	kv-1001-cl-cpoc.com.my	B	D
4	KLV-0006	2015-07-14 (Expired)	2	4	Microsoft Windows Server 2003 Standard	166	172.27.8.106	33.28	12.53	-	-	kv-1001-cpoc.com.my	B	D

Next

Cloud Intel | Dashboard | Assessment | Landing Zone | Search Assessment | Business | Org id: 1005

Back | Grouping | Assessment: Assessment_1

Process of Assessment

- Discovery
- Assessment Offerings (Selected Tool - Azure Migrate)
- Upload Inventory
- Dashboard
- Grouping
- Cost Compare
- Benchmark
- Benefit Comparison

Add Group Name: Save | Select Offering Template: | Select Group Name:

Virtual Machines

Virtual Machines Details

No.	Name	End of Support	CPU	RAM (GB)	Operating System	Disk Size (GB)	IP	Compute Cost	Storage Cost	CPU Utilization	RAM Utilization	Server	A	R
1	edms-r01	2015-07-14 (Expired)	8	11.859375	Microsoft Windows Server 2003	380	N/A	103.25	27.65	-	-	kv-1001-cpoc.com.my	B	D
2	KL-AP3	2015-07-14 (Expired)	1	4	Microsoft Windows Server 2003 Standard	315	172.31.8.11	33.28	15.54	-	-	kv-1001-cl-cpoc.com.my	B	D
3	KLV-0022	2015-07-14 (Expired)	1	2	Microsoft Windows Server 2003 Standard	28	172.31.8.124	18.17	2.74	-	-	kv-1001-cl-cpoc.com.my	B	D
4	KLV-0006	2015-07-14 (Expired)	2	4	Microsoft Windows Server 2003 Standard	166	172.27.8.106	33.28	12.53	-	-	kv-1001-cpoc.com.my	B	D

Next

Click on the database option and select the databases from the 'databases' list to perform cost analysis on the destination cloud. Then click on the **Save** button. After clicking on the save button, the user should click on the **Next** button to navigate to the next page.

Cloud Intel | Dashboard | Assessment | Landing Zone | Search Assessment | Business | Org id: 1005

Back | Grouping | Assessment: Assessment_1

Process of Assessment

- Discovery
- Assessment Offerings (Selected Tool - Azure Migrate)
- Upload Inventory
- Dashboard
- Grouping
- Cost Compare
- Benchmark
- Benefit Comparison

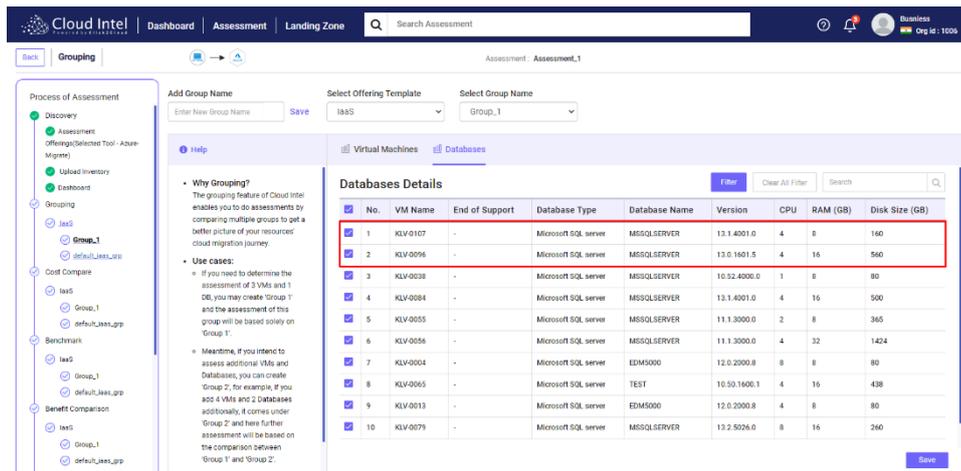
Add Group Name: Save | Select Offering Template: | Select Group Name:

Databases

Databases Details

No.	VM Name	End of Support	Database Type	Database Name	Version	CPU	RAM (GB)	Disk Size (GB)
1	KLV-0107	-	Microsoft SQL server	MSSQLSERVER	13.1.4001.0	4	8	160
2	KLV-0096	-	Microsoft SQL server	MSSQLSERVER	13.0.1401.5	4	16	560
3	KLV-0038	-	Microsoft SQL server	MSSQLSERVER	10.52.4000.0	1	8	80
4	KLV-0084	-	Microsoft SQL server	MSSQLSERVER	13.1.4001.0	4	16	500
5	KLV-0055	-	Microsoft SQL server	MSSQLSERVER	11.1.3000.0	2	8	365
6	KLV-0056	-	Microsoft SQL server	MSSQLSERVER	11.1.3000.0	4	32	1424
7	KLV-0004	-	Microsoft SQL server	EDMS5000	12.0.2000.8	8	8	80
8	KLV-0065	-	Microsoft SQL server	TEST	10.50.1600.1	4	16	438
9	KLV-0013	-	Microsoft SQL server	EDMS5000	12.0.2000.8	4	8	80
10	KLV-0079	-	Microsoft SQL server	MSSQLSERVER	13.2.5026.0	8	16	260

Save



Cloud Intel | Dashboard | Assessment | Landing Zone | Search Assessment | Org Id: 1005

Back | Grouping | Assessment: Assessment_1

Process of Assessment: Discovery, Assessment Offerings, Upload Inventory, Dashboard, Grouping, Group_1, Cost Compare, Benchmarks, Benefit Comparison

Add Group Name: Enter New Group Name | Save | Select Offering Template: IaaS | Select Group Name: Group_1

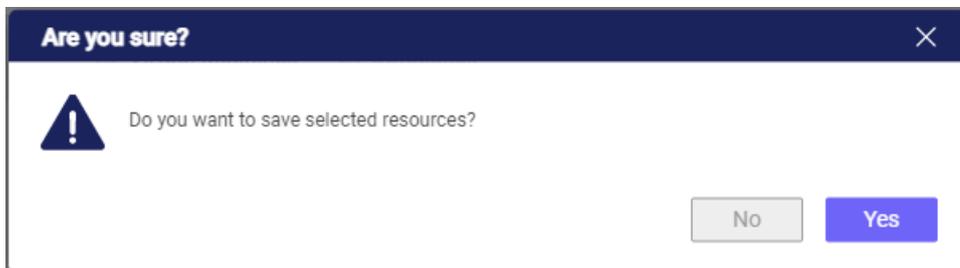
Virtual Machines | **Databases**

Databases Details

No.	VM Name	End of Support	Database Type	Database Name	Version	CPU	RAM (GB)	Disk Size (GB)
1	KLV-0107	-	Microsoft SQL server	MSSQLSERVER	13.1.4001.0	4	8	160
2	KLV-0096	-	Microsoft SQL server	MSSQLSERVER	13.0.1601.5	4	16	560
3	KLV-0038	-	Microsoft SQL server	MSSQLSERVER	10.52.4000.0	1	8	80
4	KLV-0084	-	Microsoft SQL server	MSSQLSERVER	13.1.4001.0	4	16	500
5	KLV-0055	-	Microsoft SQL server	MSSQLSERVER	11.1.3000.0	2	8	365
6	KLV-0056	-	Microsoft SQL server	MSSQLSERVER	11.1.3000.0	4	32	1424
7	KLV-0004	-	Microsoft SQL server	EDMS000	12.0.2000.8	8	8	80
8	KLV-0065	-	Microsoft SQL server	TEST	10.50.1606.1	4	16	438
9	KLV-0013	-	Microsoft SQL server	EDMS000	12.0.2000.8	4	8	80
10	KLV-0079	-	Microsoft SQL server	MSSQLSERVER	13.2.5026.0	8	16	260

Save

Click on the 'YES' button on the confirmation pop-up.

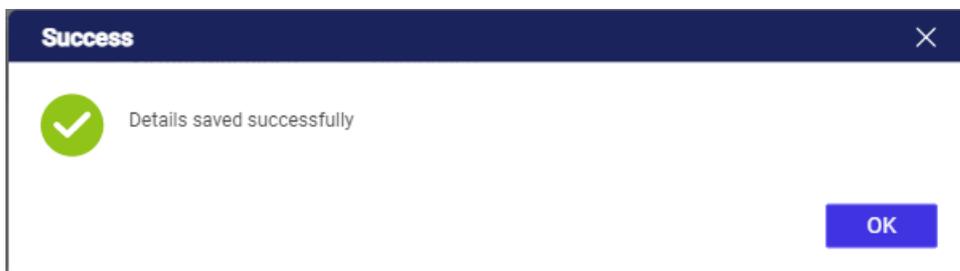


Are you sure?

Do you want to save selected resources?

No Yes

Click on the 'OK' button on the success pop-up.

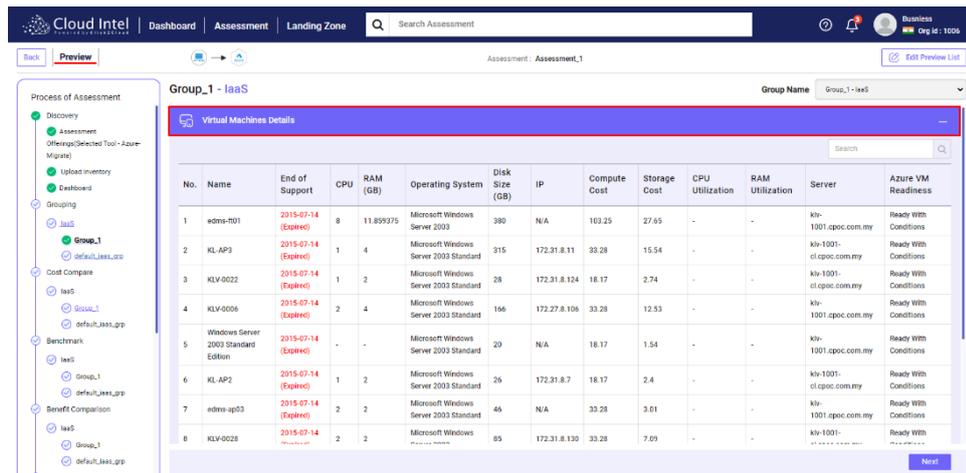


Success

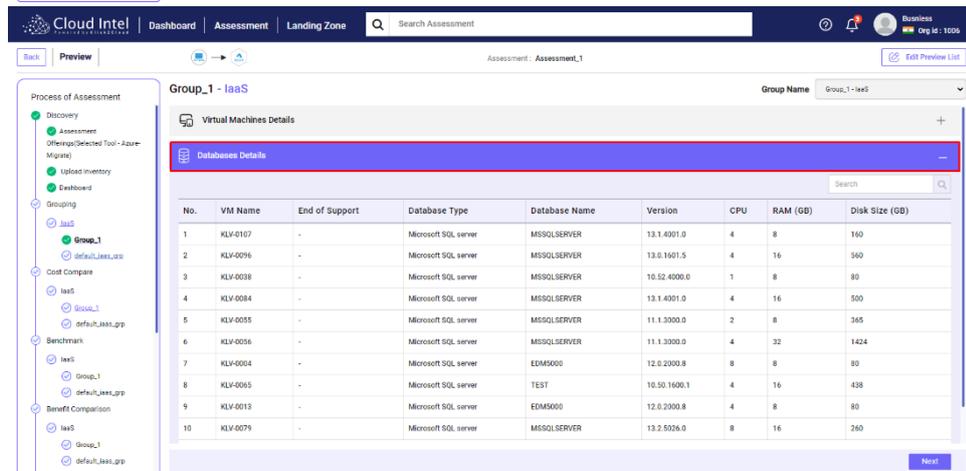
Details saved successfully

OK

The flow takes you to the preview page where you can view the list of VMs and databases that are selected from the previous step.

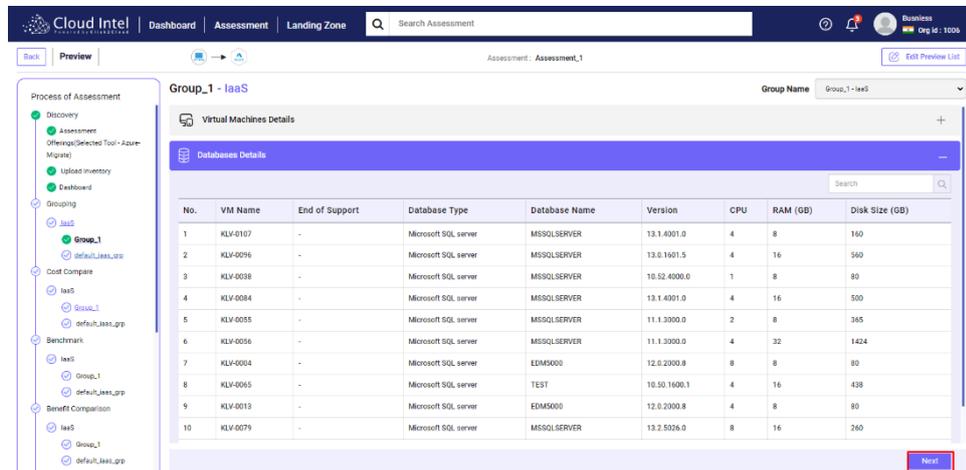


No.	Name	End of Support	CPU	RAM (GB)	Operating System	Disk Size (GB)	IP	Compute Cost	Storage Cost	CPU Utilization	RAM Utilization	Server	Azure VM Readiness
1	edms-r01	2015-07-14 (Expired)	8	11.859375	Microsoft Windows Server 2003	380	N/A	163.25	27.65	-	-	kh-1001.cpoc.com.my	Ready With Conditions
2	KL-AP3	2015-07-14 (Expired)	1	4	Microsoft Windows Server 2003 Standard	315	172.31.8.11	33.28	15.54	-	-	kh-1001-cl.cpoc.com.my	Ready With Conditions
3	KLV-0022	2015-07-14 (Expired)	1	2	Microsoft Windows Server 2003 Standard	28	172.31.8.124	18.17	2.74	-	-	kh-1001-cl.cpoc.com.my	Ready With Conditions
4	KLV-0056	2015-07-14 (Expired)	2	4	Microsoft Windows Server 2003 Standard	166	172.27.8.106	33.28	12.53	-	-	kh-1001.cpoc.com.my	Ready With Conditions
5	Windows Server 2003 Standard Edition	2015-07-14 (Expired)	-	-	Microsoft Windows Server 2003 Standard	20	N/A	18.17	1.54	-	-	kh-1001.cpoc.com.my	Ready With Conditions
6	KL-AP2	2015-07-14 (Expired)	1	2	Microsoft Windows Server 2003 Standard	26	172.31.8.7	18.17	2.4	-	-	kh-1001-cl.cpoc.com.my	Ready With Conditions
7	edms-ep03	2015-07-14 (Expired)	2	2	Microsoft Windows Server 2003 Standard	46	N/A	33.28	3.01	-	-	kh-1001.cpoc.com.my	Ready With Conditions
8	KLV-0029	2015-07-14 (Expired)	2	2	Microsoft Windows Server 2003 Standard	85	172.31.8.130	33.28	7.69	-	-	kh-1001-cl.cpoc.com.my	Ready With Conditions



No.	VM Name	End of Support	Database Type	Database Name	Version	CPU	RAM (GB)	Disk Size (GB)
1	KLV-0107	-	Microsoft SQL server	MSSQLSERVER	13.1.4001.0	4	8	160
2	KLV-0096	-	Microsoft SQL server	MSSQLSERVER	13.0.1601.5	4	16	560
3	KLV-0038	-	Microsoft SQL server	MSSQLSERVER	10.52.4000.0	1	8	80
4	KLV-0084	-	Microsoft SQL server	MSSQLSERVER	13.1.4001.0	4	16	500
5	KLV-0055	-	Microsoft SQL server	MSSQLSERVER	11.1.3000.0	2	8	365
6	KLV-0056	-	Microsoft SQL server	MSSQLSERVER	11.1.3000.0	4	32	1424
7	KLV-0004	-	Microsoft SQL server	EDMS5000	12.0.2000.8	8	8	80
8	KLV-0065	-	Microsoft SQL server	TEST	10.50.1600.1	4	16	438
9	KLV-0013	-	Microsoft SQL server	EDMS5000	12.0.2000.8	4	8	80
10	KLV-0079	-	Microsoft SQL server	MSSQLSERVER	13.2.5026.0	8	16	260

Click on the Next button.



No.	VM Name	End of Support	Database Type	Database Name	Version	CPU	RAM (GB)	Disk Size (GB)
1	KLV-0107	-	Microsoft SQL server	MSSQLSERVER	13.1.4001.0	4	8	160
2	KLV-0096	-	Microsoft SQL server	MSSQLSERVER	13.0.1601.5	4	16	560
3	KLV-0038	-	Microsoft SQL server	MSSQLSERVER	10.52.4000.0	1	8	80
4	KLV-0084	-	Microsoft SQL server	MSSQLSERVER	13.1.4001.0	4	16	500
5	KLV-0055	-	Microsoft SQL server	MSSQLSERVER	11.1.3000.0	2	8	365
6	KLV-0056	-	Microsoft SQL server	MSSQLSERVER	11.1.3000.0	4	32	1424
7	KLV-0004	-	Microsoft SQL server	EDMS5000	12.0.2000.8	8	8	80
8	KLV-0065	-	Microsoft SQL server	TEST	10.50.1600.1	4	16	438
9	KLV-0013	-	Microsoft SQL server	EDMS5000	12.0.2000.8	4	8	80
10	KLV-0079	-	Microsoft SQL server	MSSQLSERVER	13.2.5026.0	8	16	260

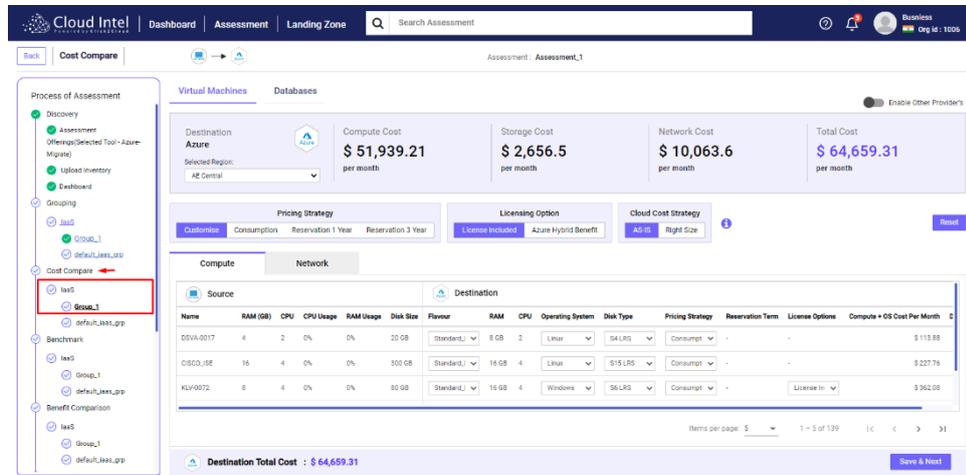
10. Cost Compare

10.1 IaaS-> Group_1 -> VM: -

On the **Cost compare** page, selected VM are displayed in the source section. On the destination section **Flavor**, **Operating System**, **Disk Type**, and **Pricing Strategy options** will be given to select as per the user choice. After the selection of values, Also, users can select the different regions on the desired

cloud and perform cost analysis on the other clouds for the same region by selecting the option 'Enable Similar Region'.

