

CloudBrain data import

Click2Cloud Inc.

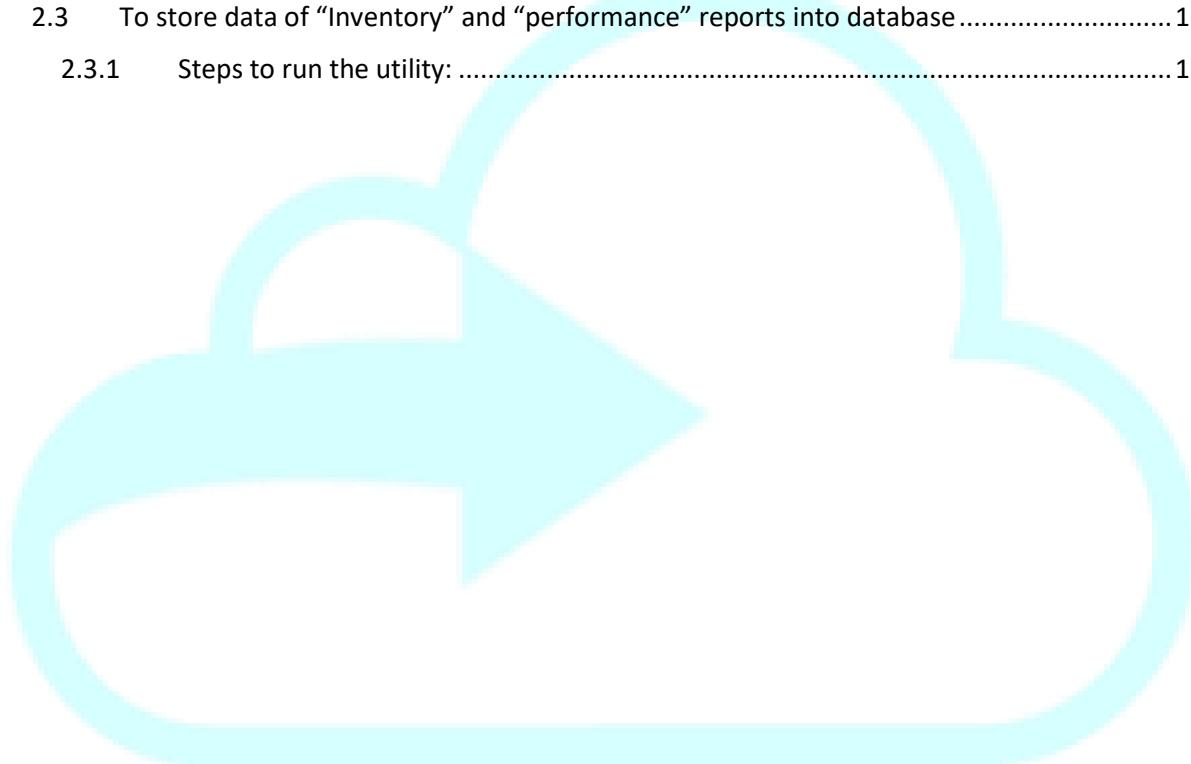
Email: contact@click2cloud.net

User Guide Document Version – V1.0



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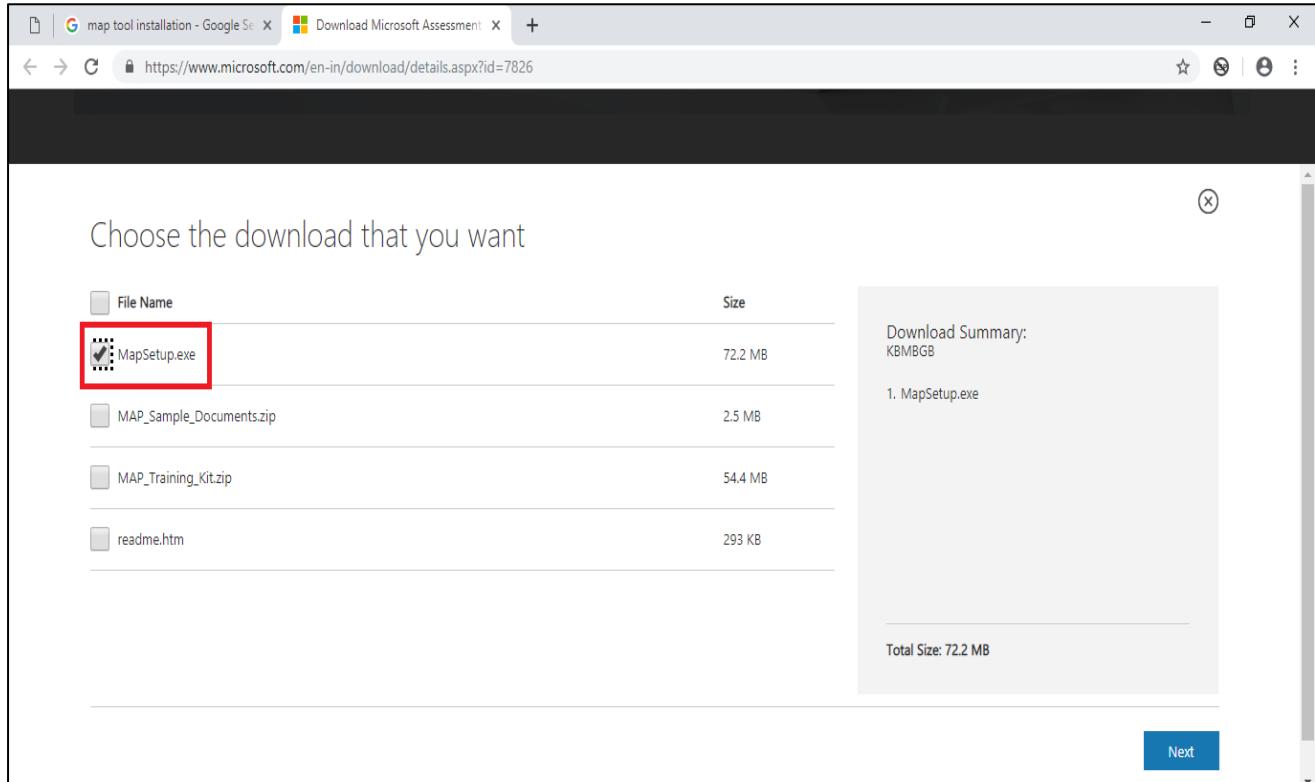
1. To download “MAP Tool” follow the steps

1.1 Go to the given link

<https://www.microsoft.com/en-in/download/details.aspx?id=7826>

1.2 Download “MapSetup.exe”

As shown in following image select option “MapSetup.exe” to download, click on Next tab it will start downloading exe file.