Click on the 'Save' button.



Cloud Intel | Dashboard | Assessment | Landing Zone | Search Assessment

Back | Cost Compare | Assessment: Assessment_1

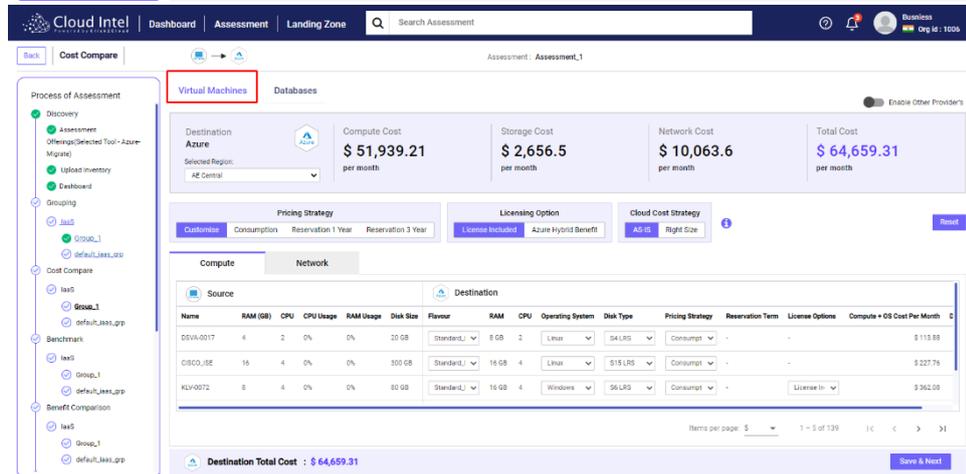
Virtual Machines | Databases | Enable Other Providers

Destination: Azure | Compute Cost: \$51,939.21 per month | Storage Cost: \$2,656.5 per month | Network Cost: \$10,063.6 per month | Total Cost: \$64,659.31 per month

Pricing Strategy: Customise | Consumption | Reservation 1 Year | Reservation 3 Year | Licensing Option: License Included | Azure Hybrid Benefit | Cloud Cost Strategy: AS-IS | Right Size

Name	RAM (GB)	CPU	CPU Usage	RAM Usage	Disk Size	Flavour	RAM	CPU	Operating System	Disk Type	Pricing Strategy	Reservation Term	License Options	Compute + OS Cost Per Month
D0VA-0017	4	2	0%	0%	20 GB	Standard_L	8 GB	2	Linux	\$4 LRS	Consumpt	-	-	\$113.88
C0SC-0018	16	4	0%	0%	300 GB	Standard_L	16 GB	4	Linux	\$15 LRS	Consumpt	-	-	\$227.76
K0V0072	8	4	0%	0%	80 GB	Standard_L	16 GB	4	Windows	\$6 LRS	Consumpt	-	License In	\$362.00

Destination Total Cost: \$64,659.31 | Save & Next



Cloud Intel | Dashboard | Assessment | Landing Zone | Search Assessment

Back | Cost Compare | Assessment: Assessment_1

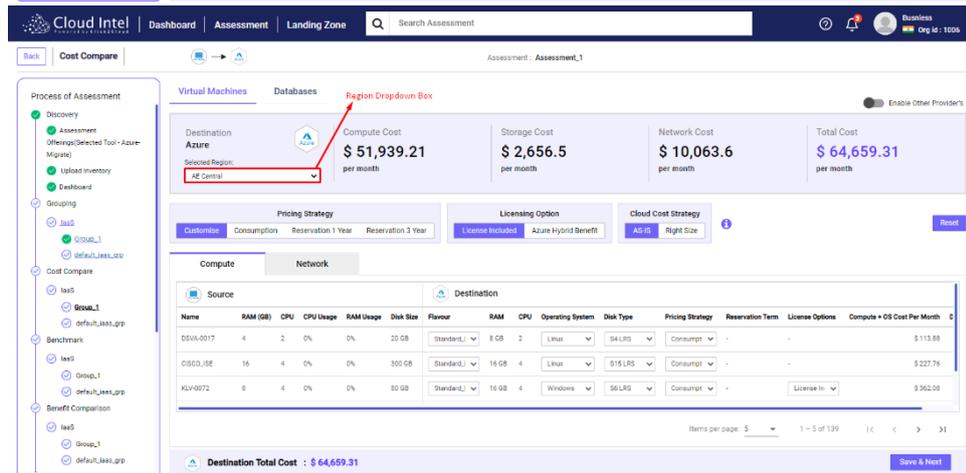
Virtual Machines | Databases | Enable Other Providers

Destination: Azure | Compute Cost: \$51,939.21 per month | Storage Cost: \$2,656.5 per month | Network Cost: \$10,063.6 per month | Total Cost: \$64,659.31 per month

Pricing Strategy: Customise | Consumption | Reservation 1 Year | Reservation 3 Year | Licensing Option: License Included | Azure Hybrid Benefit | Cloud Cost Strategy: AS-IS | Right Size

Name	RAM (GB)	CPU	CPU Usage	RAM Usage	Disk Size	Flavour	RAM	CPU	Operating System	Disk Type	Pricing Strategy	Reservation Term	License Options	Compute + OS Cost Per Month
D0VA-0017	4	2	0%	0%	20 GB	Standard_L	8 GB	2	Linux	\$4 LRS	Consumpt	-	-	\$113.88
C0SC-0018	16	4	0%	0%	300 GB	Standard_L	16 GB	4	Linux	\$15 LRS	Consumpt	-	-	\$227.76
K0V0072	8	4	0%	0%	80 GB	Standard_L	16 GB	4	Windows	\$6 LRS	Consumpt	-	License In	\$362.00

Destination Total Cost: \$64,659.31 | Save & Next



Cloud Intel | Dashboard | Assessment | Landing Zone | Search Assessment

Back | Cost Compare | Assessment: Assessment_1

Virtual Machines | Databases | Enable Other Providers

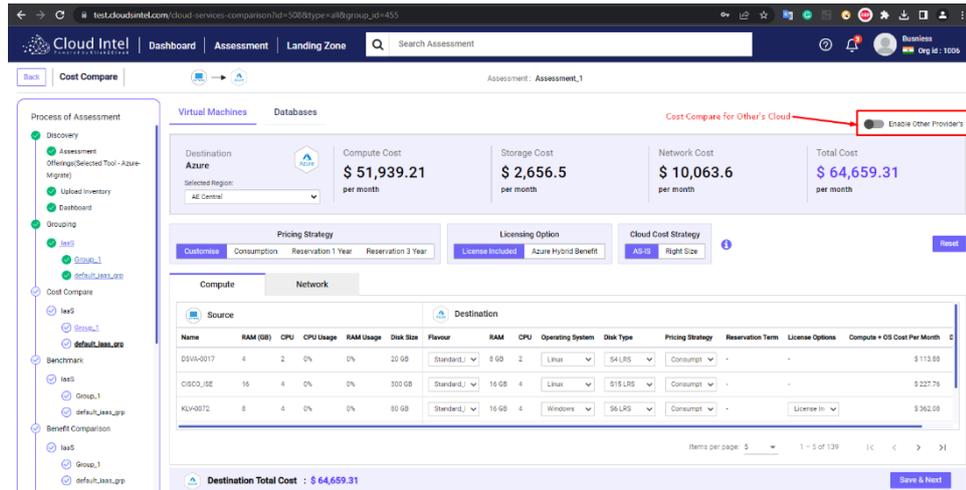
Destination: Azure | Compute Cost: \$51,939.21 per month | Storage Cost: \$2,656.5 per month | Network Cost: \$10,063.6 per month | Total Cost: \$64,659.31 per month

Pricing Strategy: Customise | Consumption | Reservation 1 Year | Reservation 3 Year | Licensing Option: License Included | Azure Hybrid Benefit | Cloud Cost Strategy: AS-IS | Right Size

Name	RAM (GB)	CPU	CPU Usage	RAM Usage	Disk Size	Flavour	RAM	CPU	Operating System	Disk Type	Pricing Strategy	Reservation Term	License Options	Compute + OS Cost Per Month
D0VA-0017	4	2	0%	0%	20 GB	Standard_L	8 GB	2	Linux	\$4 LRS	Consumpt	-	-	\$113.88
C0SC-0018	16	4	0%	0%	300 GB	Standard_L	16 GB	4	Linux	\$15 LRS	Consumpt	-	-	\$227.76
K0V0072	8	4	0%	0%	80 GB	Standard_L	16 GB	4	Windows	\$6 LRS	Consumpt	-	License In	\$362.00

Destination Total Cost: \$64,659.31 | Save & Next

Click on the 'Enable Other Providers' toggle button to find other destination cloud costs. (Currently supported clouds are Azure, AWS, Huawei, and Alibaba).



Cloud Intel | Dashboard | Assessment | Landing Zone | Search Assessment

Assessment: Assessment_1

Cost Compare

Process of Assessment: Discovery, Assessment, Upload Inventory, Dashboard, Grouping, Cost Compare, Benchmarks, Benefit Comparison

Virtual Machines | Databases

Destination: Azure | Compute Cost: \$51,939.21 per month | Storage Cost: \$2,656.5 per month | Network Cost: \$10,063.6 per month | Total Cost: \$64,659.31 per month

Enable Other Provider's

Pricing Strategy: Customise, Consumption, Reservation 1 Year, Reservation 3 Year

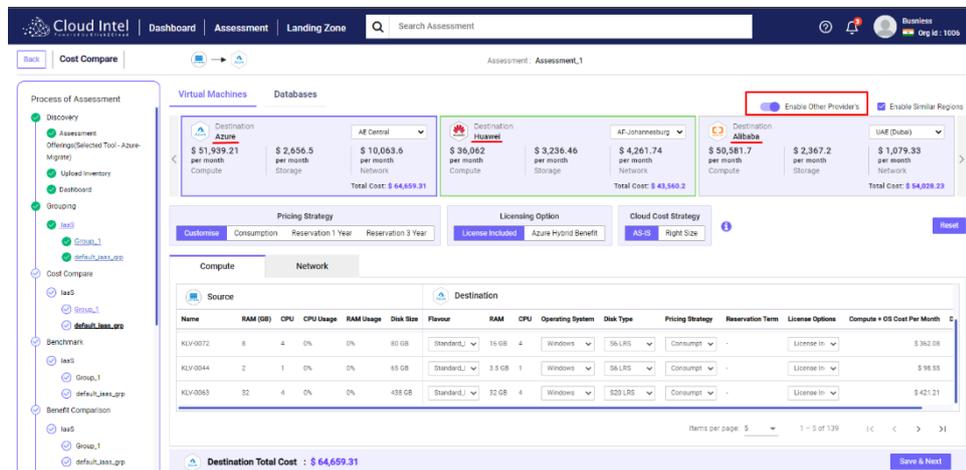
Licensing Option: License Included, Azure Hybrid Benefit

Cloud Cost Strategy: AS-IS, Right Size

Name	RAM (GB)	CPU	CPU Usage	RAM Usage	Disk Size	Flavour	RAM	CPU	Operating System	Disk Type	Pricing Strategy	Reservation Term	License Options	Compute + OS Cost Per Month
D0VH-0017	4	2	0%	0%	20 GB	Standard_L	8 GB	2	Linux	\$4 LRS	Consumpt	-	-	\$113.88
CISCO_I5E	16	4	0%	0%	300 GB	Standard_L	16 GB	4	Linux	\$15 LRS	Consumpt	-	-	\$227.76
KLV-0072	8	4	0%	0%	80 GB	Standard_L	16 GB	4	Windows	\$6 LRS	Consumpt	-	License In	\$362.08

Destination Total Cost: \$64,659.31

Click on the **Enable Other Provider's** toggle button. The other provider's cloud cost is visible.



Cloud Intel | Dashboard | Assessment | Landing Zone | Search Assessment

Assessment: Assessment_1

Cost Compare

Process of Assessment: Discovery, Assessment, Upload Inventory, Dashboard, Grouping, Cost Compare, Benchmarks, Benefit Comparison

Virtual Machines | Databases

Enable Other Provider's

Destination: Azure | Compute Cost: \$51,939.21 per month | Storage Cost: \$2,656.5 per month | Network Cost: \$10,063.6 per month | Total Cost: \$64,659.31 per month

Destination: AWS | Compute Cost: \$36,062 per month | Storage Cost: \$3,236.46 per month | Network Cost: \$4,261.74 per month | Total Cost: \$43,560.2 per month

Destination: Alibaba | Compute Cost: \$50,581.7 per month | Storage Cost: \$2,367.2 per month | Network Cost: \$1,079.33 per month | Total Cost: \$54,028.23 per month

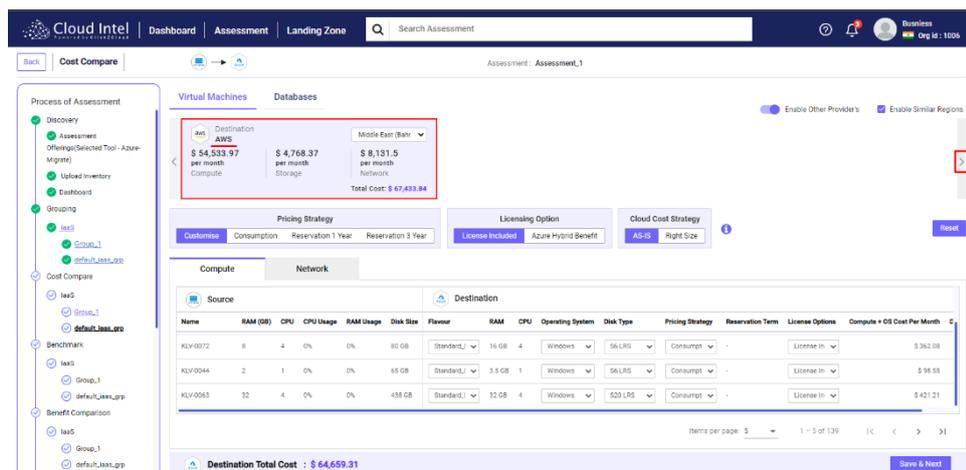
Pricing Strategy: Customise, Consumption, Reservation 1 Year, Reservation 3 Year

Licensing Option: License Included, Azure Hybrid Benefit

Cloud Cost Strategy: AS-IS, Right Size

Name	RAM (GB)	CPU	CPU Usage	RAM Usage	Disk Size	Flavour	RAM	CPU	Operating System	Disk Type	Pricing Strategy	Reservation Term	License Options	Compute + OS Cost Per Month
KLV-0072	8	4	0%	0%	80 GB	Standard_L	16 GB	4	Windows	\$6 LRS	Consumpt	-	License In	\$362.08
KLV-0044	2	1	0%	0%	65 GB	Standard_L	3.5 GB	1	Windows	\$6 LRS	Consumpt	-	License In	\$98.55
KLV-0063	32	4	0%	0%	438 GB	Standard_L	32 GB	4	Windows	\$20 LRS	Consumpt	-	License In	\$421.21

Destination Total Cost: \$64,659.31



Cloud Intel | Dashboard | Assessment | Landing Zone | Search Assessment

Assessment: Assessment_1

Cost Compare

Process of Assessment: Discovery, Assessment, Upload Inventory, Dashboard, Grouping, Cost Compare, Benchmarks, Benefit Comparison

Virtual Machines | Databases

Enable Other Provider's

Destination: AWS | Compute Cost: \$54,533.97 per month | Storage Cost: \$4,768.37 per month | Network Cost: \$8,131.5 per month | Total Cost: \$67,433.84 per month

Pricing Strategy: Customise, Consumption, Reservation 1 Year, Reservation 3 Year

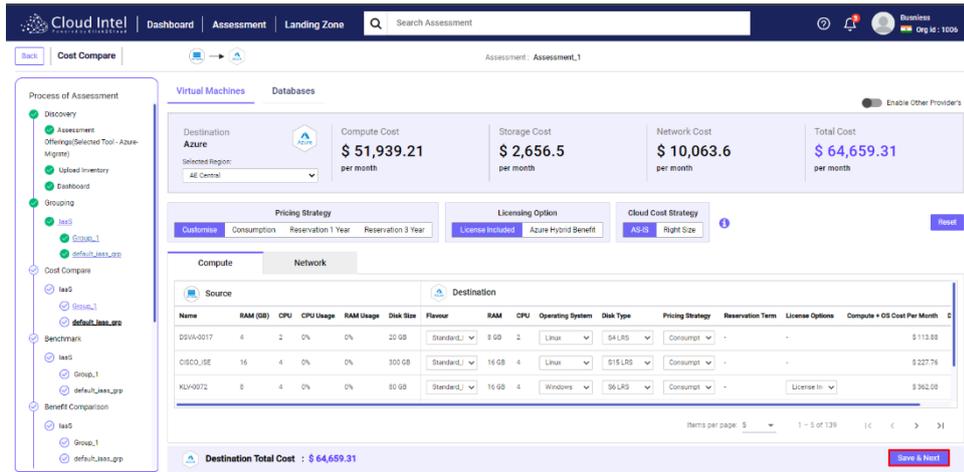
Licensing Option: License Included, Azure Hybrid Benefit

Cloud Cost Strategy: AS-IS, Right Size

Name	RAM (GB)	CPU	CPU Usage	RAM Usage	Disk Size	Flavour	RAM	CPU	Operating System	Disk Type	Pricing Strategy	Reservation Term	License Options	Compute + OS Cost Per Month
KLV-0072	8	4	0%	0%	80 GB	Standard_L	16 GB	4	Windows	\$6 LRS	Consumpt	-	License In	\$362.08
KLV-0044	2	1	0%	0%	65 GB	Standard_L	3.5 GB	1	Windows	\$6 LRS	Consumpt	-	License In	\$98.55
KLV-0063	32	4	0%	0%	438 GB	Standard_L	32 GB	4	Windows	\$20 LRS	Consumpt	-	License In	\$421.21

Destination Total Cost: \$64,659.31

Click on the **Save & Next** button.
After clicking on the **Save & Next** button, the user is navigating to the Database tab.