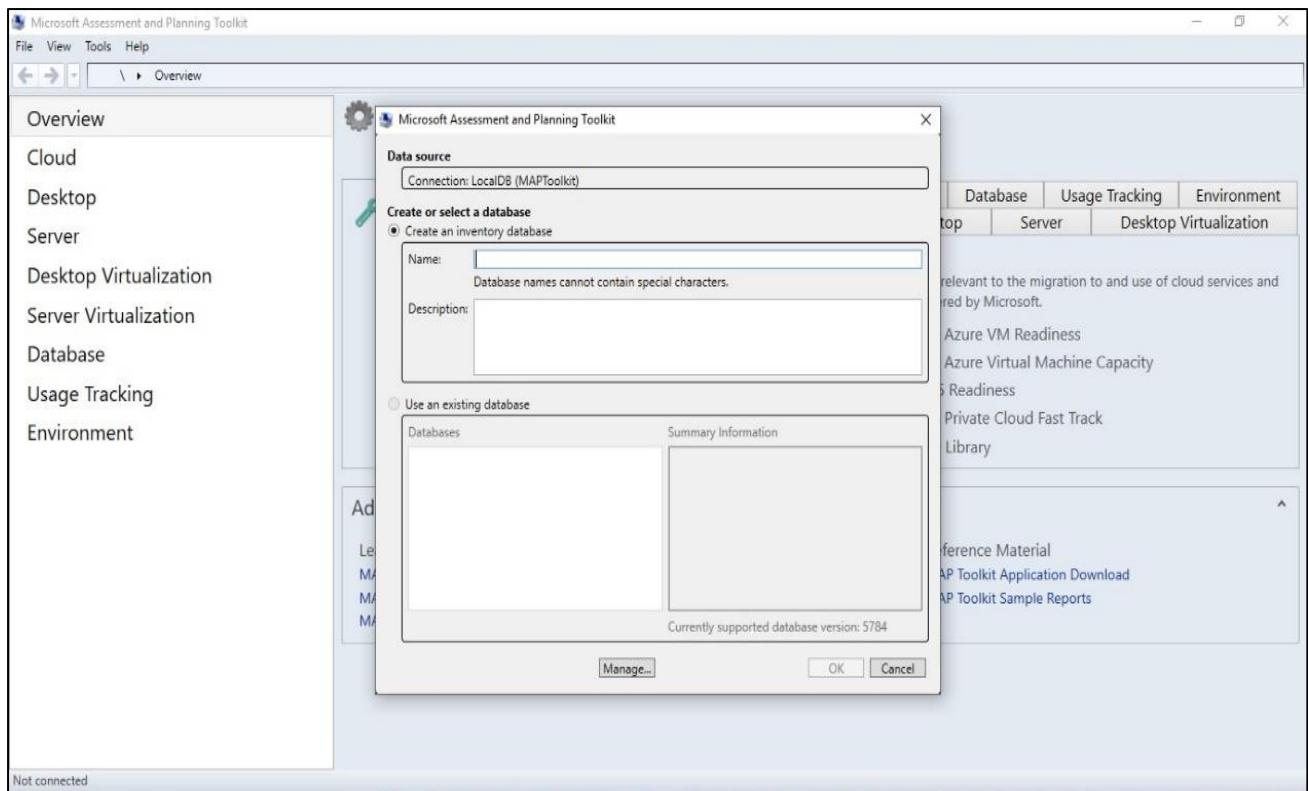


2. To generate “Inventory” and “performance” report

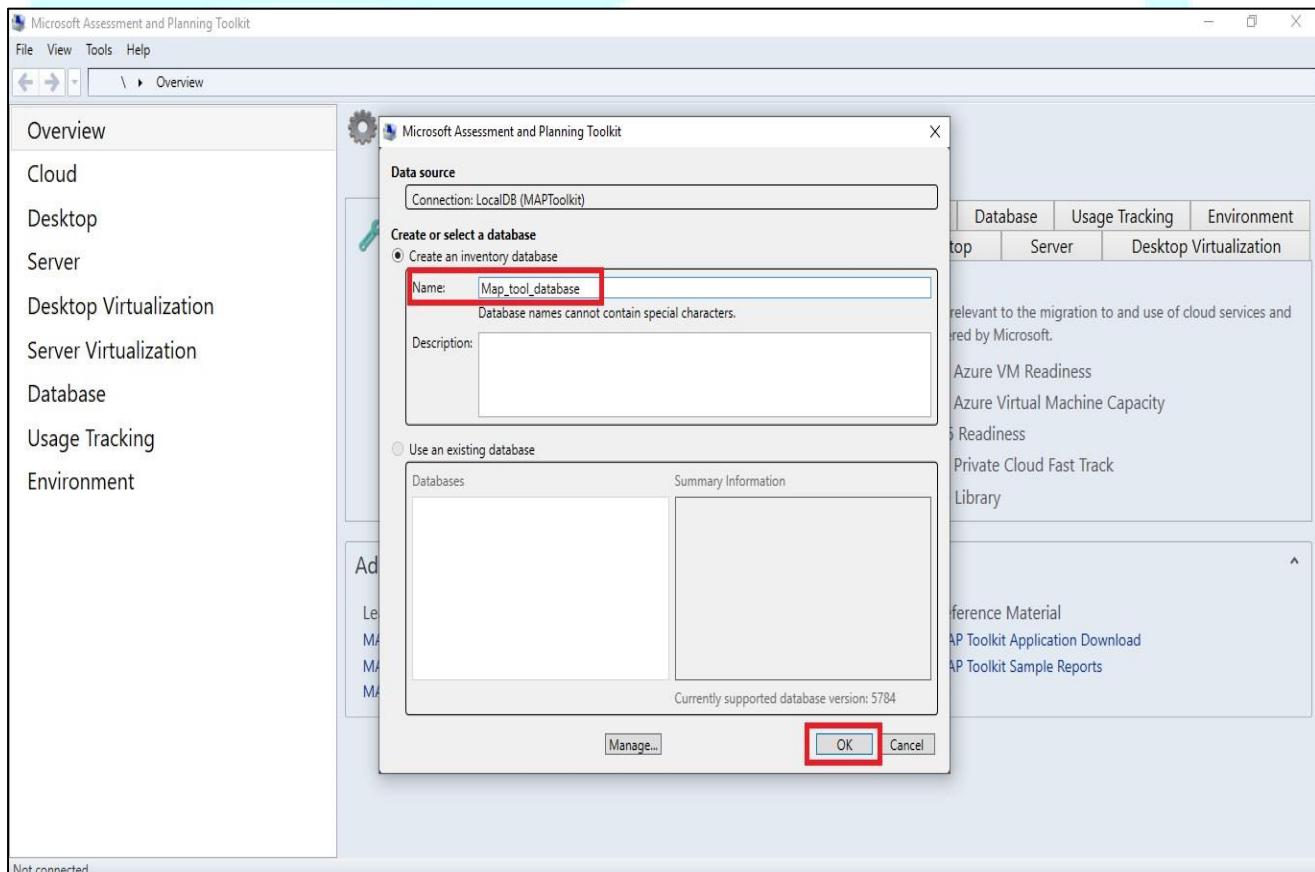
2.1 Steps to generate “Inventory Results” excel

- 1) Open map-tool software
- 2) Initially it will ask for “**Data Source**”

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- 3) Define **Name** for database and then click on **OK** button. (By default, Database folder created in user profile's Document folder and we cannot change it (ex C:\Users\pramod.meshram\Documents\MAP\Map tool Database-1)



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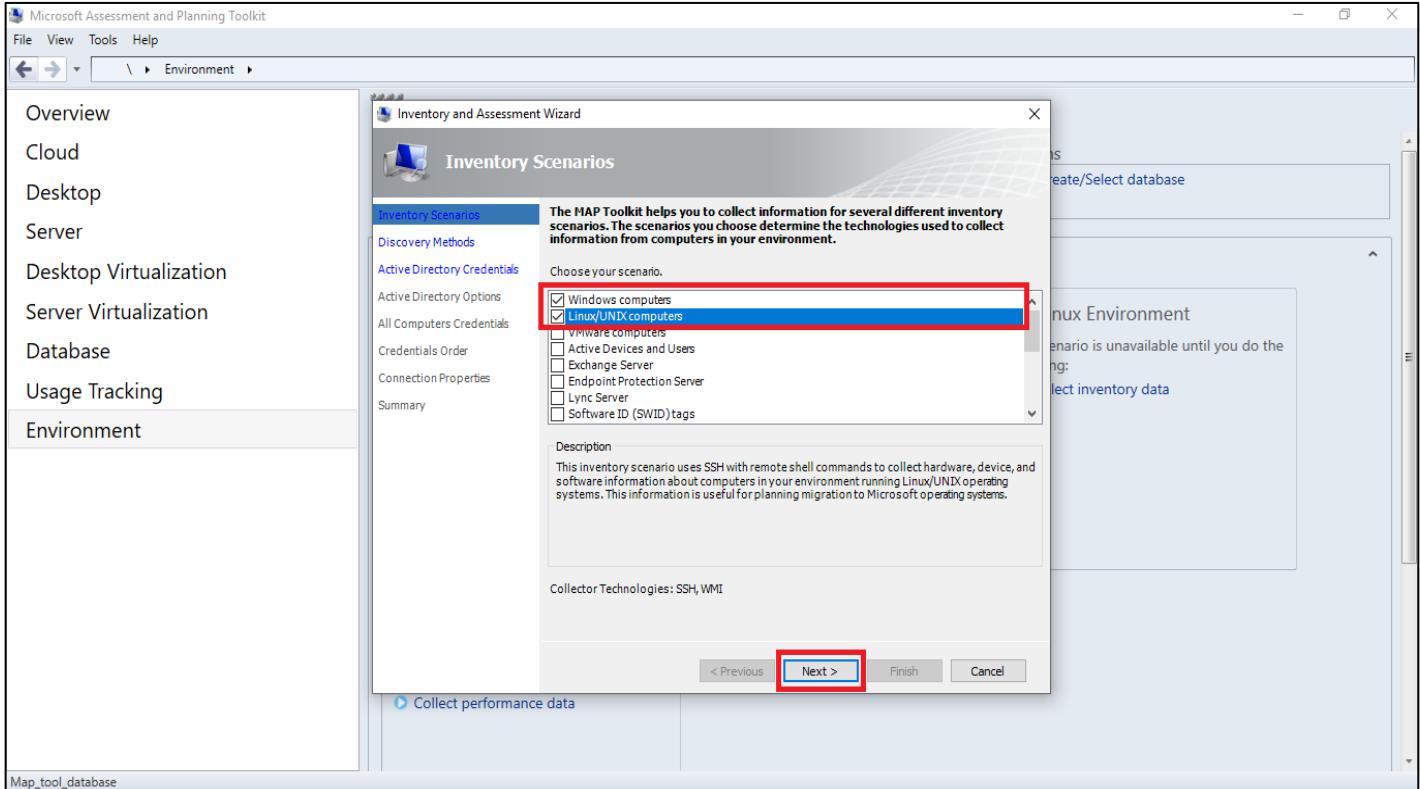
4) Click on "**Environment tab**" from left hand side panel

The screenshot shows the Microsoft Assessment and Planning Toolkit interface. The left sidebar has a red box around the "Environment" option under the "Overview" section. The main pane shows the "Environment" tab selected, displaying sections for "Where to start" (with options like "Read the Getting Started Guide" and "Perform an inventory"), "Scenarios Available" (listing "Cloud", "Server Virtualization", "Database", "Usage Tracking", and "Environment" categories), and "Additional Resources" (links to MAP Toolkit Homepage, MAP Training Wiki, MAP Toolkit on TechNet, MAP Toolkit Team Blog, TechNet User Forums, Reference Material, MAP Toolkit Application Download, and MAP Toolkit Sample Reports).

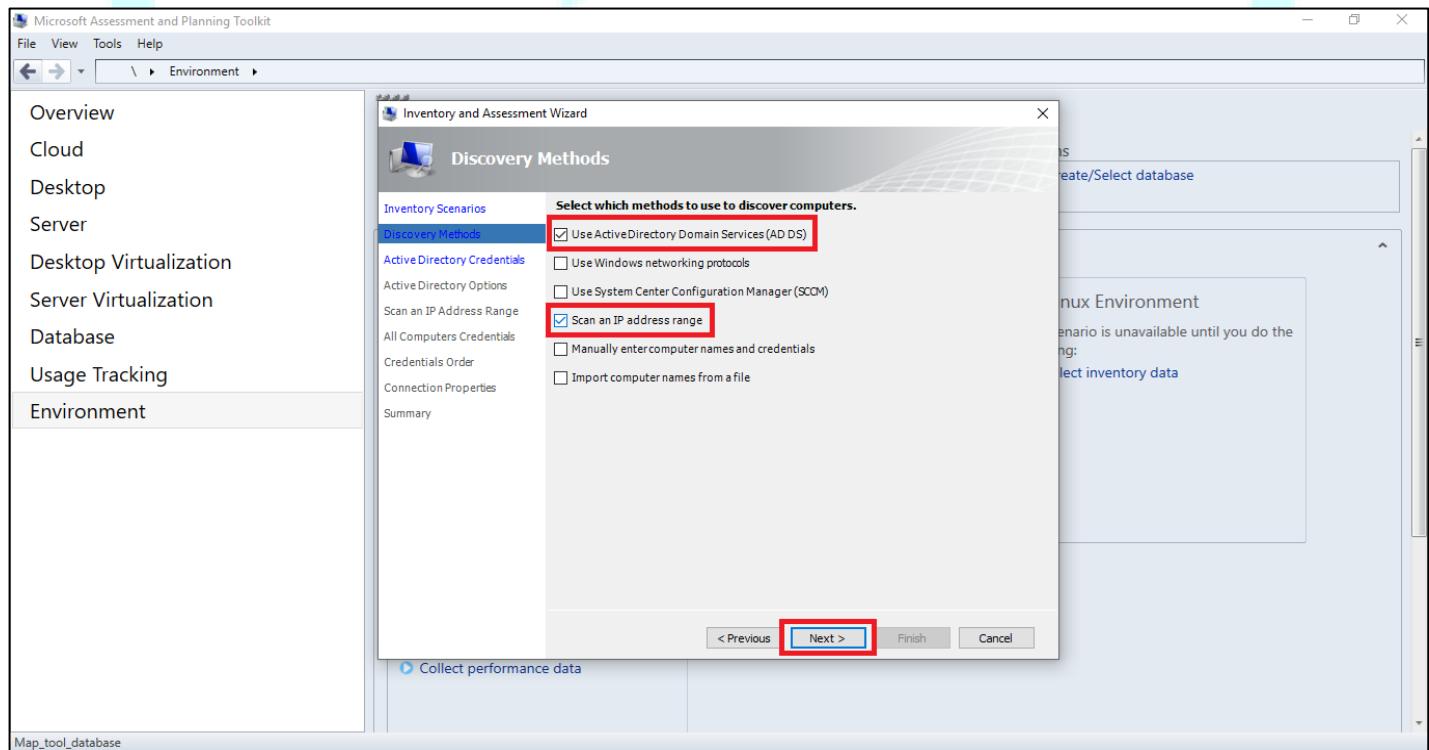
5) Click on "**Collect inventory data**" option

The screenshot shows the Microsoft Assessment and Planning Toolkit interface with the "Environment" tab selected. The "Steps to complete" section has a red box around the "1 Collect inventory data" option. The "Scenarios" section contains four cards: "Inventory Results" (disabled until inventory data is collected), "Windows Environment" (disabled until inventory data is collected), "Linux Environment" (disabled until inventory data is collected), and "Performance Metrics" (disabled until both inventory and performance data are collected). An "Options" bar on the right includes a "Create>Select database" button.

- 6) After click on collect inventory data you will get a pop-up window
- 7) Check two Checkbox as shown in below and then click on next tab



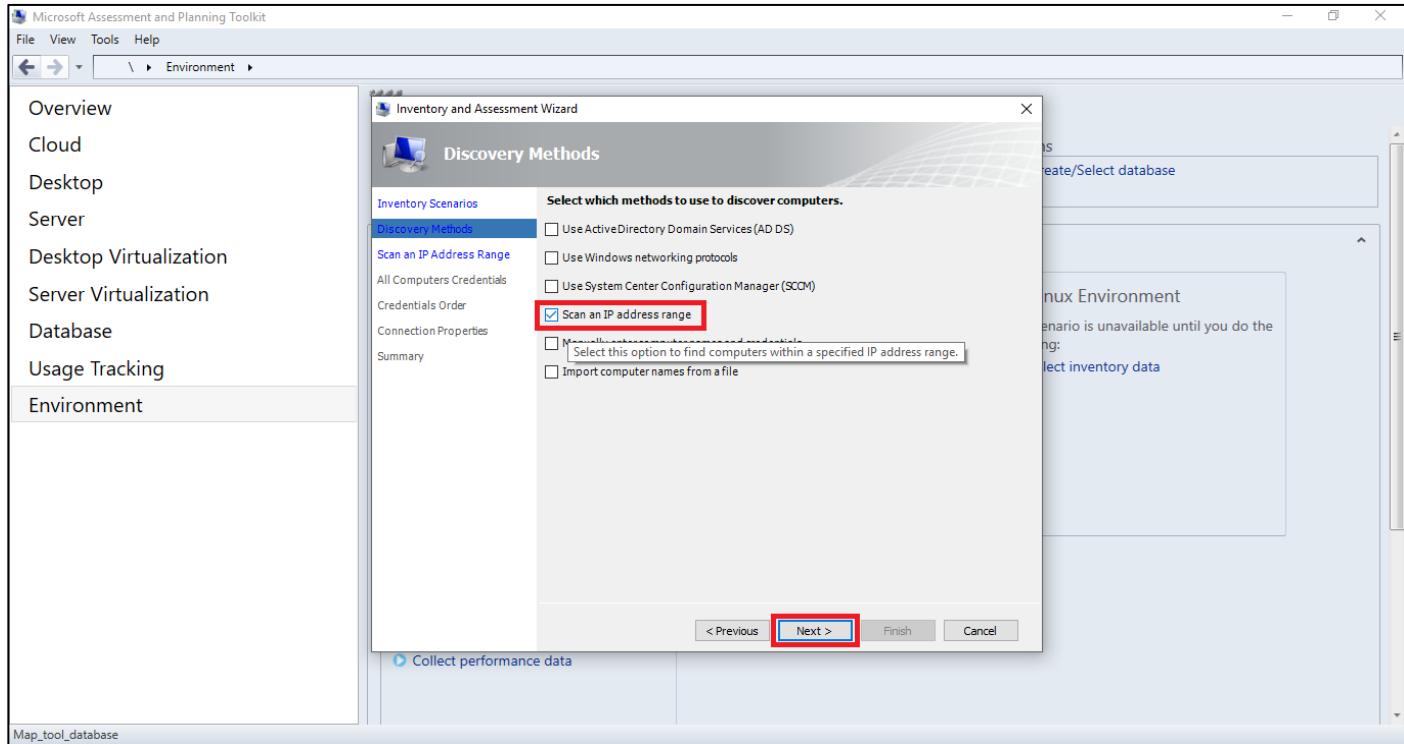
- 8) If user have domain network, then user must choose two option as shown in image (skip next step (i.e. 9th step))