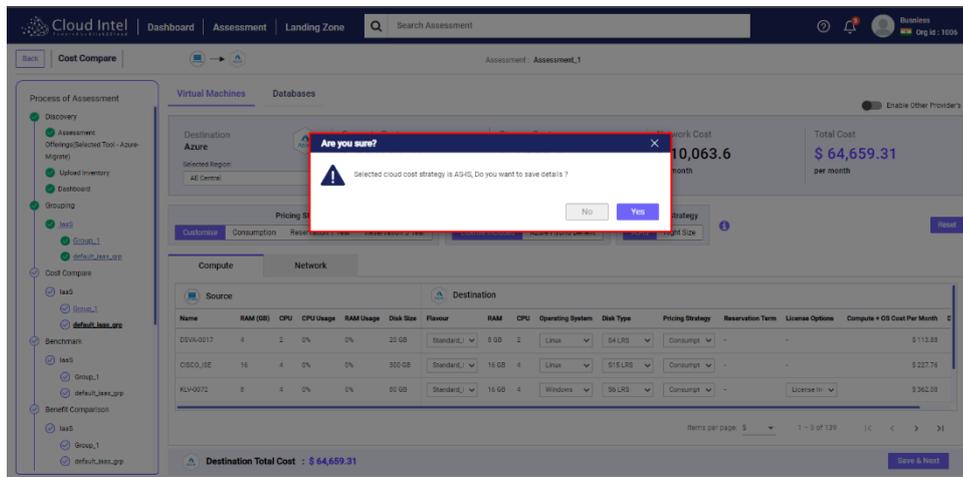


Virtual Machines Databases

Destination: **Azure** Compute Cost: **\$ 51,939.21** per month Storage Cost: **\$ 2,656.5** per month Network Cost: **\$ 10,063.6** per month Total Cost: **\$ 64,659.31** per month

Name	RAM (GB)	CPU	CPU Usage	RAM Usage	Disk Size	Flavour	RAM	CPU	Operating System	Disk Type	Pricing Strategy	Reservation Term	License Options	Compute + OS Cost Per Month
D2V4-0017	4	2	0%	0%	20 GB	Standard.L	8 GB	2	Linux	\$4 LRS	Consumpt	-	-	\$ 113.89
CISCO_SE	16	4	0%	0%	300 GB	Standard.L	16 GB	4	Linux	\$15 LRS	Consumpt	-	-	\$ 227.76
KVM0072	8	4	0%	0%	80 GB	Standard.L	16 GB	4	Windows	\$6 LRS	Consumpt	-	License In	\$ 362.09

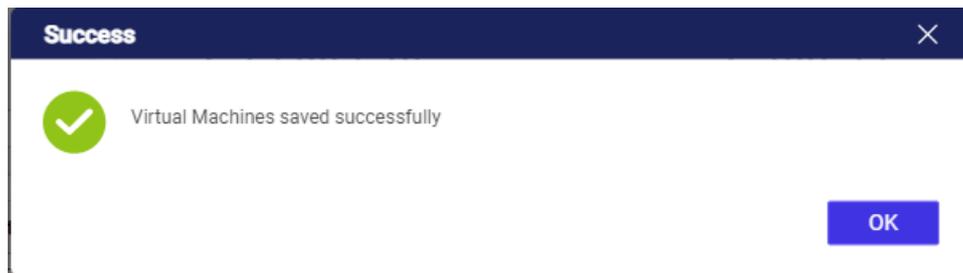
Destination Total Cost : **\$ 64,659.31**



Are you sure?
Selected cloud cost strategy is AS-IS, Do you want to save details?

Yes No

Click on the 'OK' button on the success pop-up.



Success

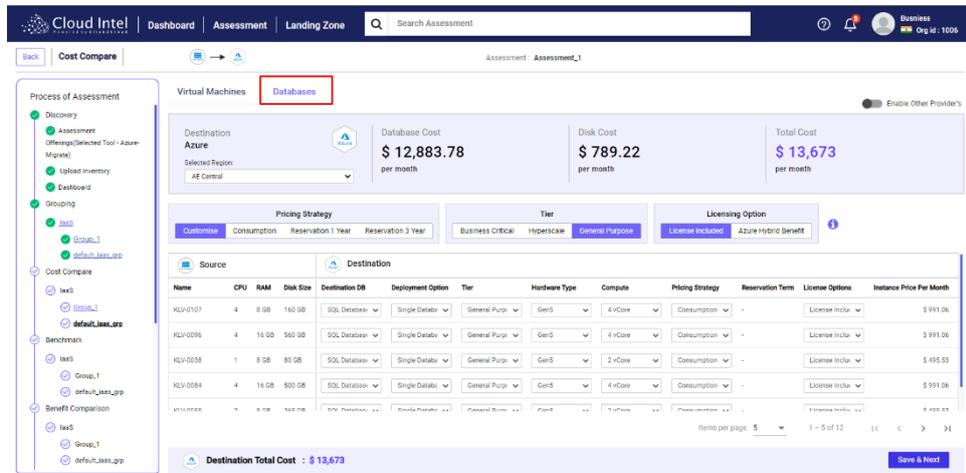
Virtual Machines saved successfully

OK

10.2 Cost Calculator-> Databases: -

On the **Cost compare** page, click on the **Databases** option, selected databases are displayed in the source section. In the destination section Destination DB, Deployment Option, Tier, Hardware Type, **Compute**, **Pricing Strategy**, and **Storage amount (GB)** options will be given to select as per the user choice. After the selection of values, click the destination cloud (Currently supported clouds are: Azure, AWS, Huawei, and Alibaba) for checking the resource cost. Also, users can select the different regions on the desired cloud and perform cost analysis on the other clouds for the same region by selecting the option 'Enable Similar Region'.

Click on the 'Save' button.



Virtual Machines **Databases**

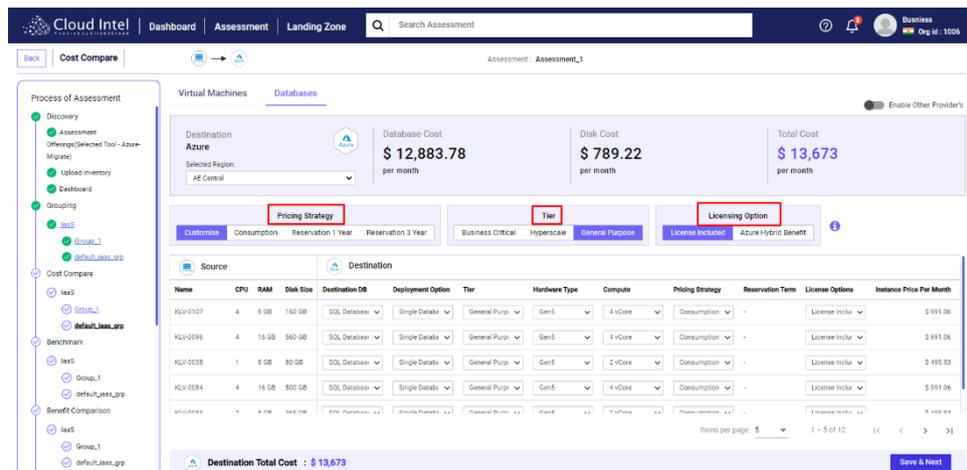
Destination: Azure
Database Cost: \$12,883.78 per month
Disk Cost: \$789.22 per month
Total Cost: \$13,673 per month

Pricing Strategy: Consumption | Tier: General Purpose | Licensing Option: License Included

Name	CPU	RAM	Disk Size	Destination DB	Deployment Option	Tier	Hardware Type	Compute	Pricing Strategy	Reservation Term	License Options	Instance Price Per Month
KVU-0107	4	8 GB	160 GB	SQL Database	Single Database	General Purp	Gen5	4 vCore	Consumption	-	License Includ	\$ 991.06
KVU-0096	4	16 GB	560 GB	SQL Database	Single Database	General Purp	Gen5	4 vCore	Consumption	-	License Includ	\$ 991.06
KVU-0038	1	8 GB	80 GB	SQL Database	Single Database	General Purp	Gen5	2 vCore	Consumption	-	License Includ	\$ 495.53
KVU-0084	4	16 GB	500 GB	SQL Database	Single Database	General Purp	Gen5	4 vCore	Consumption	-	License Includ	\$ 991.06

Destination Total Cost : \$ 13,673

On a Cost Compare page, For Azure cloud users can find the cloud resources cost according to the Pricing Strategy, Tier, and Licensing options, as per the selection.



Virtual Machines **Databases**

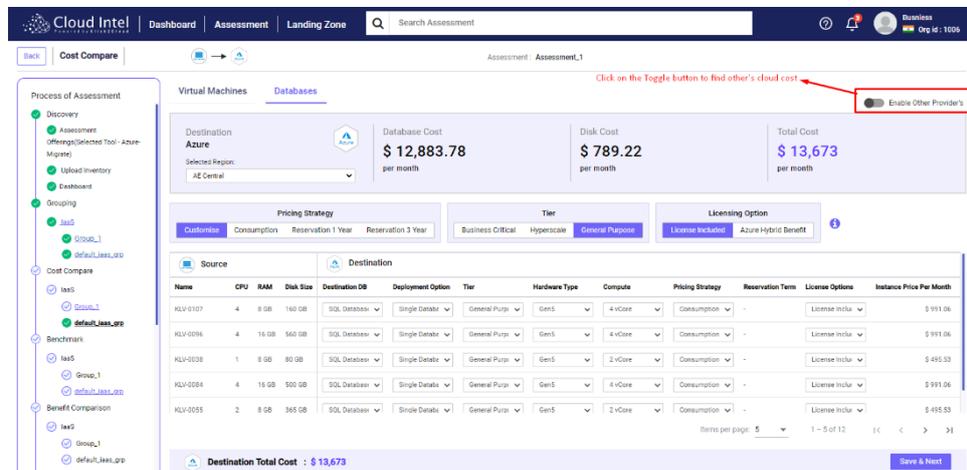
Destination: Azure
Database Cost: \$12,883.78 per month
Disk Cost: \$789.22 per month
Total Cost: \$13,673 per month

Pricing Strategy: Consumption | Tier: General Purpose | Licensing Option: License Included

Name	CPU	RAM	Disk Size	Destination DB	Deployment Option	Tier	Hardware Type	Compute	Pricing Strategy	Reservation Term	License Options	Instance Price Per Month
KVU-0107	4	8 GB	160 GB	SQL Database	Single Database	General Purp	Gen5	4 vCore	Consumption	-	License Includ	\$ 991.06
KVU-0096	4	16 GB	560 GB	SQL Database	Single Database	General Purp	Gen5	4 vCore	Consumption	-	License Includ	\$ 991.06
KVU-0038	1	8 GB	80 GB	SQL Database	Single Database	General Purp	Gen5	2 vCore	Consumption	-	License Includ	\$ 495.53
KVU-0084	4	16 GB	500 GB	SQL Database	Single Database	General Purp	Gen5	4 vCore	Consumption	-	License Includ	\$ 991.06

Destination Total Cost : \$ 13,673

Click on Click on the 'Enable Other Providers' toggle button. The other provider's cloud cost is visible.



Virtual Machines **Databases**

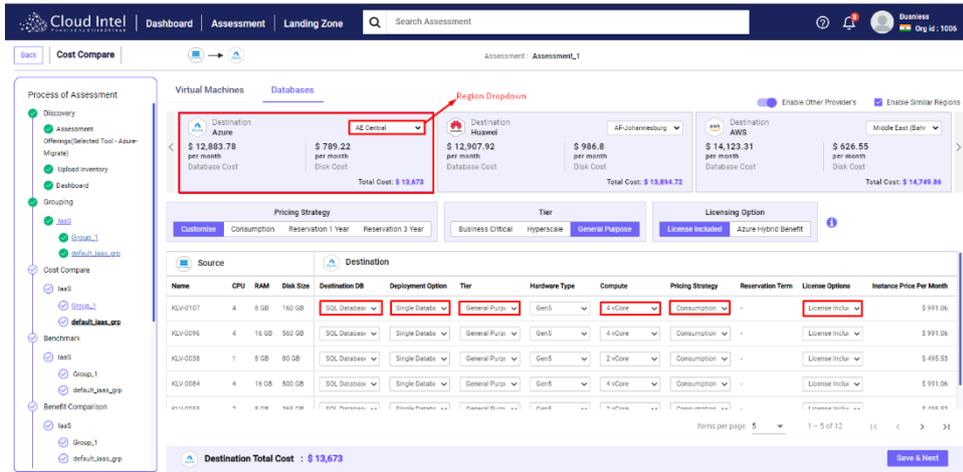
Destination: Azure
Database Cost: \$12,883.78 per month
Disk Cost: \$789.22 per month
Total Cost: \$13,673 per month

Pricing Strategy: Consumption | Tier: General Purpose | Licensing Option: License Included

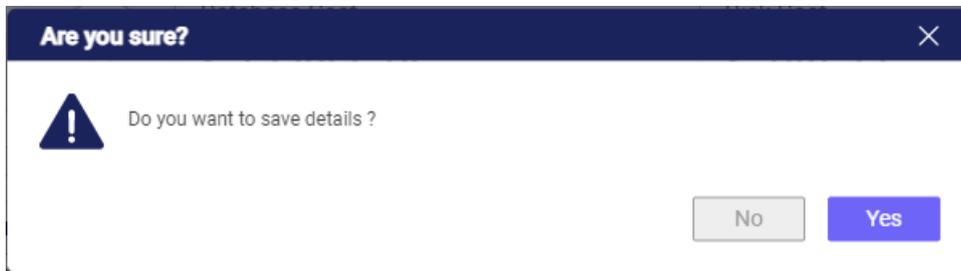
Name	CPU	RAM	Disk Size	Destination DB	Deployment Option	Tier	Hardware Type	Compute	Pricing Strategy	Reservation Term	License Options	Instance Price Per Month
KVU-0107	4	8 GB	160 GB	SQL Database	Single Database	General Purp	Gen5	4 vCore	Consumption	-	License Includ	\$ 991.06
KVU-0096	4	16 GB	560 GB	SQL Database	Single Database	General Purp	Gen5	4 vCore	Consumption	-	License Includ	\$ 991.06
KVU-0038	1	8 GB	80 GB	SQL Database	Single Database	General Purp	Gen5	2 vCore	Consumption	-	License Includ	\$ 495.53
KVU-0084	4	16 GB	500 GB	SQL Database	Single Database	General Purp	Gen5	4 vCore	Consumption	-	License Includ	\$ 991.06
KVU-0055	2	8 GB	365 GB	SQL Database	Single Database	General Purp	Gen5	2 vCore	Consumption	-	License Includ	\$ 495.53

Destination Total Cost : \$ 13,673

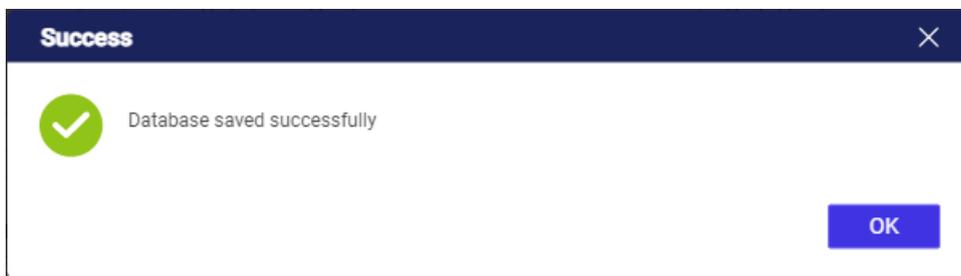
Click on the Toggle button to find other's cloud cost



Click on the 'Yes' button on the Confirmation pop-up.



Click on the 'OK' button on the success pop-up.



11. Benchmark

The benchmark feature allows users to add and update the existing benchmarks and set them as default benchmarks for the upcoming assessments to provide better Cost Types comparisons.

Sl. No.	Item	Value	Unit
1	Backup Software Costs	10	%
2	Cost of backup per usable GB	1.5	\$
3	Number of copies required	1	Count
4	Percentage of total storage for backup	100	%

iaas -> default_iaas_grp

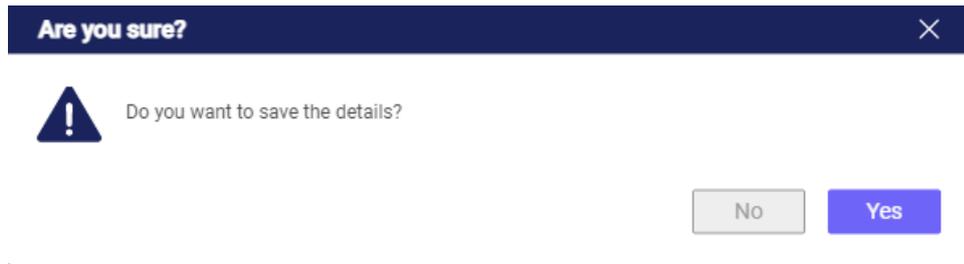
Click on the **Benchmark** link and the user will be able to create a new Benchmark. Enter the name in the 'Add Benchmark' field and click on the 'Add' button.

Click on the 'YES' button on the confirmation pop-up.

Click on the 'OK' button on the success pop-up.



After adding a new benchmark, click on the **'Yes'** button on the Confirmation pop-up.



Click on the **'OK'** button on the success pop-up.



The new benchmark automatically gets selected in the **'Select Benchmark'** dropdown or the user can map existing benchmarks from the same dropdown.

On adding Benchmark, User has to fill in the assumptions for the on-prem resource **Cost types**, which by default values are already stored based on average analysis which can be modified as per the requirements.