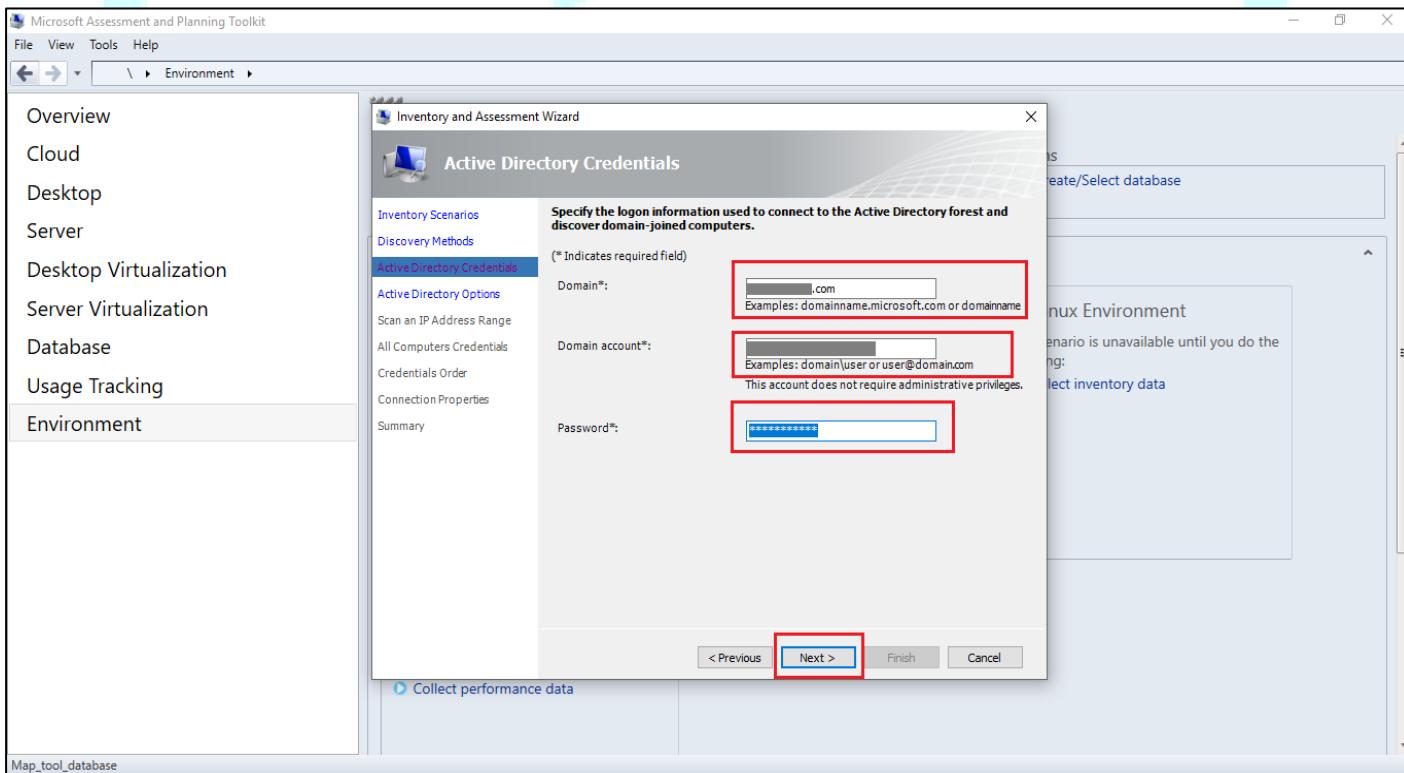
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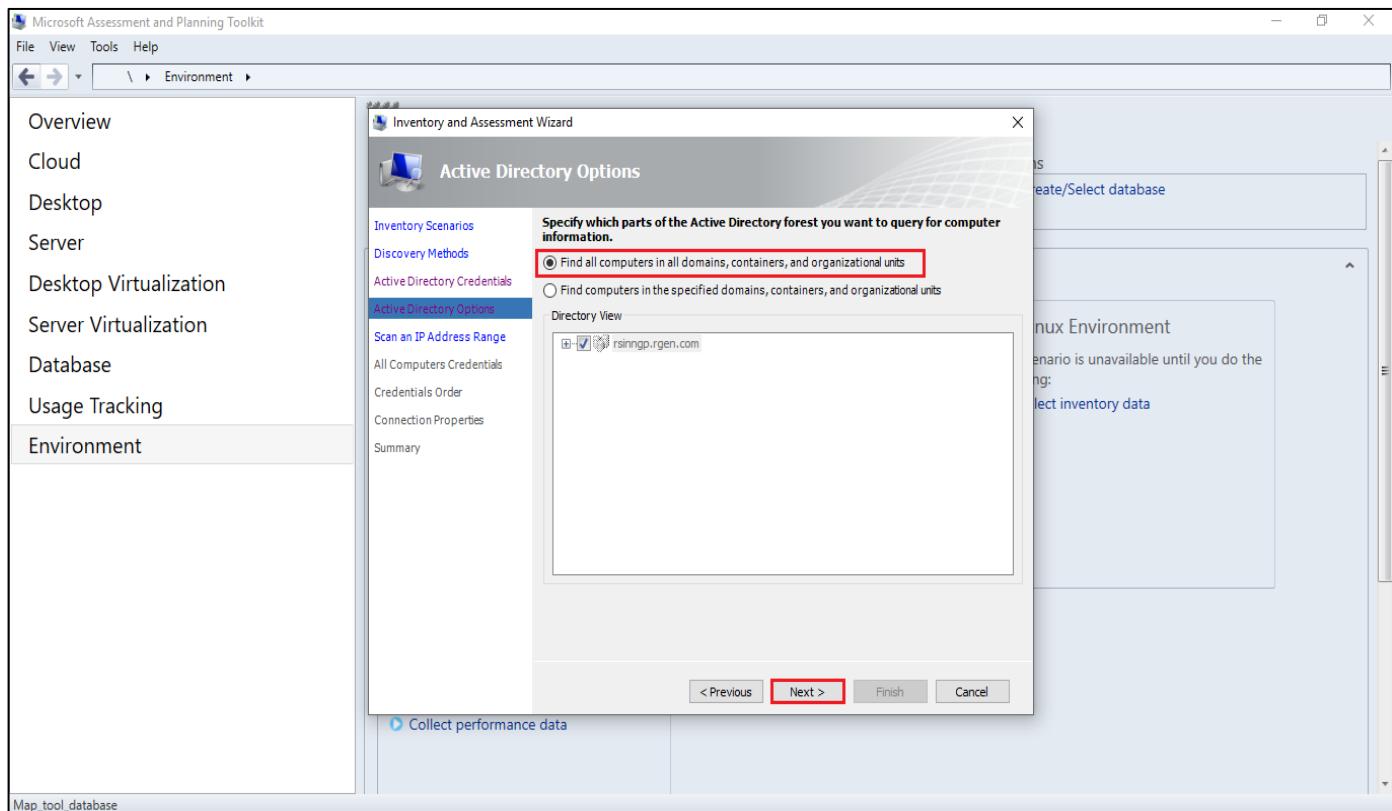
- 9) If user have "**General Network (without Domain)**" then user must choose only option as shown in image (skip previous step (i.e. 8th step))



- 10) If user have chosen "**Active Directory domain service**" then user should follow this step
10.1 In this step user must provide Domain Name, Domain admin credentials then click on next button