Process of Assessment

- Upload inventory
- Dashboard
- Grouping
- ias
- default_ias_grp
- Cost Compare
- ias
- default_ias_grp
- Benchmark**
- ias
- default_ias_grp
- Benefit Comparison
- ias
- default_ias_grp
- TCO Report
- ias
- default_ias_grp
- Sustainability Calculator
- ias
- default_ias_grp
- Executive Summary

Custom Benchmark
Add Benchmark
Enter Name Add

Benchmark Mapping
Select Benchmark
User 1

Cost Types
Backup Carbon Footprint Customer Profile Database Datacentre Disaster Recovery Hardware IT Labour Migration Network Software Storage Virtualization

Assumptions > Backup Cost

Sl. No.	Item	Value	Unit
1	Backup Software Costs	<input type="text" value="10"/>	%
2	Cost of backup per usable GB	<input type="text" value="1.5"/>	\$
3	Number of copies required	<input type="text" value="1"/>	Count
4	Percentage of total storage for backup	<input type="text" value="100"/>	%

All the fields are mandatory Save & Next

To import the existing benchmark, select the benchmark from the **'Benchmark Mapping'** dropdown and click on the **'Import'** button.

Process of Assessment

- Discovery
- Assessment Offerings (Selected Tool - Azure Migrate)
- Upload inventory
- Dashboard
- Grouping
- ias
- default_ias_grp
- Cost Compare
- ias
- default_ias_grp
- Benchmark**
- ias
- default_ias_grp
- Benefit Comparison
- ias
- default_ias_grp
- TCO Report
- ias
- default_ias_grp
- Sustainability Calculator

Custom Benchmark
Add Benchmark
Enter Name Add

Benchmark Mapping
Select Benchmark
Default
User 1 **Import** ← Provides user to map or import old benchmark

Cost Types
Backup Carbon Footprint Customer Profile Database Datacentre Disaster Recovery Hardware IT Labour Migration Network Software Storage Virtualization

Assumptions > Backup Cost

Sl. No.	Item	Value	Unit
1	Backup Software Costs	10	%
2	Cost of backup per usable GB	1.5	\$
3	Number of copies required	1	Count
4	Percentage of total storage for backup	100	%

All the fields are mandatory Save & Next

Import Benchmark ✕

New Benchmark Name *

Enter New Benchmark Name

Cancel

Import

Enter the **Benchmark** name in the text field, after entering the Benchmark name click on the **Import** button.

Import Benchmark ✕

New Benchmark Name *

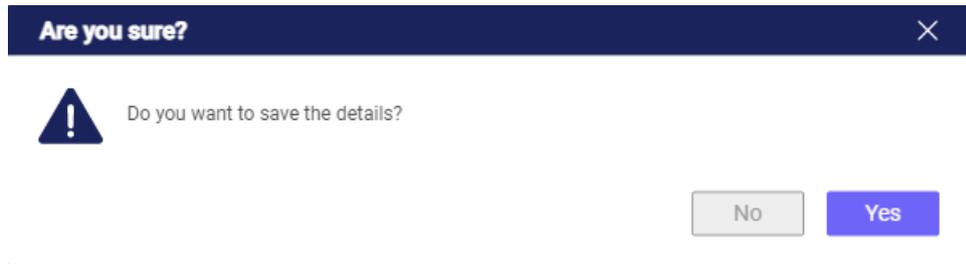
New User

Cancel

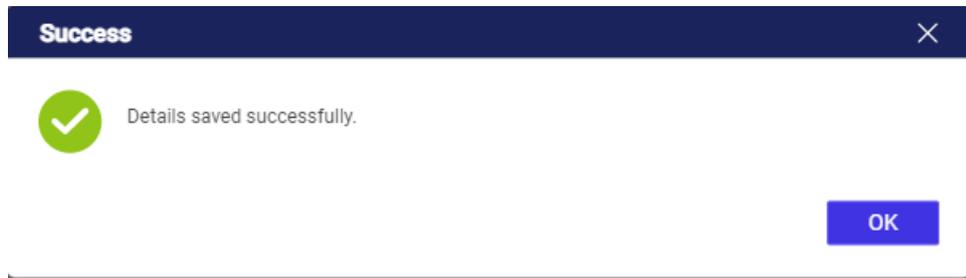
Import

Add Benchmark name
Click on Import button

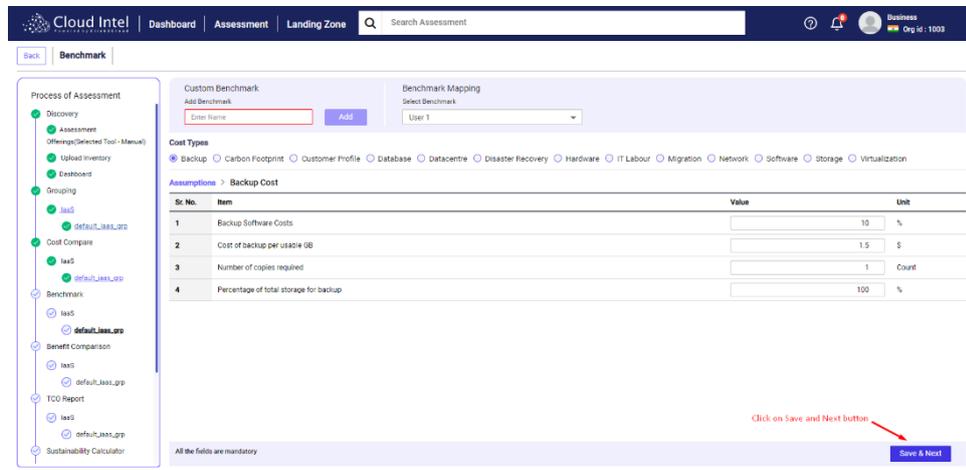
Click on the 'YES' button on the confirmation pop-up.



Click on the 'OK' button on the success pop-up.



After saving the Assumptions input, click on the 'Save & Next' button.



Click on the 'YES' button on the confirmation pop-up.

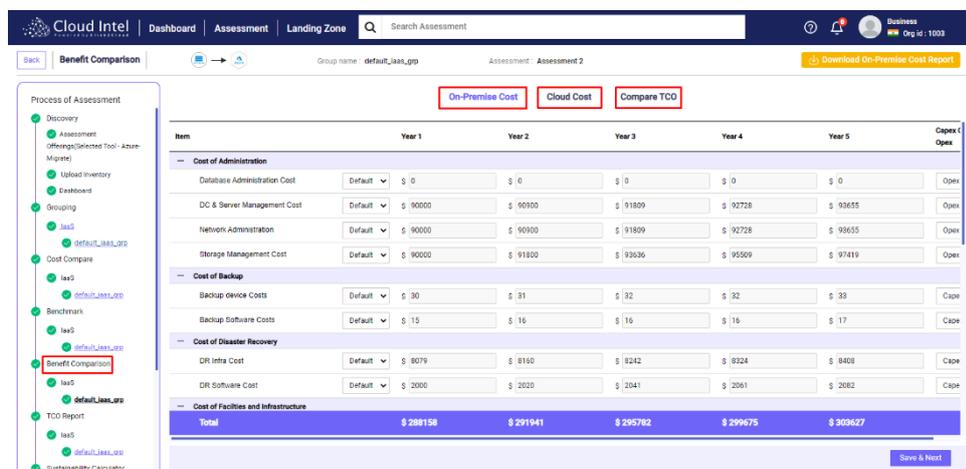


Click on the 'OK' button on the success pop-up.



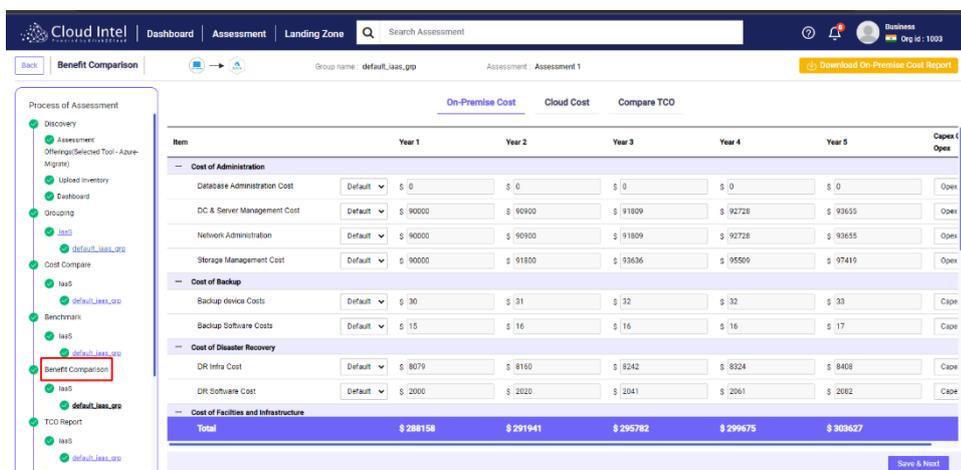
After clicking on **Save & Next** button, the User navigates to the Benefit Comparison page.

On the **'Benefit Comparison page'**, **'On-Premise Cost'**, **'Cloud Cost'**, and **'Compare TCO'** tabs will be displayed.



12. Benefit Comparison

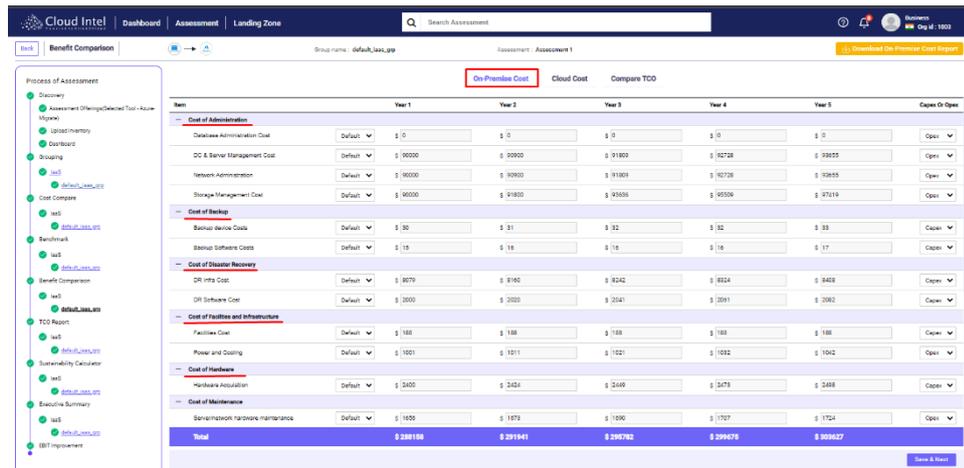
The Benefit Comparison provides details of the On-premise resource costs and the Cloud costs for the resources, User can view the total savings cost in the graphical format.



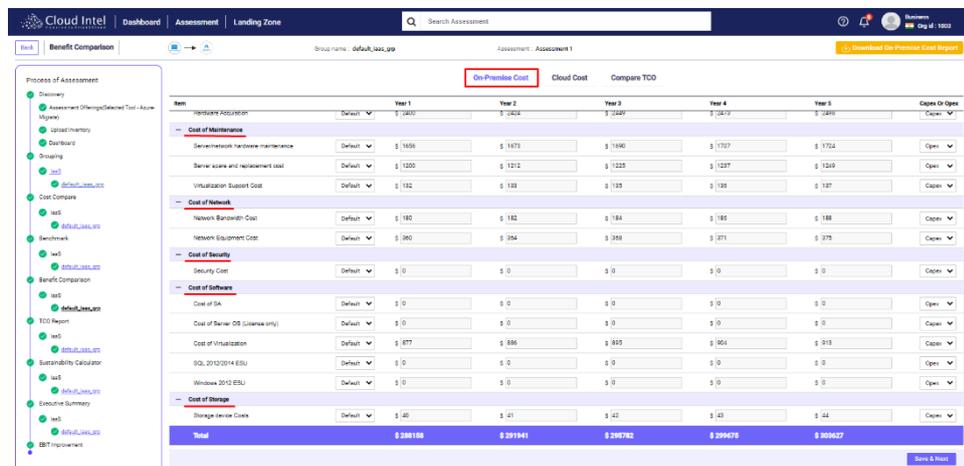
12.1 On-prem Cost

IaaS -> default_iaas_grp ->

On-Premises Cost: - It will show 1 year up to 5 years predicted On-Premises resources cost. Here Users can check the 'Cost of Administration', 'Cost of Backup', 'Cost of Disaster Recovery', 'Cost of Facilities and Infrastructure', 'Cost of Hardware', 'Cost of Maintenance', 'Cost of Network', 'Cost of Security', 'Cost of Software' and 'Cost of Storage'.



Item	Year 1	Year 2	Year 3	Year 4	Year 5	Capex Or Opex
Cost of Administration						
On-premise Administration Cost	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	Opex
DC & Server Management Cost	\$ 90000	\$ 90000	\$ 91800	\$ 92728	\$ 93655	Opex
Network Administration	\$ 90000	\$ 90000	\$ 91800	\$ 92728	\$ 93655	Opex
Storage Management Cost	\$ 90000	\$ 91800	\$ 93600	\$ 95308	\$ 97119	Opex
Cost of Backup						
Backup device Costs	\$ 30	\$ 31	\$ 32	\$ 33	\$ 33	Capex
Storage Software Costs	\$ 118	\$ 118	\$ 118	\$ 117	\$ 117	Capex
Cost of Disaster Recovery						
DR Infra Cost	\$ 9079	\$ 9190	\$ 9342	\$ 9524	\$ 9698	Opex
DR Software Cost	\$ 2000	\$ 2000	\$ 2041	\$ 2081	\$ 2082	Opex
Cost of Facilities and Infrastructure						
Facilities Cost	\$ 188	\$ 188	\$ 188	\$ 188	\$ 188	Opex
Power and Cooling	\$ 1001	\$ 1011	\$ 1021	\$ 1032	\$ 1042	Opex
Cost of Hardware						
Hardware Acquisition	\$ 2400	\$ 2424	\$ 2448	\$ 2478	\$ 2488	Capex
Cost of Maintenance						
Server/network hardware maintenance	\$ 1000	\$ 1073	\$ 1090	\$ 1107	\$ 1124	Opex
Total	\$ 288198	\$ 291941	\$ 295782	\$ 299678	\$ 303627	



Item	Year 1	Year 2	Year 3	Year 4	Year 5	Capex Or Opex
Cost of Maintenance						
Server/network hardware maintenance	\$ 1000	\$ 1073	\$ 1090	\$ 1107	\$ 1124	Opex
Server racks and replacement cost	\$ 1200	\$ 1212	\$ 1225	\$ 1237	\$ 1249	Opex
Virtualization Support Cost	\$ 132	\$ 133	\$ 135	\$ 136	\$ 137	Opex
Cost of Network						
Network Bandwidth Cost	\$ 180	\$ 182	\$ 184	\$ 185	\$ 188	Opex
Network Equipment Cost	\$ 380	\$ 384	\$ 389	\$ 393	\$ 397	Opex
Cost of Security						
Security Cost	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	Opex
Cost of Software						
Cost of OS	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	Opex
Cost of Server OS (License only)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	Opex
Cost of Virtualization	\$ 877	\$ 886	\$ 895	\$ 904	\$ 913	Opex
SQL 2012/2014 ESU	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	Opex
Windows 2012 ESU	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	Opex
Cost of Storage						
Storage device Costs	\$ 40	\$ 41	\$ 42	\$ 43	\$ 44	Opex
Total	\$ 288198	\$ 291941	\$ 295782	\$ 299678	\$ 303627	

Here Users can download the 'On-Premise Cost Report' in PDF format. It gives a detailed description of the On-Premise resource costs.

Cloud Intel | Dashboard | Assessment | Landing Zone | Search Assessment | Business | Org id: 1003

Benefit Comparison | Group name: default_iaas_grp | Assessment: Assessment 1 | [Download On-Premise Cost Report](#)

Process of Assessment

- Discovery
- Assessment Offerings (Selected tool - Azure Migrate)
- Upload Inventory
- Dashboard
- Grouping
- IAS
- default_iaas_grp
- Cost Compare
- IAS
- default_iaas_grp
- Benchmark
- IAS
- default_iaas_grp
- Benefit Comparison
- IAS
- default_iaas_grp
- TCO Report
- IAS
- default_iaas_grp
- Sustainability Parameter

Item	Year 1	Year 2	Year 3	Year 4	Year 5	Capex Or Opex
Cost of Administration						
Database Administration Cost	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	Opex
DC & Server Management Cost	\$ 90000	\$ 90900	\$ 91809	\$ 92728	\$ 93655	Opex
Network Administration	\$ 90000	\$ 90900	\$ 91809	\$ 92728	\$ 93655	Opex
Storage Management Cost	\$ 90000	\$ 91800	\$ 93636	\$ 95509	\$ 97419	Opex
Cost of Backup						
Backup device Costs	\$ 30	\$ 31	\$ 32	\$ 32	\$ 33	Capex
Backup Software Costs	\$ 15	\$ 16	\$ 16	\$ 16	\$ 17	Capex
Cost of Disaster Recovery						
DR Infra Cost	\$ 8079	\$ 8160	\$ 8242	\$ 8324	\$ 8408	Capex
DR Software Cost	\$ 2000	\$ 2020	\$ 2041	\$ 2061	\$ 2082	Capex
Cost of Facilities and Infrastructure						
Total	\$ 288158	\$ 291941	\$ 295782	\$ 299679	\$ 303627	

[Save & Next](#)

CloudIntel : On-Premise Cost Report

Nomination : Business UG | Assessment : Assessment 2 | Group : default_iaas_grp

Item	Year 1	Year 2	Year 3	Year 4	Year 5	Capex Or Opex
Cost of Administration						
Database Administration Cost	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	Opex
DC & Server Management Cost	\$ 90000	\$ 90900	\$ 91809	\$ 92728	\$ 93655	Opex
Network Administration	\$ 90000	\$ 90900	\$ 91809	\$ 92728	\$ 93655	Opex
Storage Management Cost	\$ 90000	\$ 91800	\$ 93636	\$ 95509	\$ 97419	Opex
Cost of Backup						
Backup device Costs	\$ 48	\$ 49	\$ 50	\$ 51	\$ 52	Capex
Backup Software Costs	\$ 24	\$ 25	\$ 25	\$ 26	\$ 26	Capex
Cost of Disaster Recovery						
DR Infra Cost	\$ 8130	\$ 8212	\$ 8294	\$ 8377	\$ 8461	Capex
DR Software Cost	\$ 2000	\$ 2020	\$ 2041	\$ 2061	\$ 2082	Capex
Cost of Facilities and Infrastructure						
Facilities Cost	\$ 188	\$ 188	\$ 188	\$ 188	\$ 188	Capex
Power and Cooling	\$ 1001	\$ 1011	\$ 1021	\$ 1032	\$ 1042	Opex
Cost of Hardware						
Hardware Acquisition	\$ 2400	\$ 2424	\$ 2449	\$ 2473	\$ 2498	Capex
Cost of Maintenance						
Server/network hardware maintenance	\$ 1658	\$ 1673	\$ 1690	\$ 1707	\$ 1724	Opex
Server spare and replacement cost	\$ 1200	\$ 1212	\$ 1225	\$ 1237	\$ 1249	Opex
Virtualization Support Cost	\$ 132	\$ 133	\$ 135	\$ 136	\$ 137	Capex

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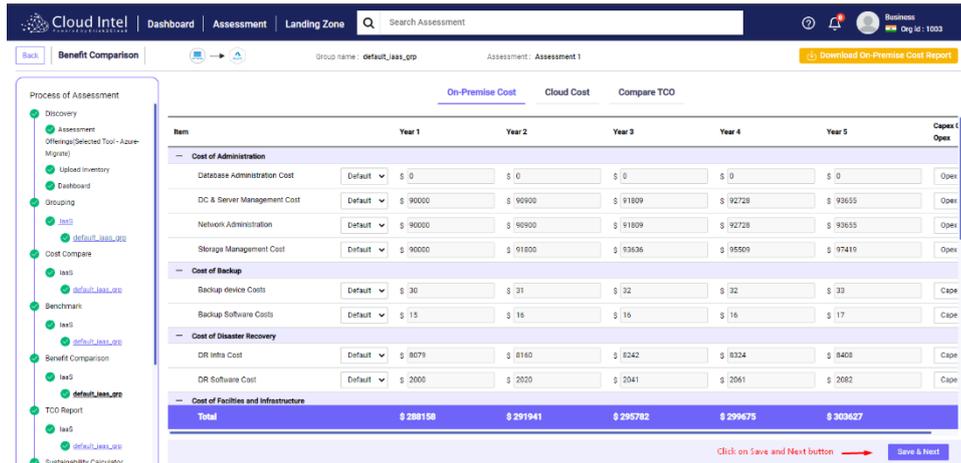
CloudIntel : On-Premise Cost Report

Nomination : Business UG | Assessment : Assessment 2 | Group : default_iaas_grp

Item	Year 1	Year 2	Year 3	Year 4	Year 5	Capex Or Opex
Cost of Network						
Network Bandwidth Cost	\$ 180	\$ 182	\$ 184	\$ 186	\$ 188	Capex
Network Equipment Cost	\$ 360	\$ 364	\$ 368	\$ 371	\$ 375	Capex
Cost of Security						
Security Cost	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	Capex
Cost of Software						
Cost of SA	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	Opex
Cost of Server OS (License only)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	Capex
Cost of Virtualization	\$ 877	\$ 886	\$ 895	\$ 904	\$ 913	Capex
SQL 2012/2014 ESU	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	Opex
Windows 2012 ESU	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	Opex
Cost of Storage						
Storage device Costs	\$ 64	\$ 66	\$ 67	\$ 68	\$ 70	Capex
Total	\$ 288260	\$ 292045	\$ 295886	\$ 299782	\$ 303734	

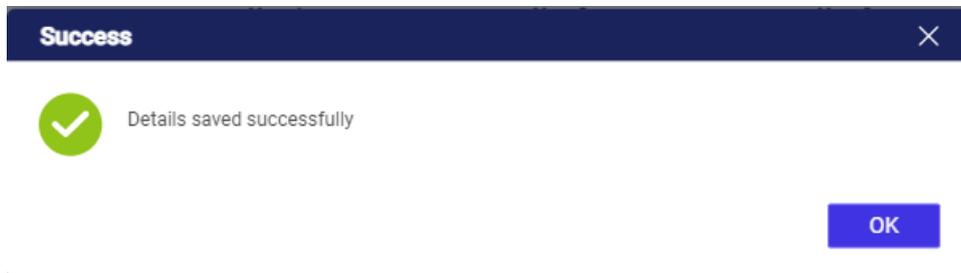
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Click on the 'Save & Next' button.



Item	Year 1	Year 2	Year 3	Year 4	Year 5	Capex / Opex
Cost of Administration						
Database Administration Cost	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	Opex
DC & Server Management Cost	\$ 90000	\$ 90900	\$ 91809	\$ 92728	\$ 93655	Opex
Network Administration	\$ 90000	\$ 90900	\$ 91809	\$ 92728	\$ 93655	Opex
Storage Management Cost	\$ 90000	\$ 91800	\$ 93636	\$ 95509	\$ 97419	Opex
Cost of Backup						
Backup device Costs	\$ 30	\$ 31	\$ 32	\$ 32	\$ 33	Capex
Backup Software Costs	\$ 15	\$ 16	\$ 16	\$ 16	\$ 17	Capex
Cost of Disaster Recovery						
DR Infra Cost	\$ 8079	\$ 8160	\$ 8242	\$ 8324	\$ 8408	Capex
DR Software Cost	\$ 2000	\$ 2020	\$ 2041	\$ 2061	\$ 2082	Capex
Cost of Facilities and Infrastructure						
Total	\$ 288158	\$ 291941	\$ 295782	\$ 299679	\$ 303427	

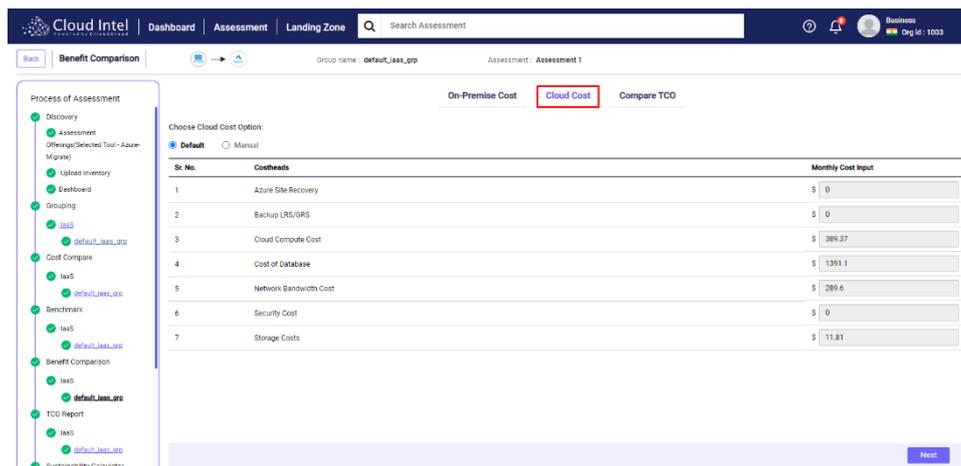
Click on the 'OK' button on the success pop-up.



After clicking on the 'Ok' button, the flow navigates the User to the 'Cloud Cost' tab.

12.2 Cloud Cost: -

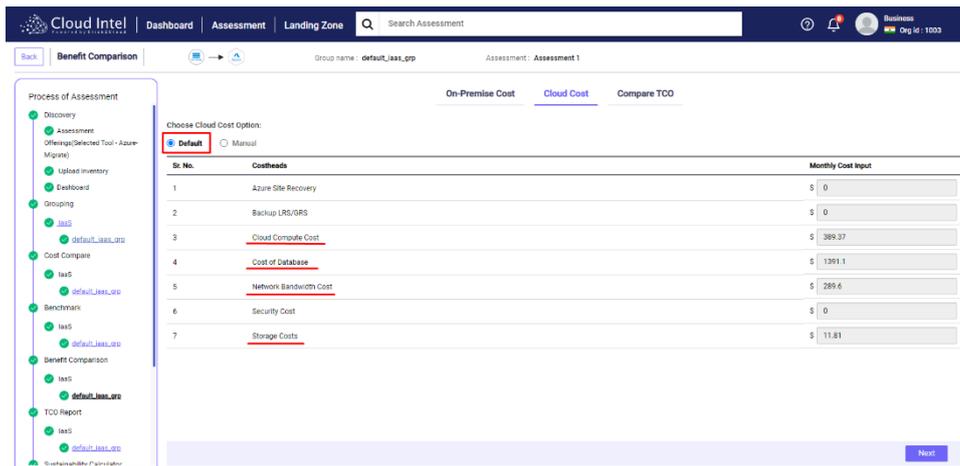
It shows the **Cloud Cost** which will be the cost required for hosting the On-Premise resources on Cloud.



Sr No.	Costheads	Monthly Cost Input
1	Azure Site Recovery	\$ 0
2	Backup LRS/SRS	\$ 0
3	Cloud Compute Cost	\$ 389.37
4	Cost of Database	\$ 1361.1
5	Network Bandwidth Cost	\$ 289.6
6	Security Cost	\$ 0
7	Storage Costs	\$ 11.81

On the **Cloud Cost** tab, User has the privilege to change the **Cloud Cost Option**, User can either select the 'Default' option or the 'Manual option'.

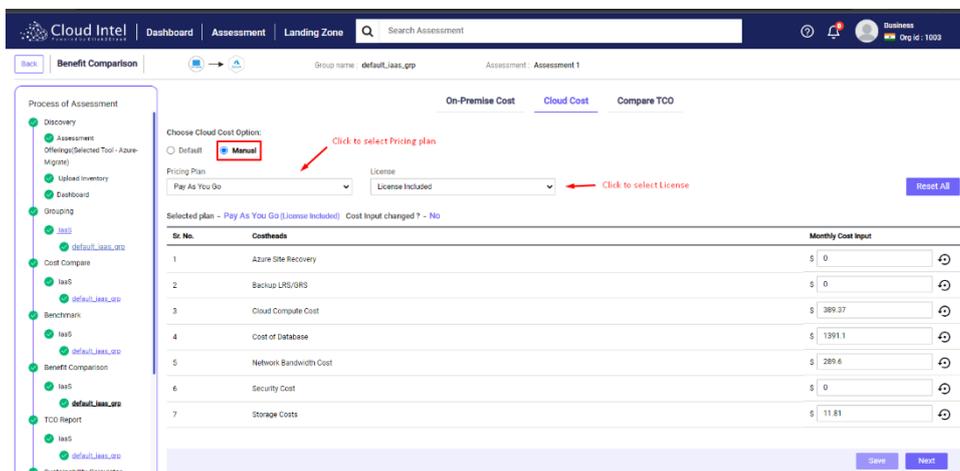
In the **Default** option, by default only 'Compute', 'Database', 'Network', and 'Storage' Costs will get saved and displayed.



The screenshot shows the 'Benefit Comparison' page in the Cloud Intel application. The 'Process of Assessment' sidebar on the left lists various steps, with 'Benefit Comparison' currently selected. The main content area is titled 'Benefit Comparison' and includes tabs for 'On-Premise Cost', 'Cloud Cost', and 'Compare TCO'. Under the 'Cloud Cost' tab, there is a section 'Choose Cloud Cost Option:' with two radio buttons: 'Default' (selected) and 'Manual'. Below this is a table with 7 rows of cost categories and their monthly inputs.

Sr. No.	Costheads	Monthly Cost Input
1	Azure Site Recovery	\$ 0
2	Backup LRS/GRS	\$ 0
3	Cloud Compute Cost	\$ 389.37
4	Cost of Database	\$ 1391.1
5	Network Bandwidth Cost	\$ 289.6
6	Security Cost	\$ 0
7	Storage Costs	\$ 11.81

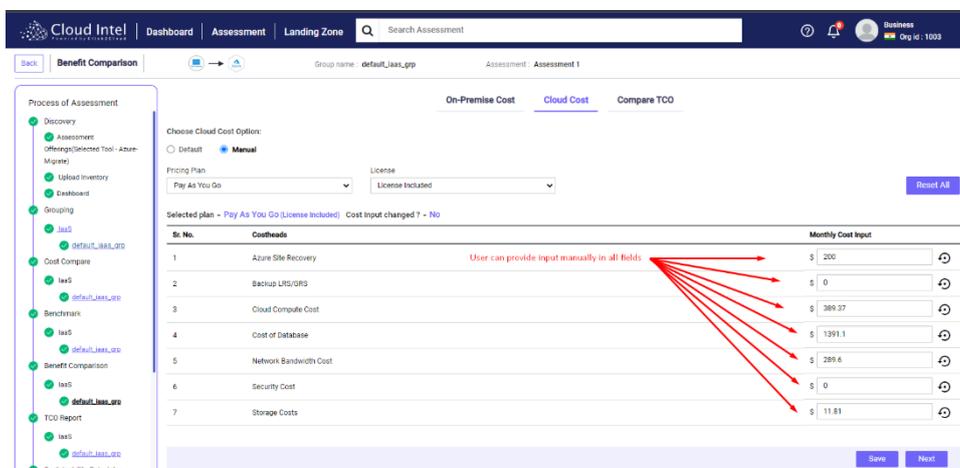
In the Manual option, the User can select Pricing Plan options like 'Pay As You Go', '1 Year' and '3 Year' from the 'Pricing Plan' dropdown and 'License' options 'License Included' and 'Azure Hybrid Benefit' from the 'License' dropdown.



This screenshot shows the 'Manual' option selected for 'Choose Cloud Cost Option:'. Below this, there are two dropdown menus: 'Pricing Plan' (set to 'Pay As You Go') and 'License' (set to 'License Included'). Red arrows point to these dropdowns with the text 'Click to select Pricing plan' and 'Click to select License'. A 'Reset All' button is also visible. The table below shows the same cost categories as the previous screenshot, but with a 'Monthly Cost Input' column that is currently empty.

Sr. No.	Costheads	Monthly Cost Input
1	Azure Site Recovery	
2	Backup LRS/GRS	
3	Cloud Compute Cost	
4	Cost of Database	
5	Network Bandwidth Cost	
6	Security Cost	
7	Storage Costs	

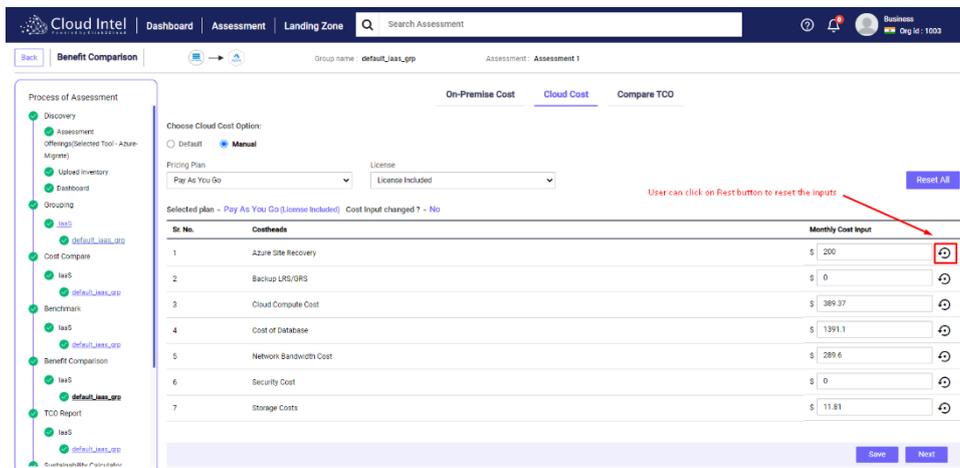
After selecting the Pricing Plan and License, User can update the Monthly Cost Input of 'Azure Site Recovery', 'Backup LRS / GRS', 'Cloud Compute Cost', 'Cost of Database', 'Network Bandwidth Cost', 'Security Cost' and 'Storage Cost' Costheads.



This screenshot shows the 'Manual' option selected, and the 'Monthly Cost Input' fields in the table are now populated with values. Red arrows point from the text 'User can provide input manually in all fields' to each of the input fields. The 'Save' and 'Next' buttons are visible at the bottom right.

Sr. No.	Costheads	Monthly Cost Input
1	Azure Site Recovery	\$ 200
2	Backup LRS/GRS	\$ 0
3	Cloud Compute Cost	\$ 389.37
4	Cost of Database	\$ 1391.1
5	Network Bandwidth Cost	\$ 289.6
6	Security Cost	\$ 0
7	Storage Costs	\$ 11.81

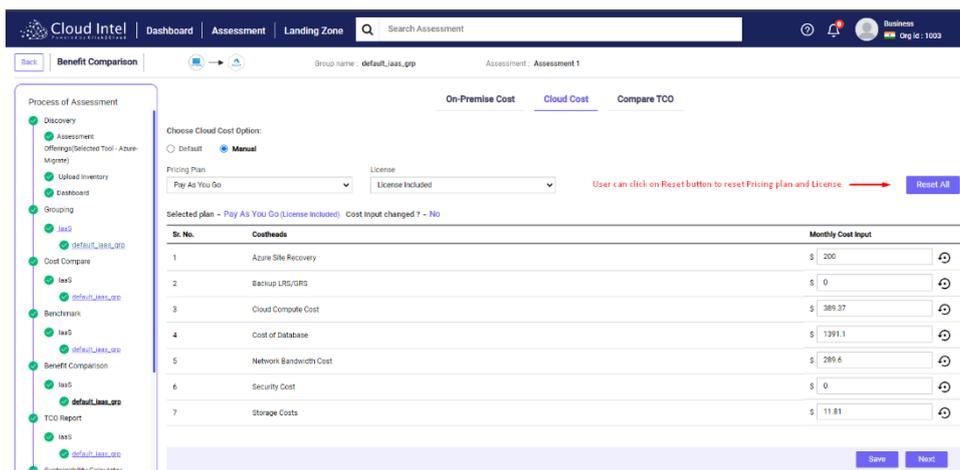
Users can Reset the Monthly Cost Input values by clicking on the Reset button present on the right-hand side of the Monthly Cost Input textbox.



The screenshot shows the 'Benefit Comparison' page in the Cloud Intel application. The 'Cloud Cost' tab is active. A table lists various cost items with their monthly costs. A red box highlights the 'Reset' icon (a circular arrow) on the right side of the 'Monthly Cost Input' column for the first item, 'Azure Site Recovery'. A red arrow points from the text 'User can click on Reset button to reset the inputs' to this icon.