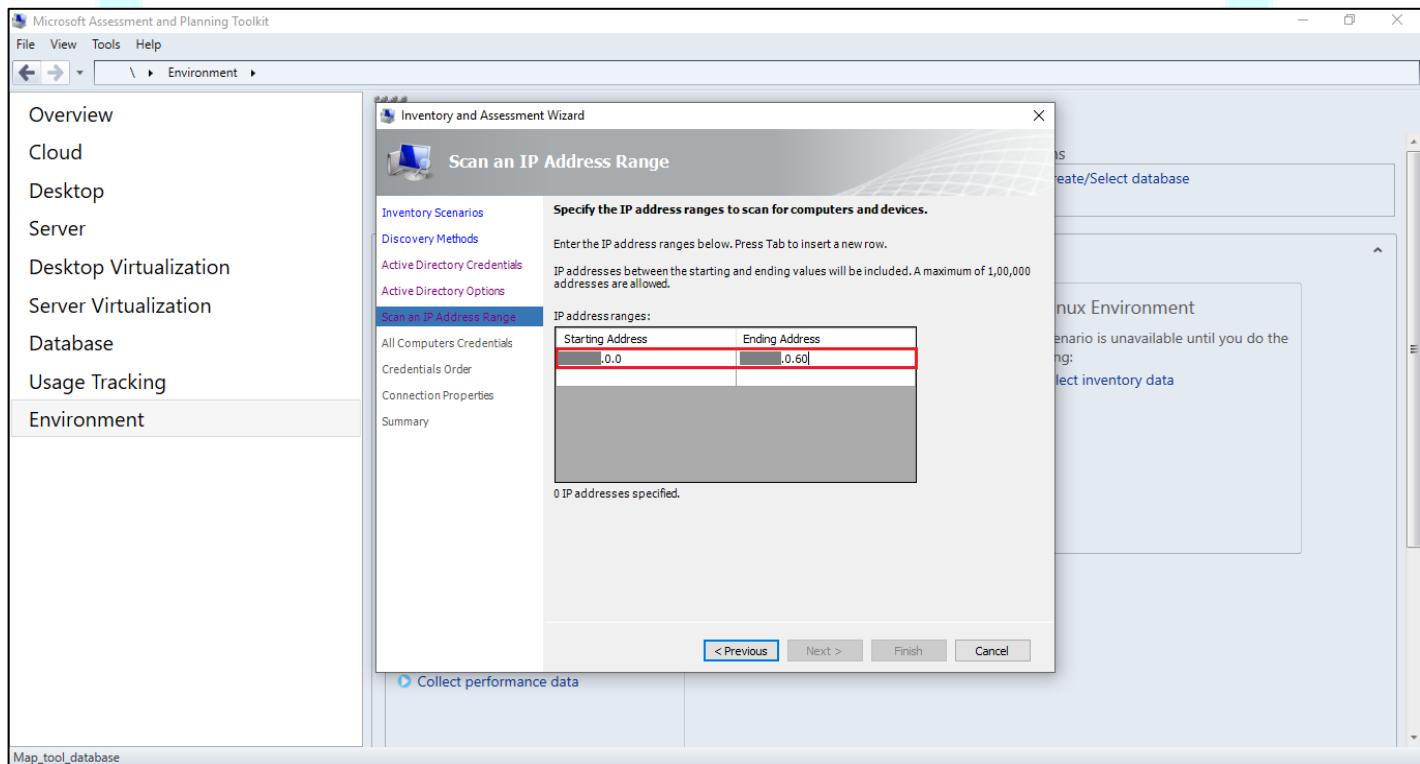


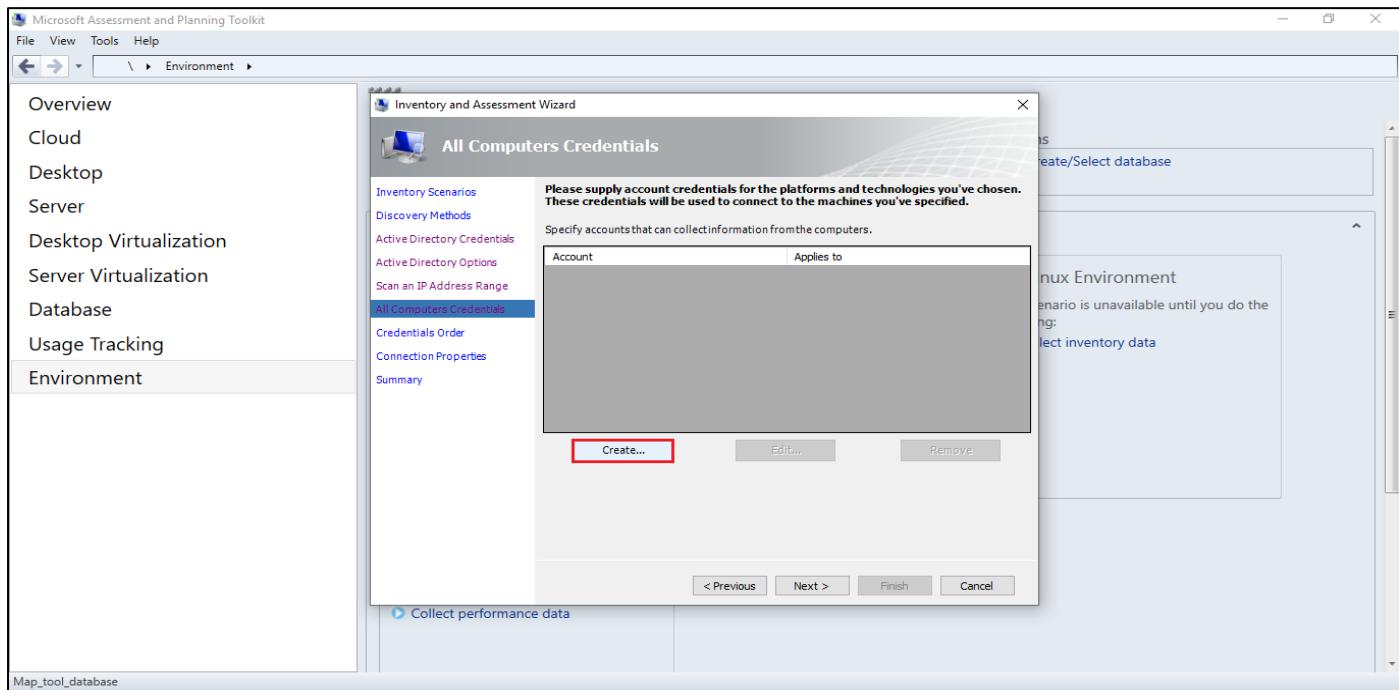
- 10.2 Select “**find all computers in all domains, container, and organization units**”
then click on next tab



Note: If user have chosen “**General Network (without Domain)**” then step 10 has been skipped.

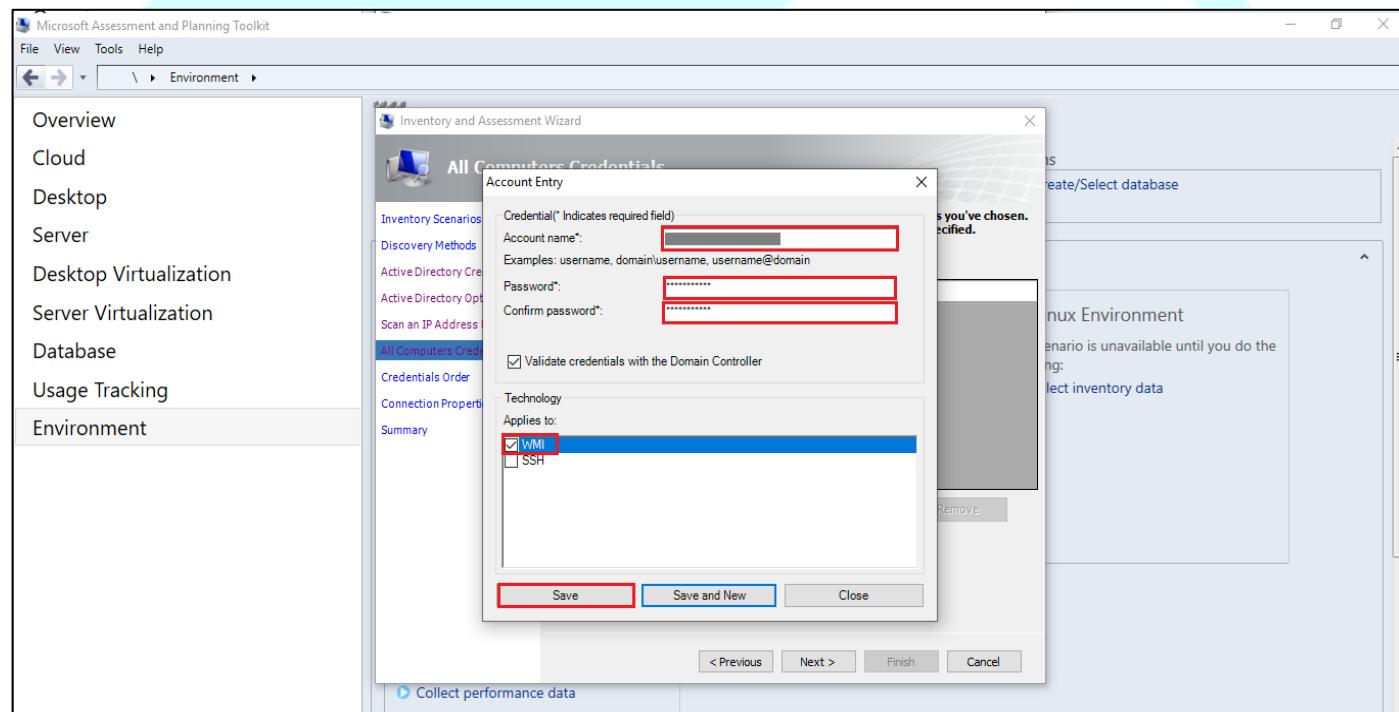
- 11) In this Step user must specify **IP range** of computers in their network to get data of all the machines as shown below





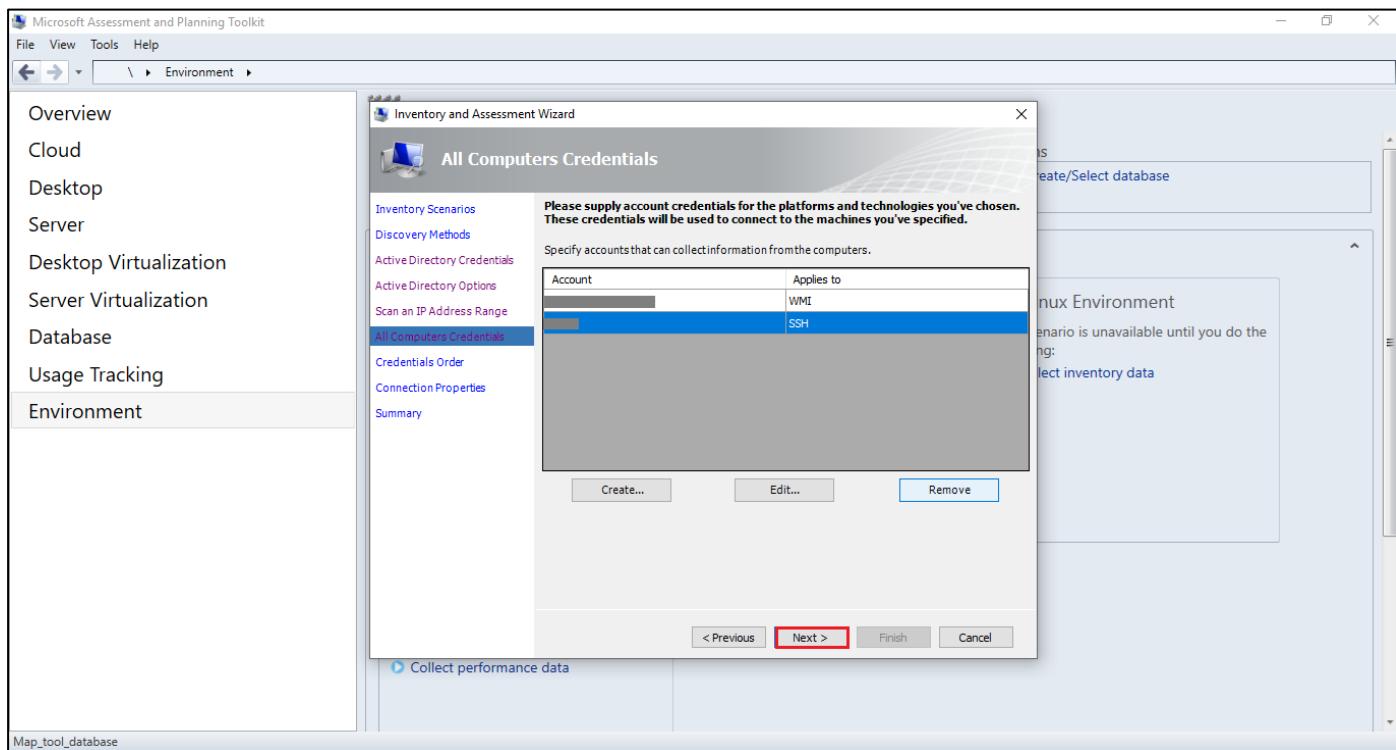
- 12) Click on "Create" tab You will get one pop-up.
- 13) Enter each **Windows machine local admin** credential of network (selected in IP range) then check the checkbox in technology panel to apply to (**WMI – windows**).