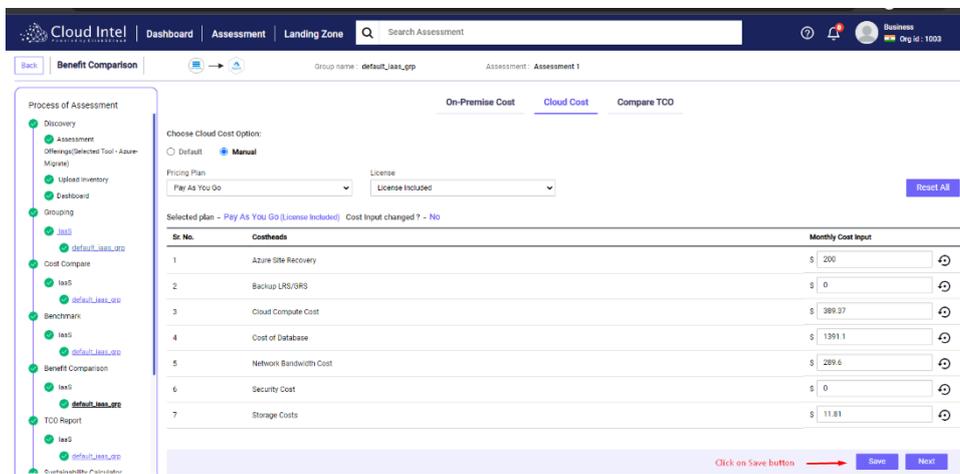
Sl. No.	Costheads	Monthly Cost Input
1	Azure Site Recovery	\$ 200
2	Backup LRS/GRS	\$ 0
3	Cloud Compute Cost	\$ 389.37
4	Cost of Database	\$ 1391.1
5	Network Bandwidth Cost	\$ 289.6
6	Security Cost	\$ 0
7	Storage Costs	\$ 11.81

On the Cloud Cost tab, the User can Reset the selected Pricing Plan and License by clicking on the Reset All button present on the right side of the page.



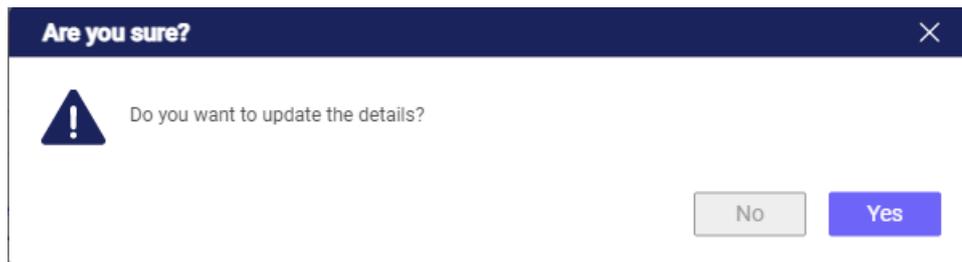
This screenshot is similar to the previous one but highlights the 'Reset All' button. A red arrow points from the text 'User can click on Reset button to reset Pricing plan and License' to the 'Reset All' button located on the right side of the page.

After updating the Input values, click on the 'Save' button.



This screenshot highlights the 'Save' button. A red arrow points from the text 'Click on Save button' to the 'Save' button located at the bottom right of the page.

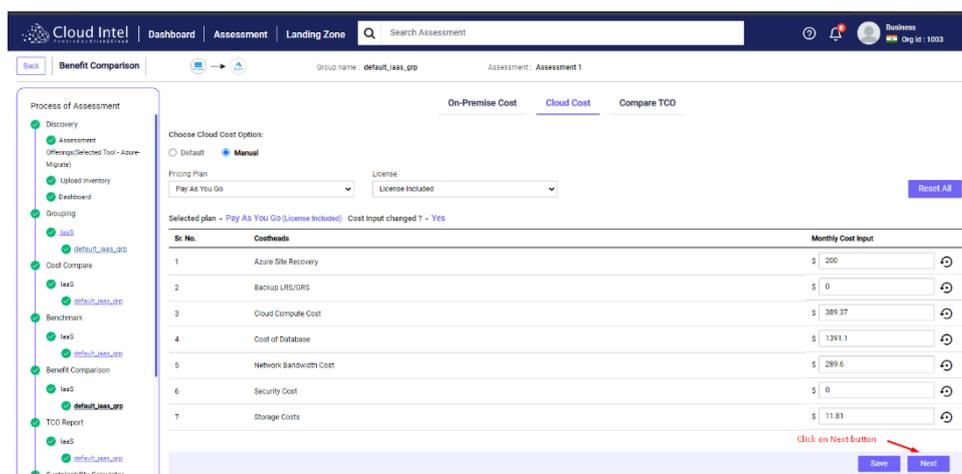
Click on the 'YES' button on the confirmation pop-up.



Click on the 'OK' button on the success pop-up.



Click on the 'Next' button.

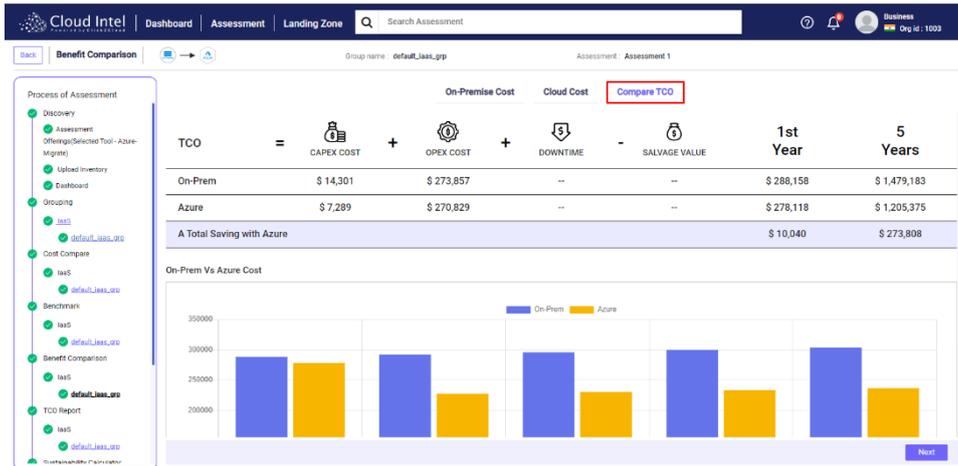


After clicking on the 'Next' button, the flow navigates the User to the 'Compare TCO' tab.

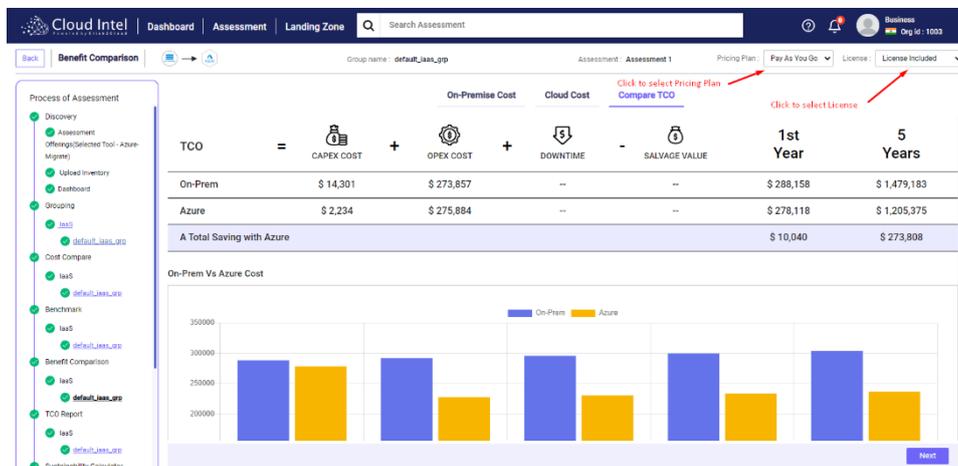
12.3 Compare TCO:-

It shows the calculations in between 'Capex Cost', 'Opex Cost', 'Downtime', and the 'Salvage value' for On-Premise and Cloud.

It also shows the Cost of 1 year up to 5 years for On-Premise and Cloud.

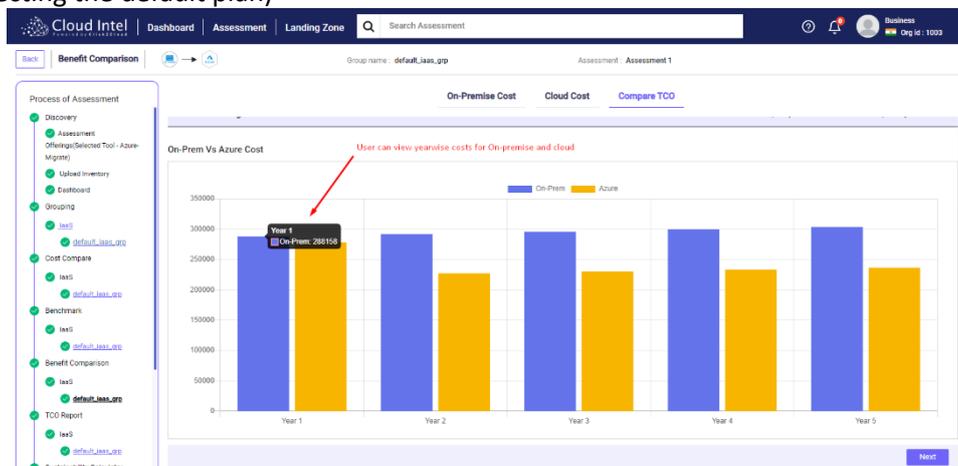


Users can select a Pricing plan and License from the dropdown and can view the cost of 1 Year up to 5 years and the Total Savings cost with the cloud.

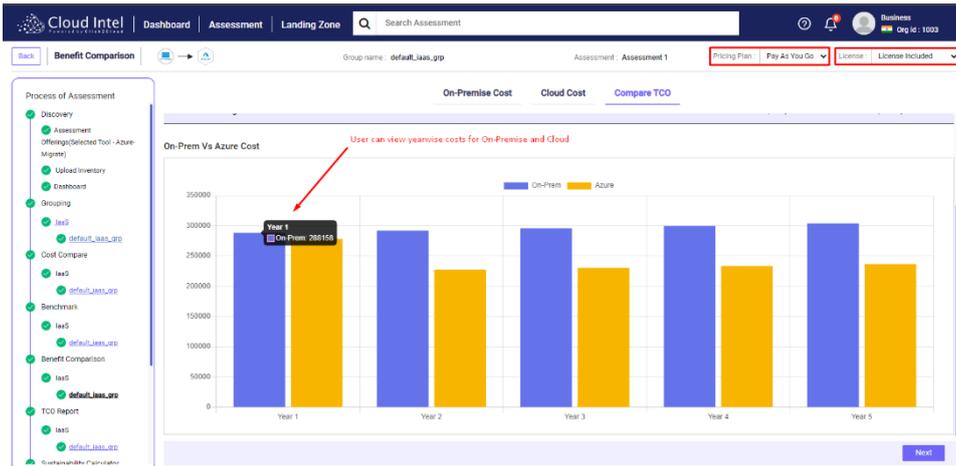


On **Compare TCO** tab, the User can view the Cost Comparison for 1 year up to 5 years of On-Premise and Cloud by hovering over the Graph.

(After selecting the default plan)

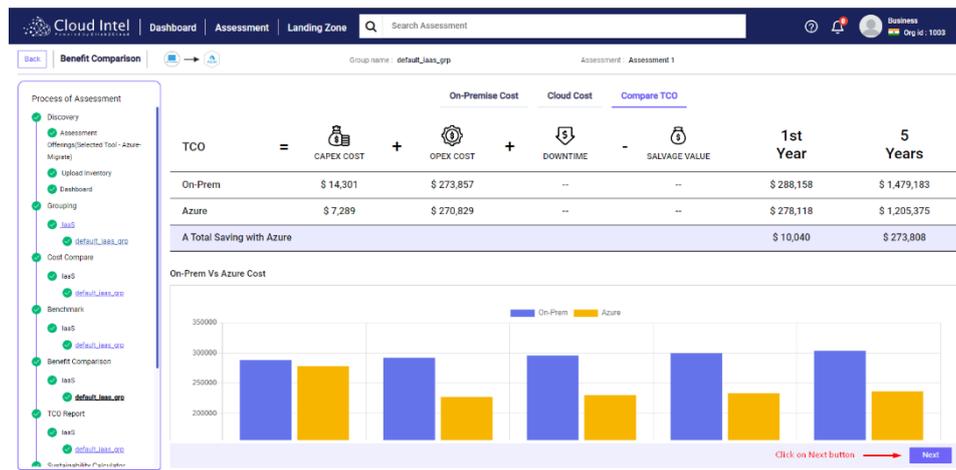


(After selecting Manual plan)

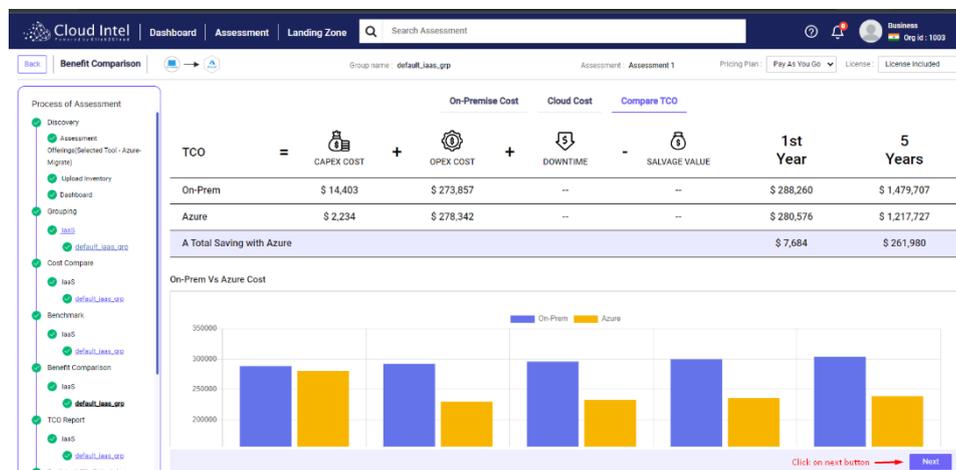


Click on the 'Next' button.

(After selecting the default plan)



(After selecting Manual plan)



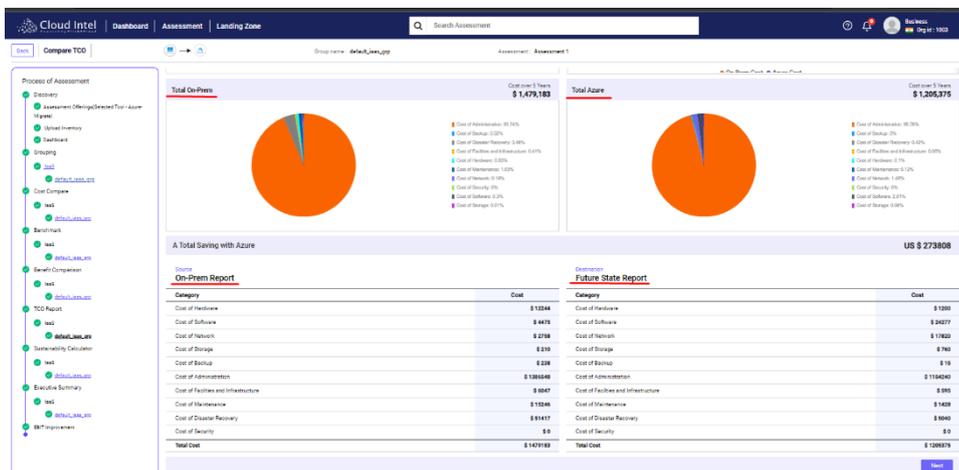
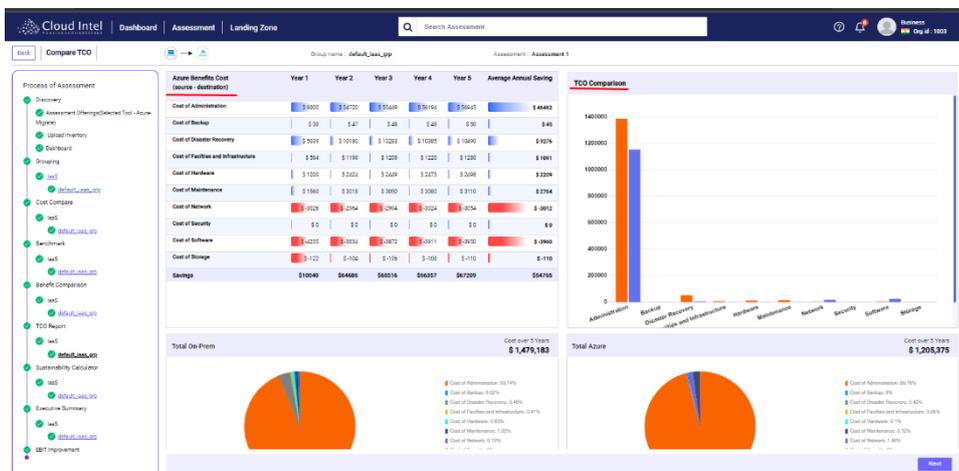
After clicking on the Next button, the User is navigated to the 'TCO Report' page.