Note: Generally, one local admin credentials are common to each system in network.

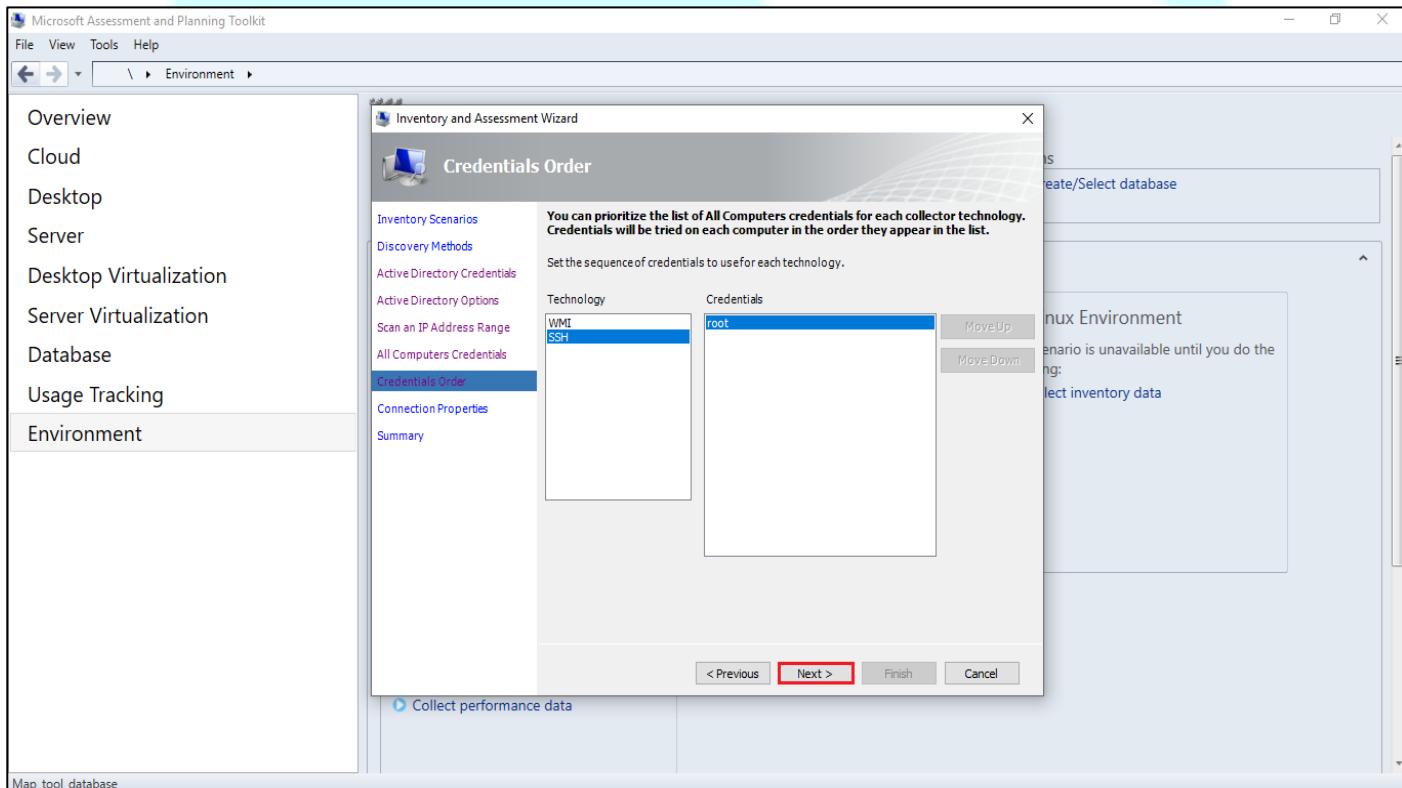


- 14) Follow the same steps for **Linux machine**, choose option **SSH** in technology panel and then click on save tab
- 15) After adding accounts credentials click on **Next** tab

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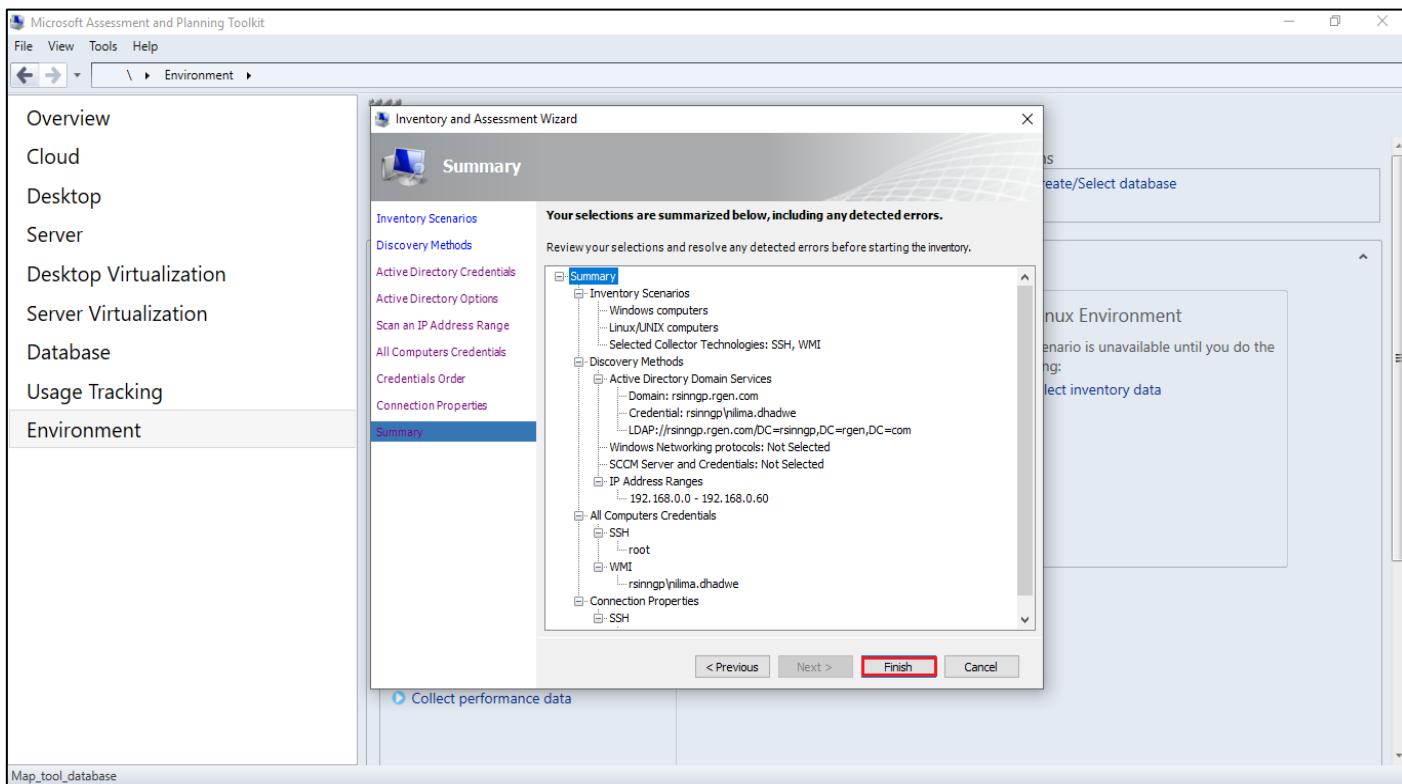
16) Click on **Next** tab