13. TCO Report

IaaS -> Group_1 ->

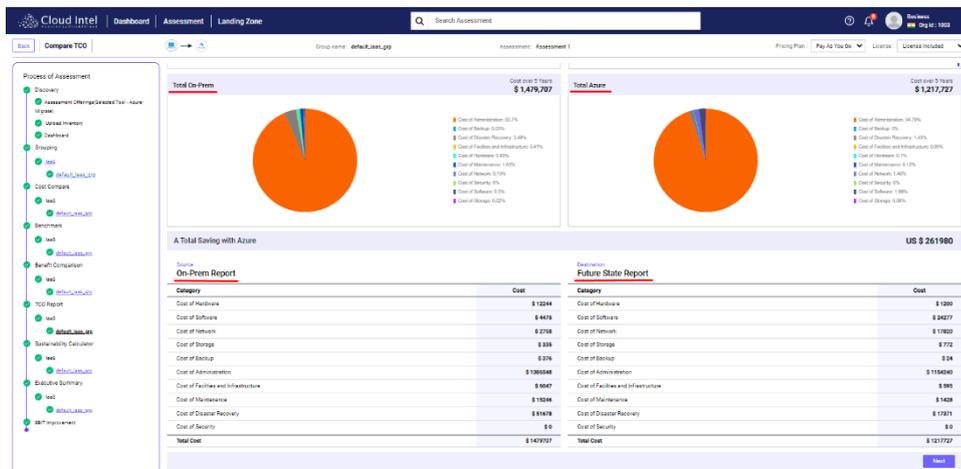
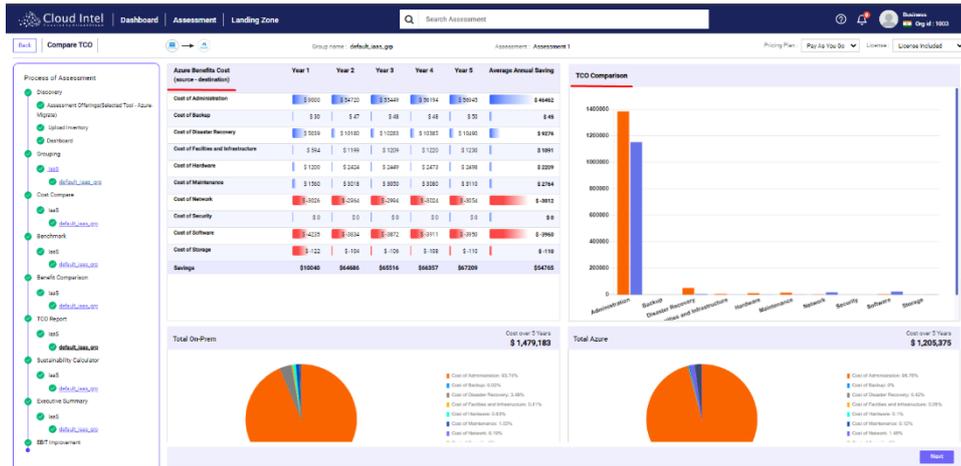
It shows graphical and tabular comparisons of 5 years predictions for On-prem and Cloud, also comprising of 'Azure Benefit Cost', 'TCO Comparison' Graph, 'Total On-Prem' and 'Total Azure' pie-charts, 'On-Prem Report' and 'Future State Report'.

(After selecting the default plan)



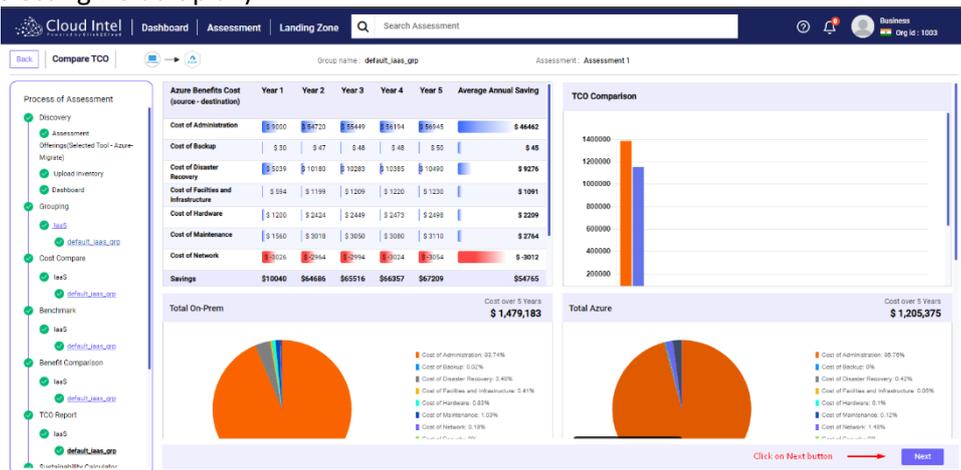
Users can view the graphs and tabular comparison as per the selected Pricing Plan and License if selected on the Cloud Cost tab.

(After selecting Manual plan)

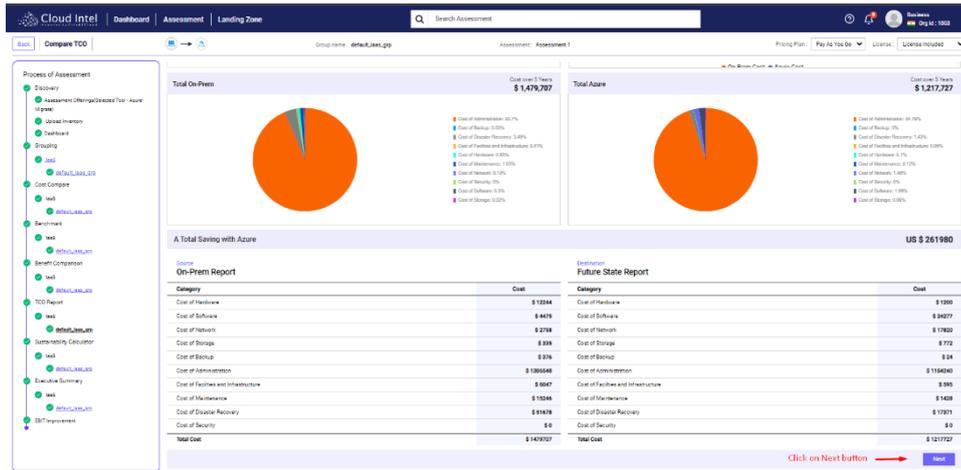


Click on the **Next** button.

(After selecting Default plan)



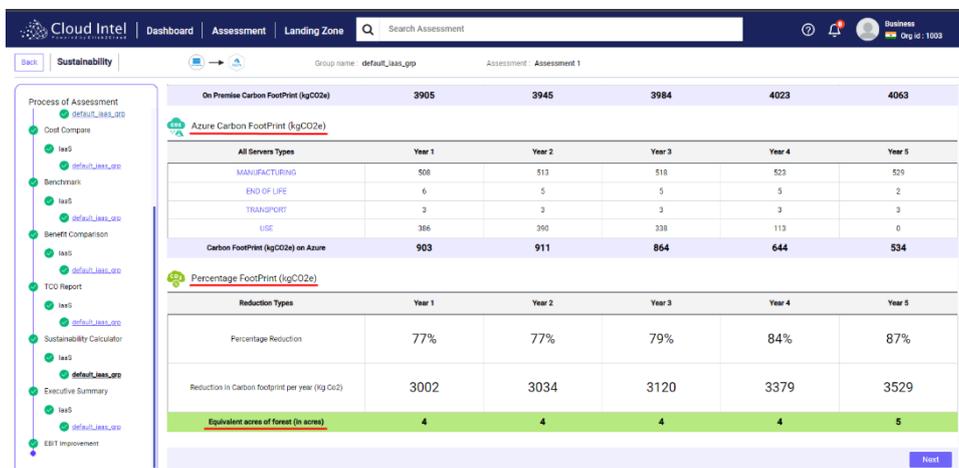
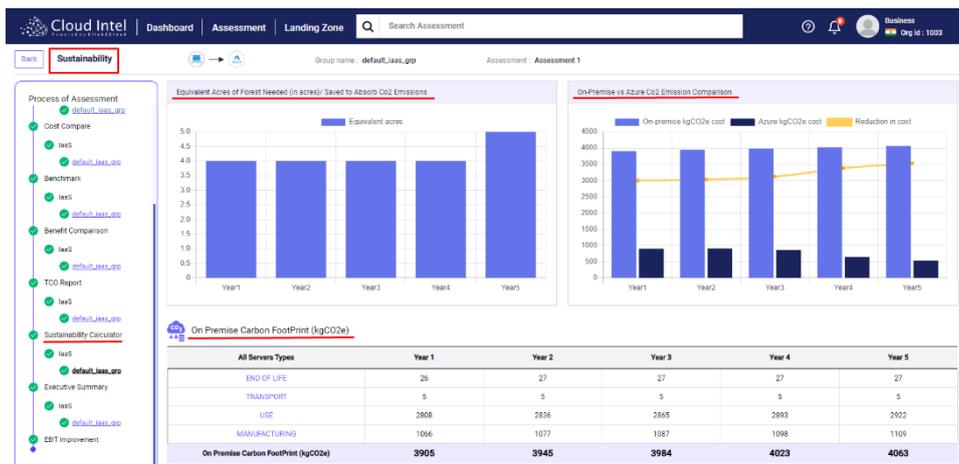
(After selecting Manual plan)



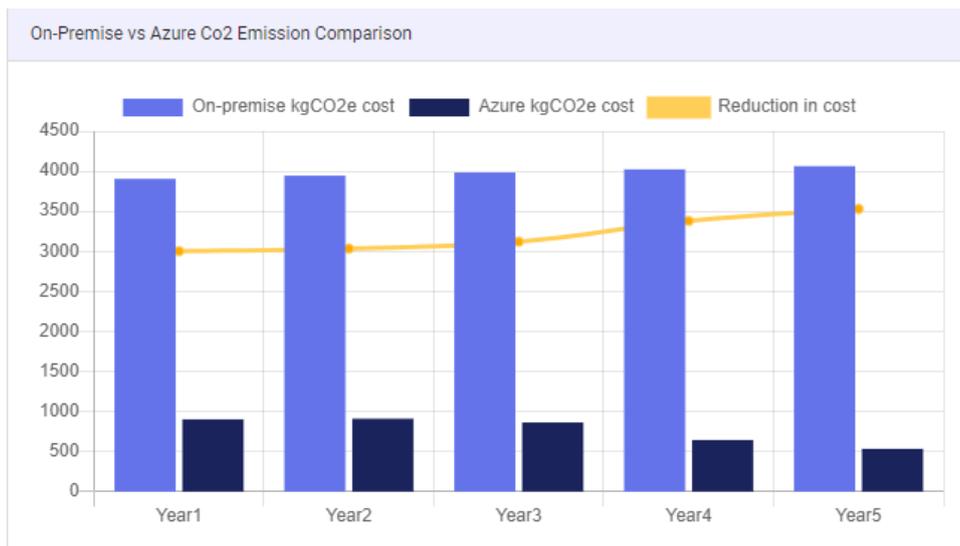
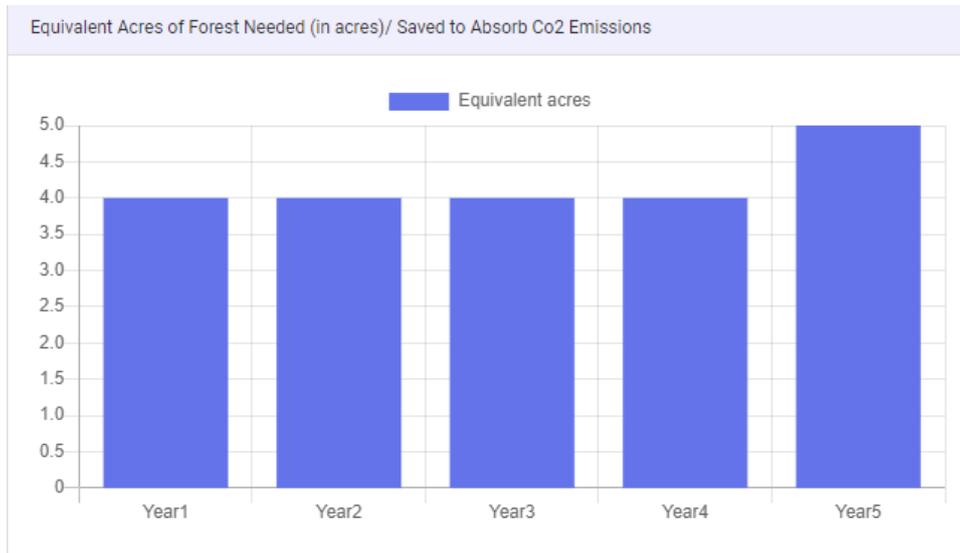
After clicking on the 'Next' button, the User navigates to the 'Sustainability Calculator' page.

14. Sustainability Calculator

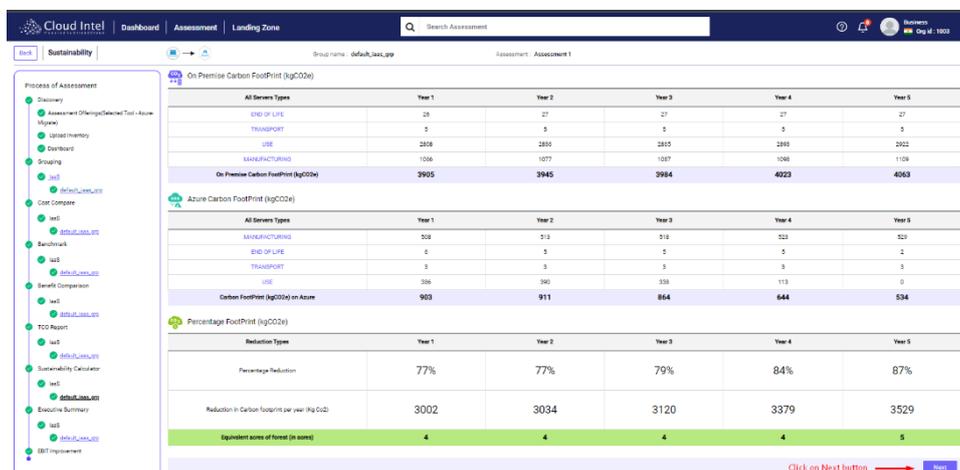
Sustainability Calculator provides details of the carbon footprint created by On-Premise resources and the land we need to absorb the emitted carbon, which can be reduced by migrating the resources to the Cloud platforms.



The Sustainability Calculator page shows the 'On-Premise Carbon Footprint', 'Azure Carbon Footprint' and 'Percentage Footprint' values along with a Graphical representation of 'On-Premise Vs Co2 Emission Comparison' and 'Equivalent Acres of Forest Needed to Absorb Co2 Emissions'.



Click on the 'Next' button.



The screenshot shows the 'Sustainability Calculator' interface. On the left is a 'Process of Assessment' sidebar with various steps like Discovery, Assessment, Dashboard, and TCO Report. The main area displays a table with the following data:

Category	Year 1	Year 2	Year 3	Year 4	Year 5
On Premise Carbon FootPrint (kgCO2e)	3905	3945	3984	4023	4063
Azure Carbon FootPrint (kgCO2e)	903	911	864	644	534
Percentage FootPrint (kgCO2e)	77%	77%	79%	84%	87%
Reduction in Carbon footprint per year (kg CO2)	3002	3034	3120	3379	3529
Equivalent acres of forest (in acres)	4	4	4	4	5

At the bottom right of the table, there is a red arrow pointing to a 'Next' button with the text 'Click on Next button'.

After clicking on the 'Next' button, the User is navigated to the 'Executive Summary' page.

15. Executive Summary

IaaS -> Group ->

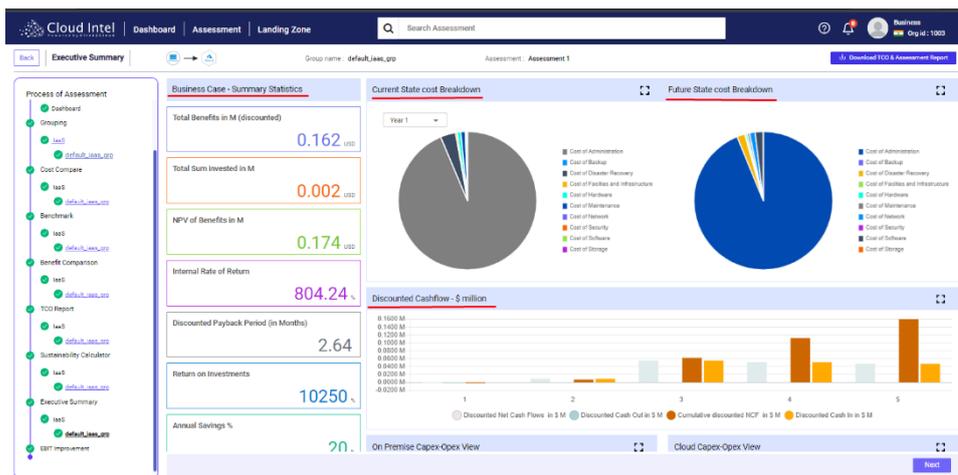
You can see different graphs on the dashboard as per the selected Assessment, Groups, Pricing Plan, and License.

Total Cost of Ownership (TCO) comparison: TCO comparison between source and destination. The source can be On-Premise. The destination is Cloud.

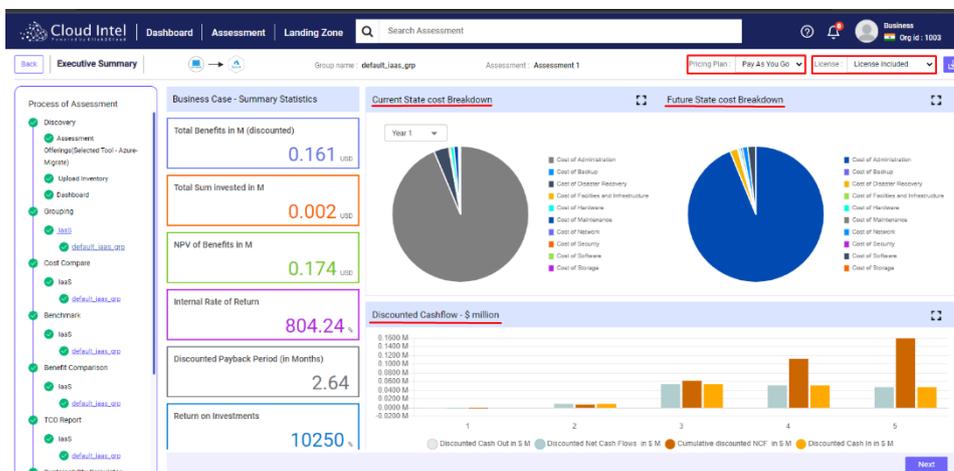
Capex-Opex view: Here you can view the Current State Cost Breakdown and Future State Cost Breakdown on source and destination, Discounted Cashflow.

Business Case - Summary Statistics: Here you can view the Total Benefits, Total Sum Invested, Discounted Payback Period, NPV, IRR, ROI, and Annual savings %.

(After selecting the default plan)

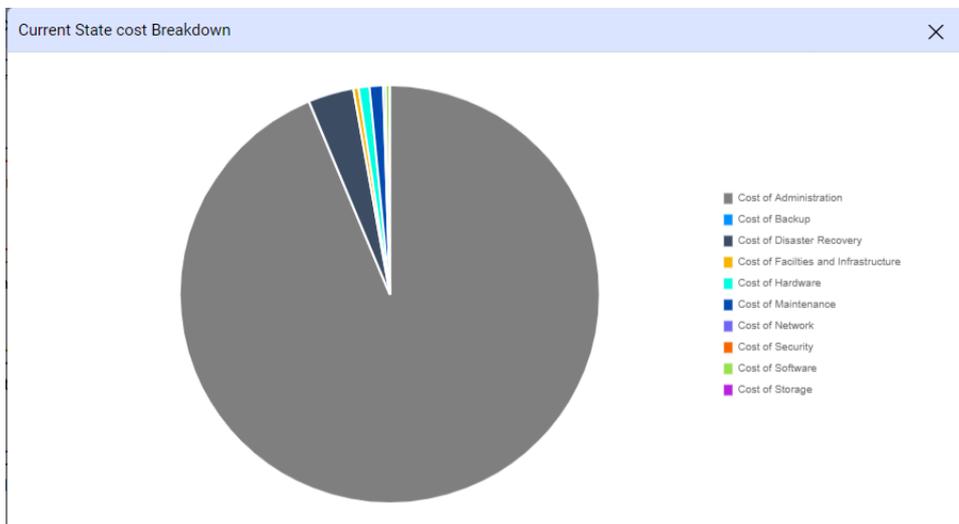
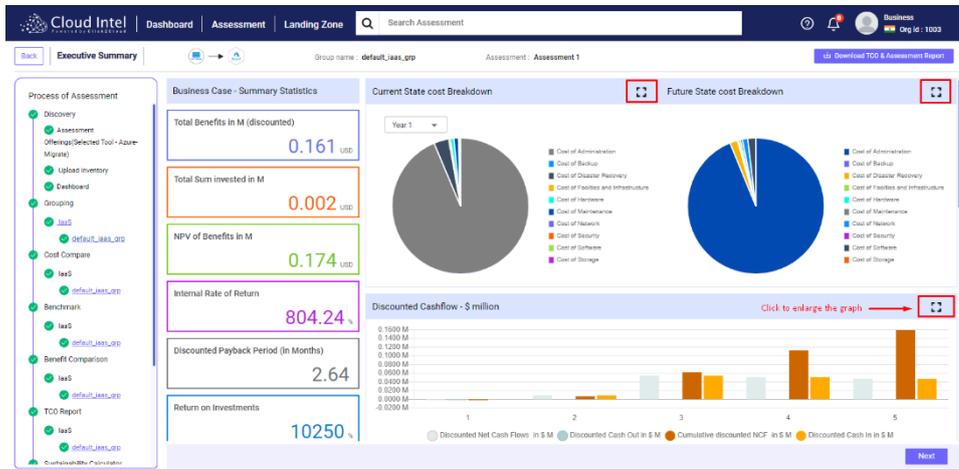


(When the user selects manual plan)

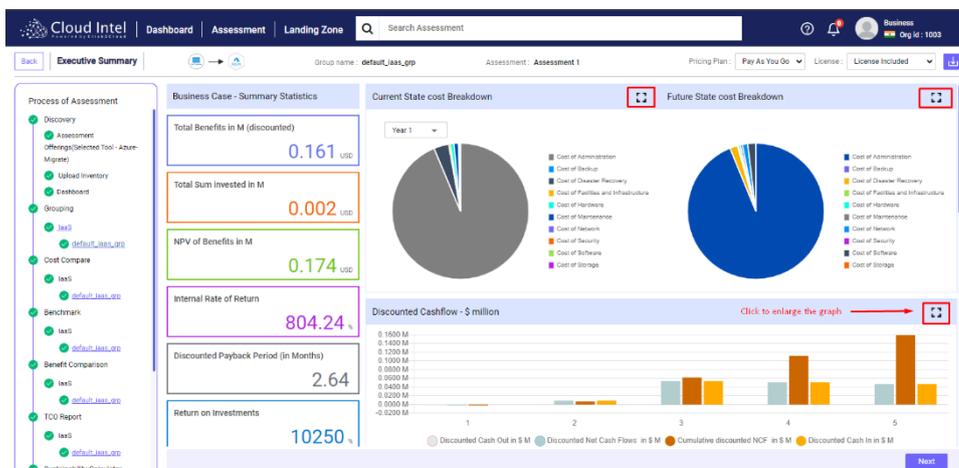


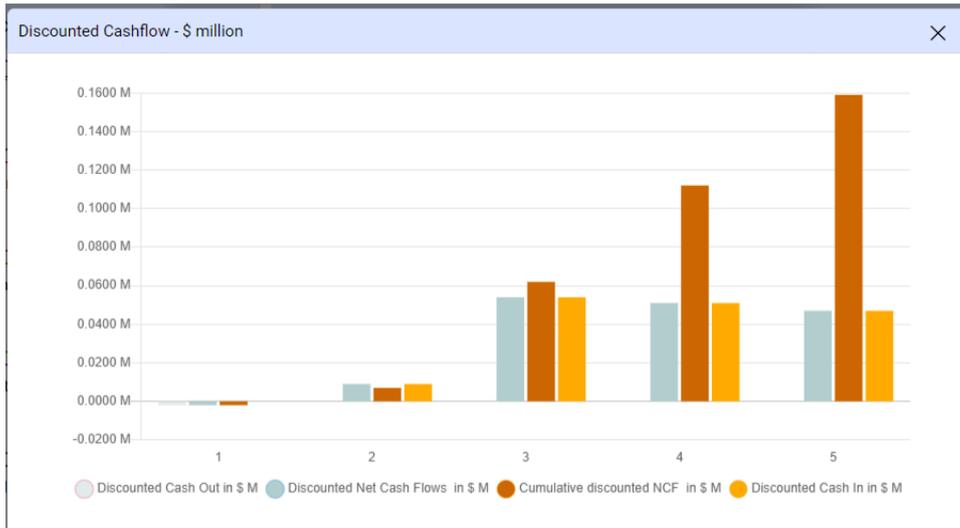
On the Executive Summary page, the User can view every graph individually, by clicking on Enlarge Icon.

(after selecting the default plan)



(After selecting the manual plan)

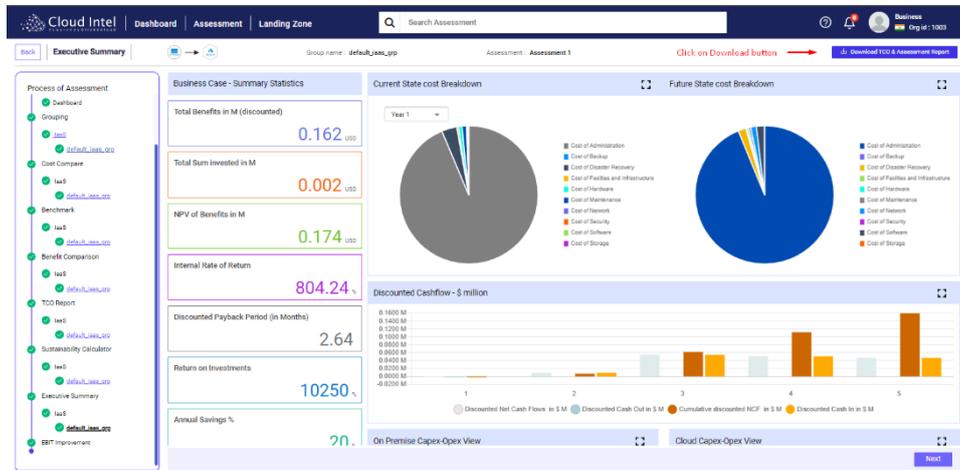




15.1 Download Report

Here Users can Download the TCO & Assessment Report in Excel or PPT format, depending upon the Cloud Cost Options and Currency.

(After selecting the default plan)



Download Report ✕

Assessment Name : Assessment

Group Name : default_iaas_grp

Cloud Cost Options : Default ▾

Select File Type : Excel PPT

Currency : United States – Dollar (\$) USD ▾

Download

(After selecting the manual plan)

The dashboard displays the following metrics:

- Total Benefits in M (discounted): 0.161 USD
- Total Sum invested in M: 0.002 USD
- NPV of Benefits in M: 0.174 USD
- Internal Rate of Return: 804.24%
- Discounted Payback Period (in Months): 2.64
- Return on investments: 10250%

The 'Current State cost Breakdown' and 'Future State cost Breakdown' sections feature pie charts with legends for categories like Cost of Administration, Cost of Backup, Cost of Disaster Recovery, etc. A 'Click to download report' link is visible in the top right of the dashboard area.

Download Report ✕

Assessment Name : Assessment

Group Name : default_iaas_grp

Cloud Cost Options : Pay-as-you-go (License Included) ▾

Select File Type : Excel PPT

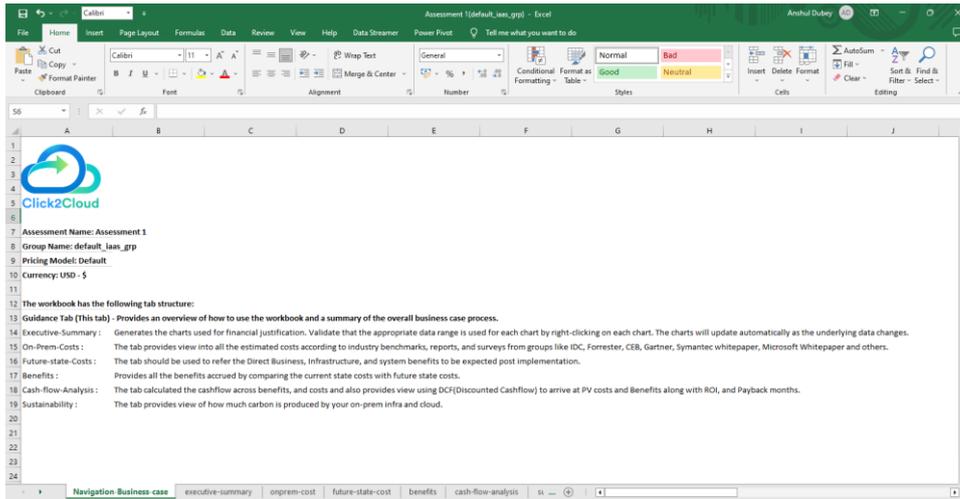
Currency : United States – Dollar (\$) USD ▾

Download

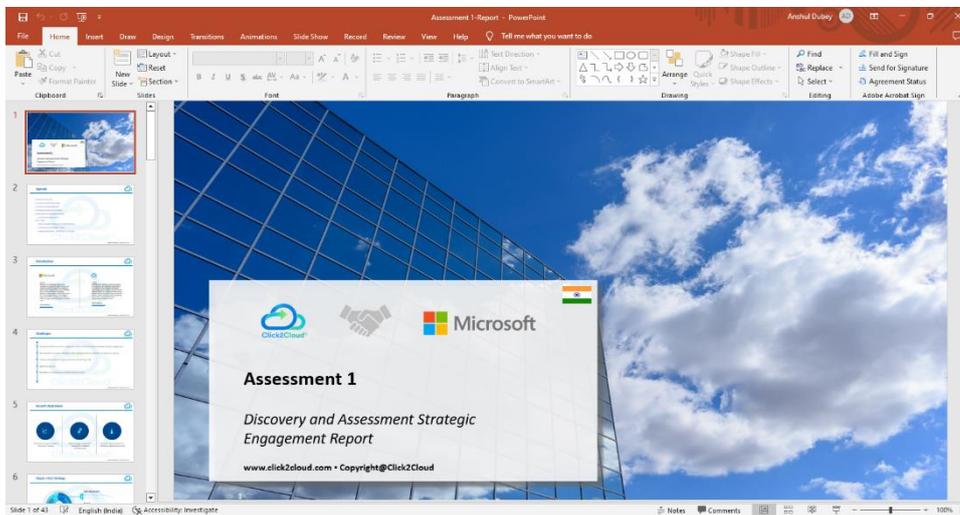
IaaS -> Group ->

It gives a detailed assessment report which can be downloaded for further use

Users can download the TCO and Assessment Report in Excel format.

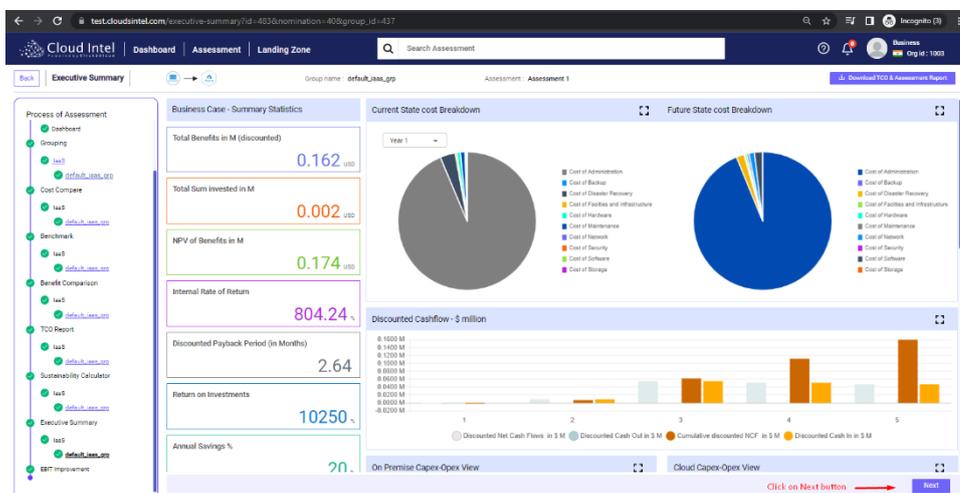


Users can download the TCO and Assessment report in PPT format.

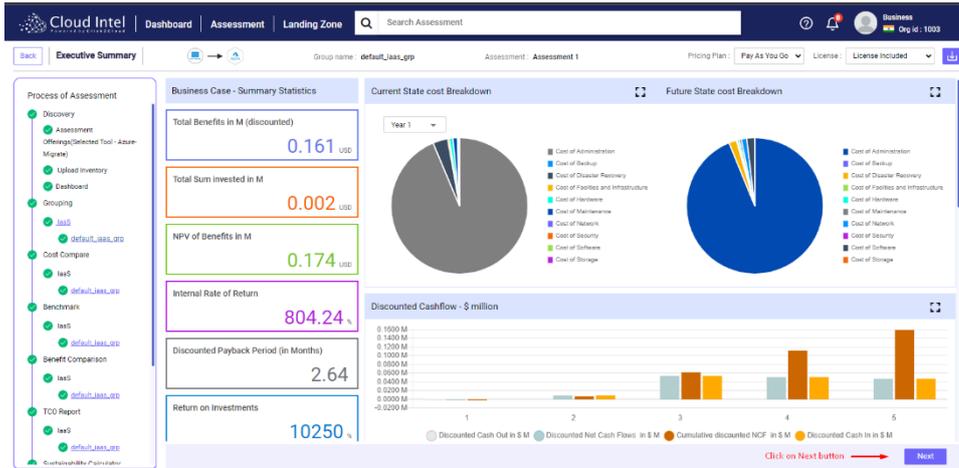


Click on the 'Next' button.

(When the user selects the default plan)



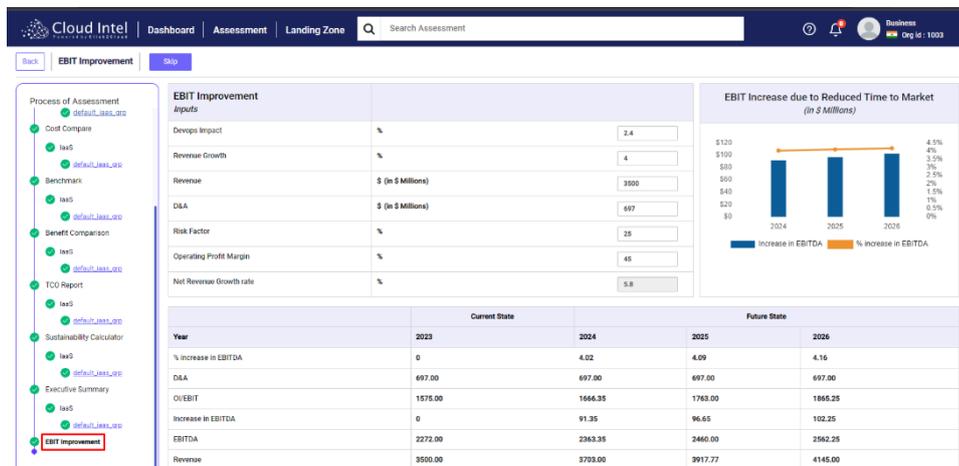
(When the user selects manual plan)



After clicking on the 'Next' button, the flow navigates the User to the **EBIT Improvement** page.

16. EBIT Improvement: -

EBIT (**Earnings Before Interest and Taxes**) is a common measure of a company's operating profitability. The EBIT Improvement provides details about improvement in Company's operating profitability, in the context of Cloud Migration.



Click on the Skip button.

Cloud Intel | Assessments | Landing Zone

Search Assessment

Business Org Id: 1003

Back EBIT Improvement Skip Click on Skip button

Process of Assessment

- Cost Compare
- aaS
- Benchmark
- aaS
- Benefit Comparison
- aaS
- TCO Report
- aaS
- Sustainability Calculator
- aaS
- Executive Summary
- aaS
- EBIT Improvement

EBIT Improvement

Inputs

Devs Impact	%	2.4
Revenue Growth	%	4
Revenue	\$(in \$ Millions)	3500
D&A	\$(in \$ Millions)	697
Risk Factor	%	35
Operating Profit Margin	%	45
Net Revenue Growth rate	%	5.8

EBIT Increase due to Reduced Time to Market

(in \$ Millions)

Year	Current State		Future State	
	2023	2024	2025	2026
D&A	697.00	697.00	697.00	697.00
Increase in EBITDA	0	91.35	96.65	102.25
EBITDA	2272.00	2363.35	2460.00	2562.25
Revenue	3500.00	3703.00	3917.77	4145.00
Op/EBIT	1575.00	1666.35	1763.00	1865.25
% Increase in EBITDA	0	4.02	4.09	4.16

After clicking on the Skip button, the User navigates to the **Assessments** page.

Cloud Intel | Assessments | Landing Zone

Search Assessment

Business Org Id: 1003

Back Assessments

Nomination Name: Businessug userguide Add New Assessment

Assessment 1

Inventory Status: Business

Process of Assessment

- Discovery
 - Assessments Offering(Selected Tool - Azure-Migrate)
 - Upload inventory
 - Dashboard
- Grouping
 - aaS
 - Default_IaaS_2D
- Cost Compare
 - aaS
 - Default_IaaS_4D
- Benchmark
 - aaS
 - Default_IaaS_4D

Assessment Process Done

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