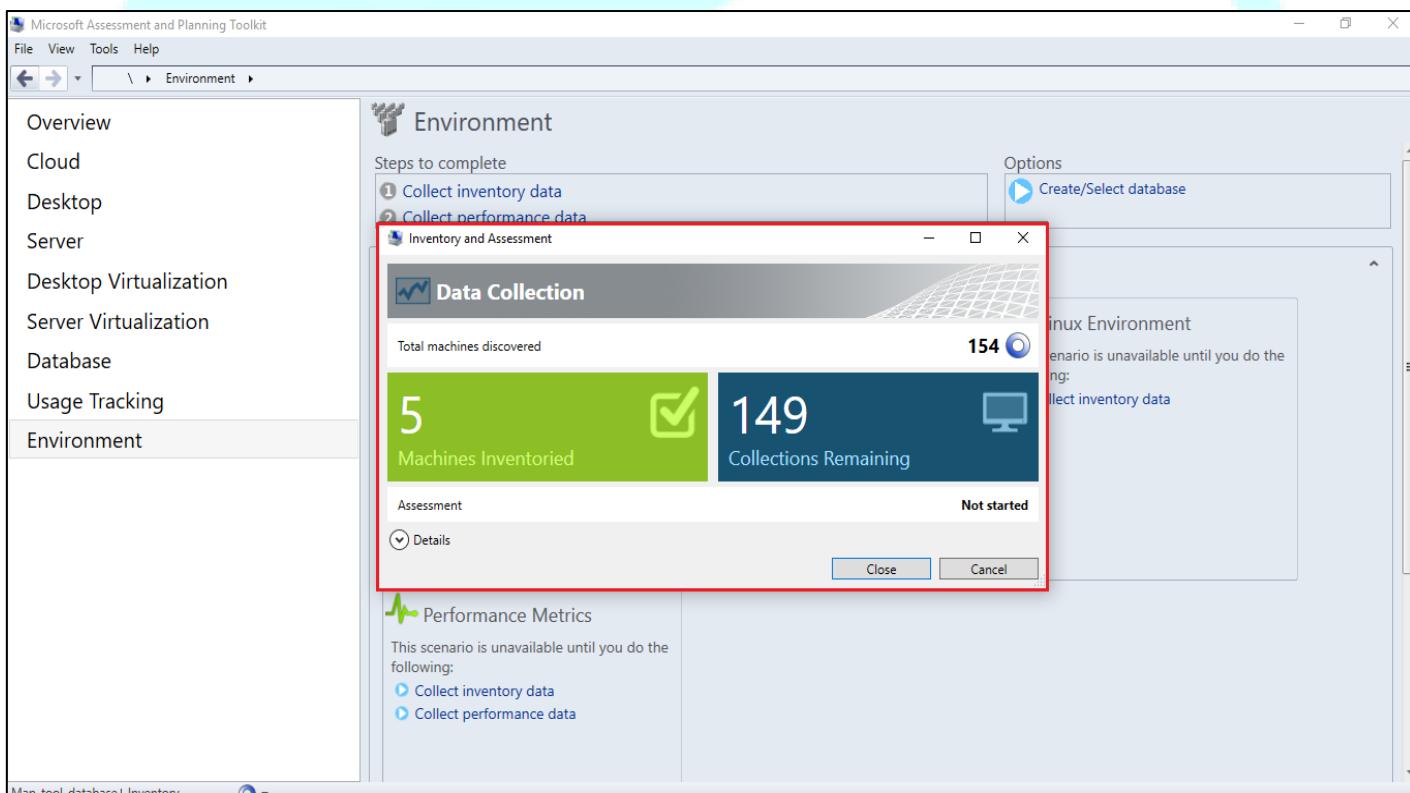
17) Click on **Next** tab again

18) On this tab click on **Finish** tab

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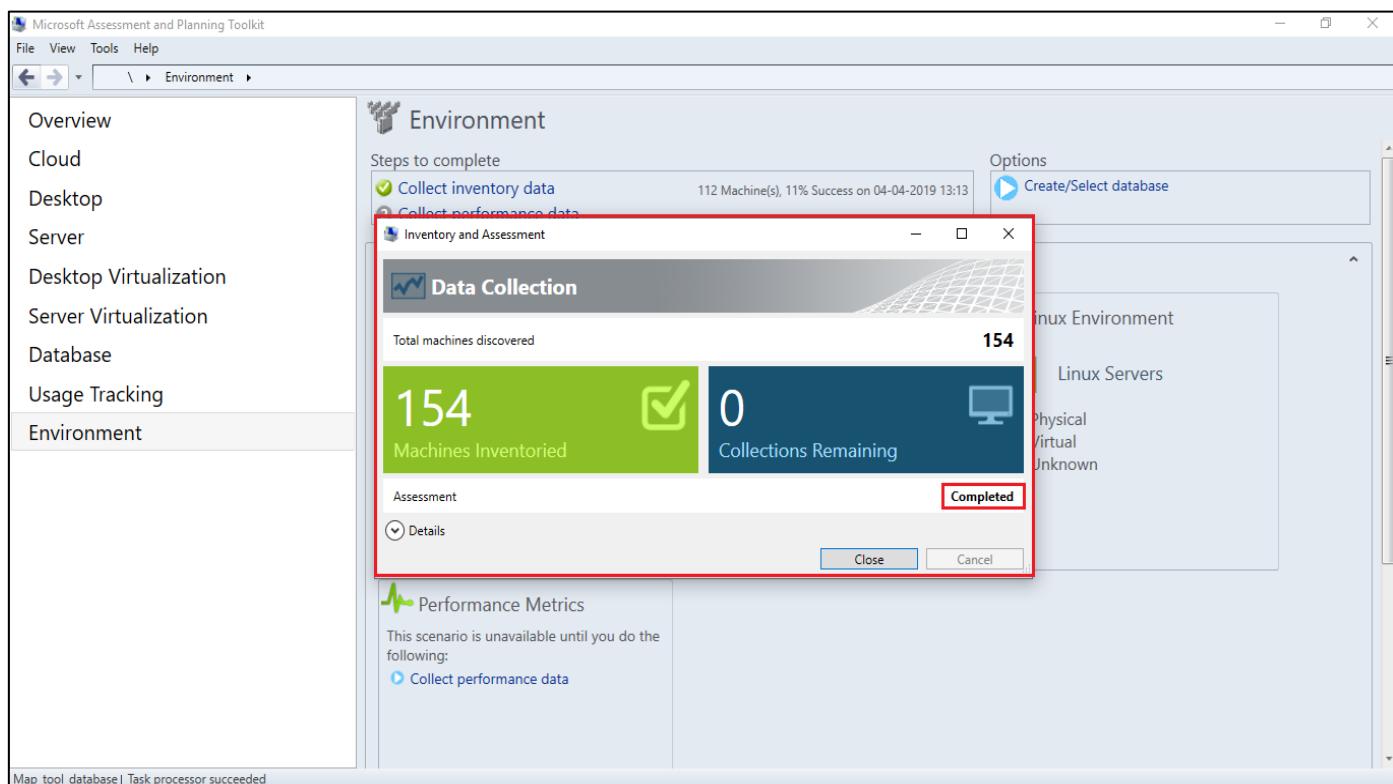


- 19) After clicking on **Finish** tab user will get pop-up where user will find MAP-tool started to collect inventory data of the defined network range.

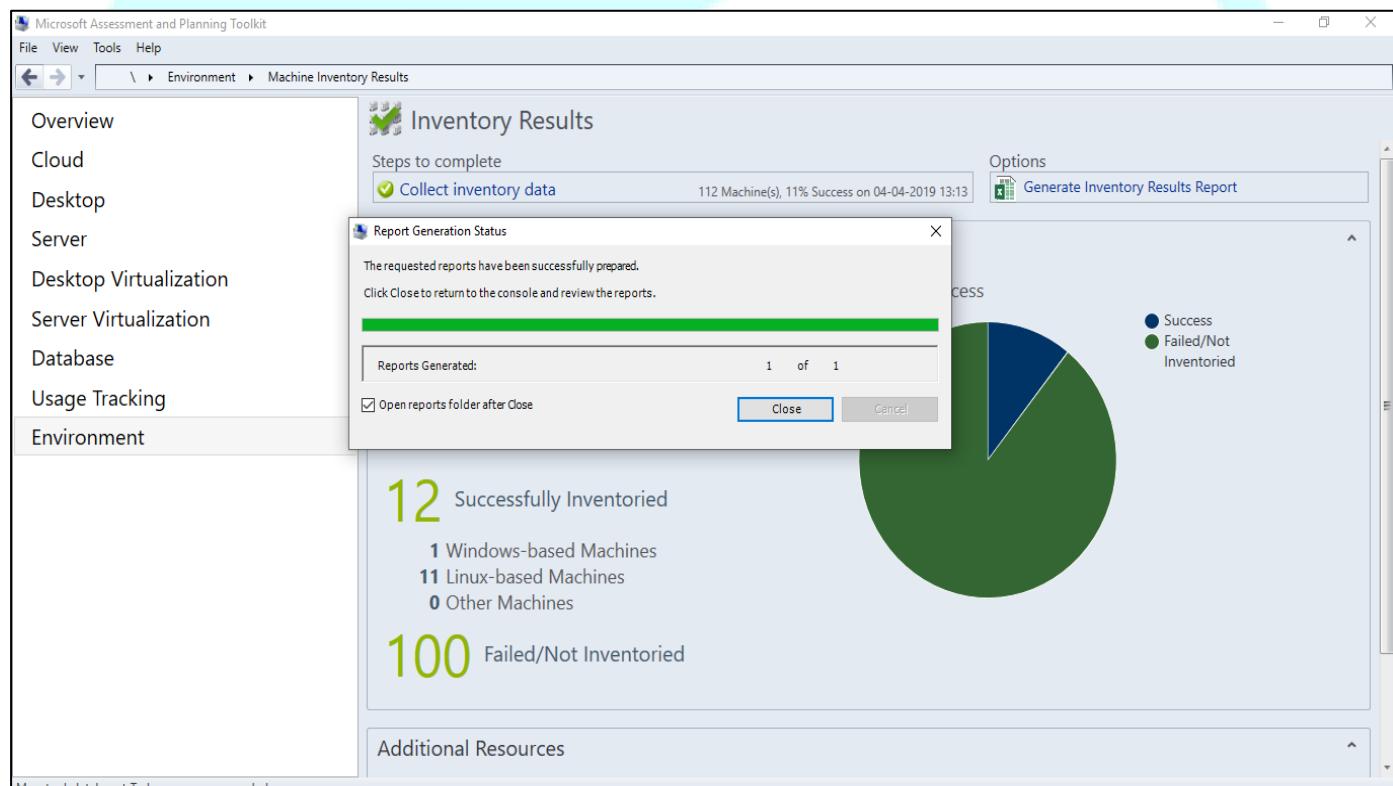


- 20) Wait till it gets completed

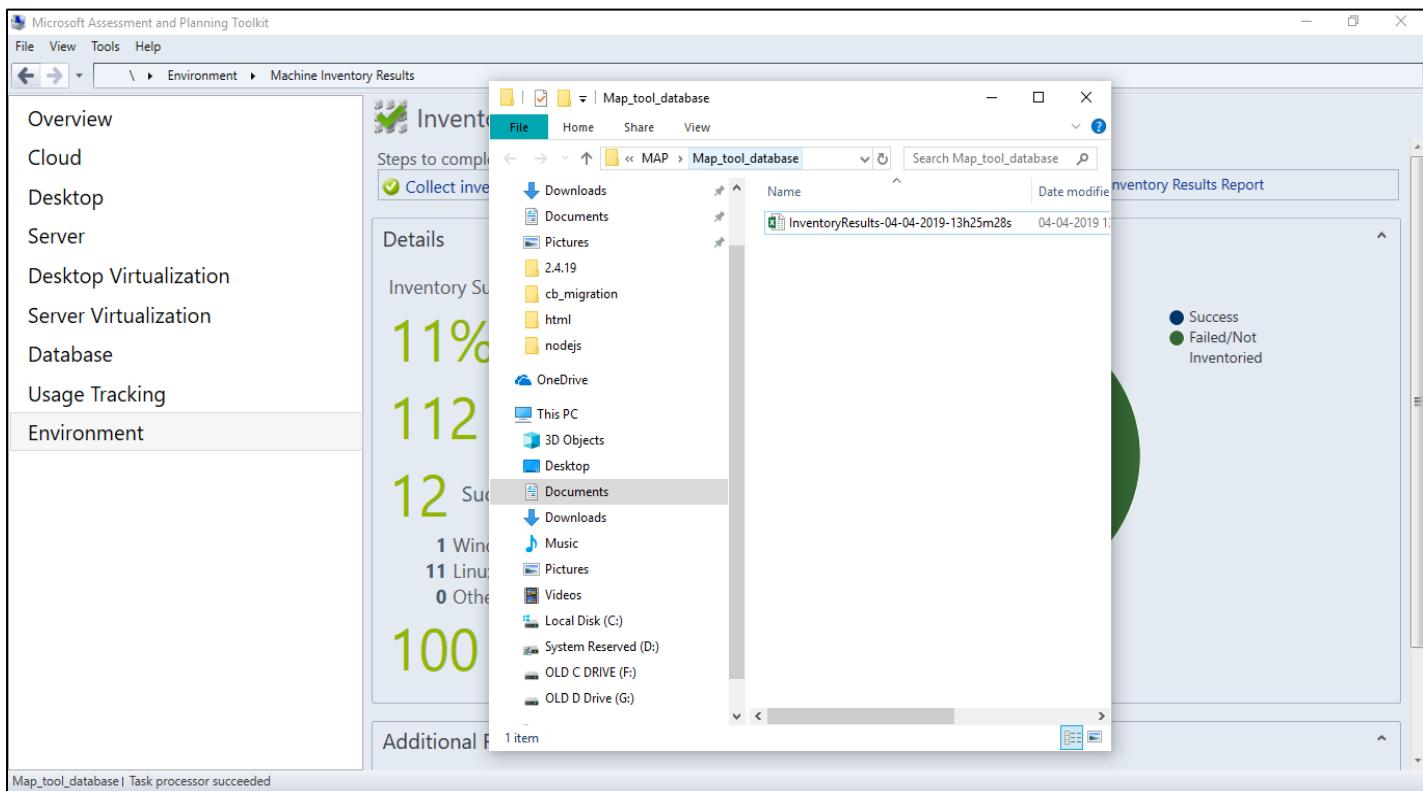
CloudBrain Data Import Utility



- 21) Close the pop-up. Go to the **environment** → click on **Inventory result** → click on **Generate Inventory result report**, then user will get one pop-up.

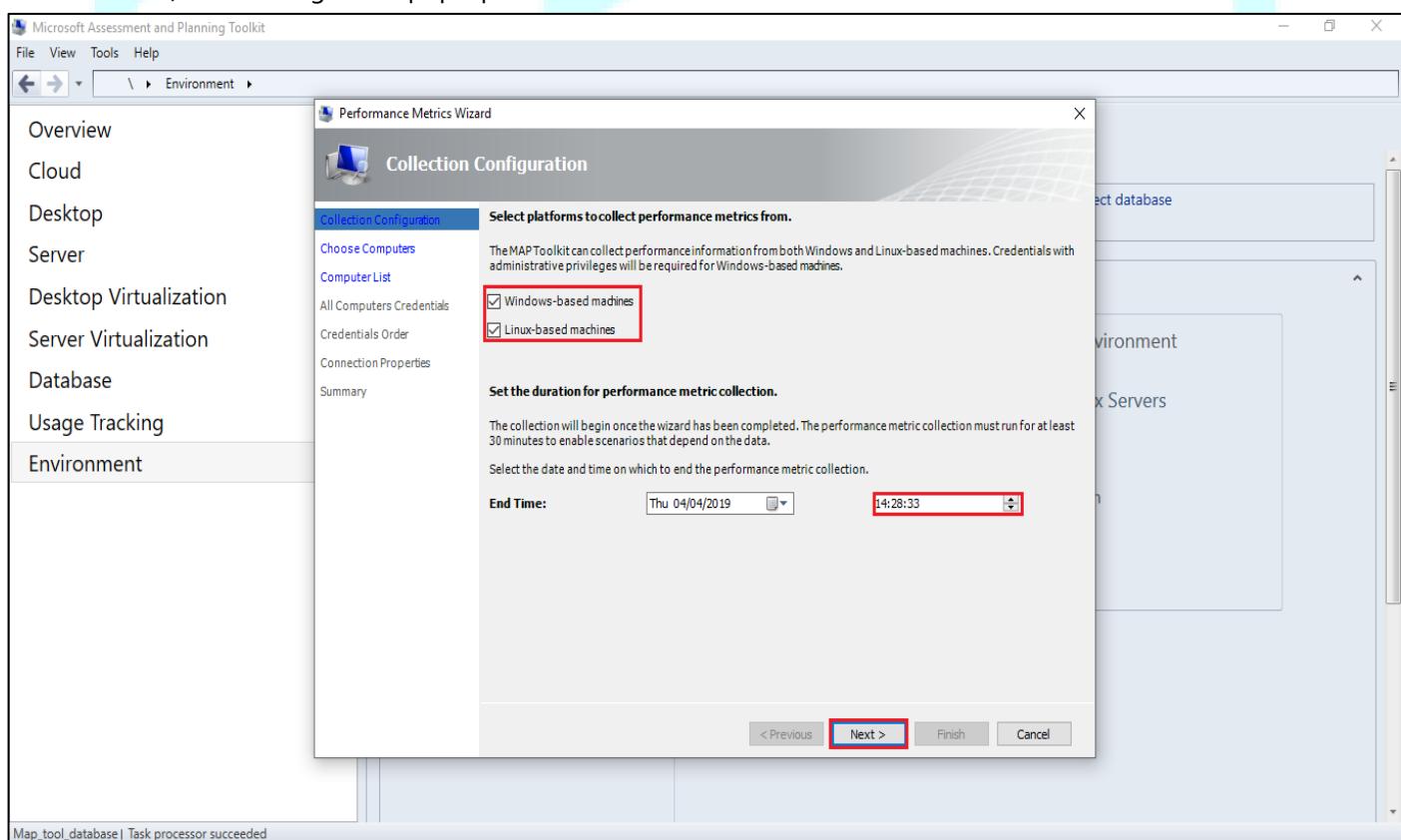


- 22) Click on close tab user will get directory where user will find **InventoryResult** report.

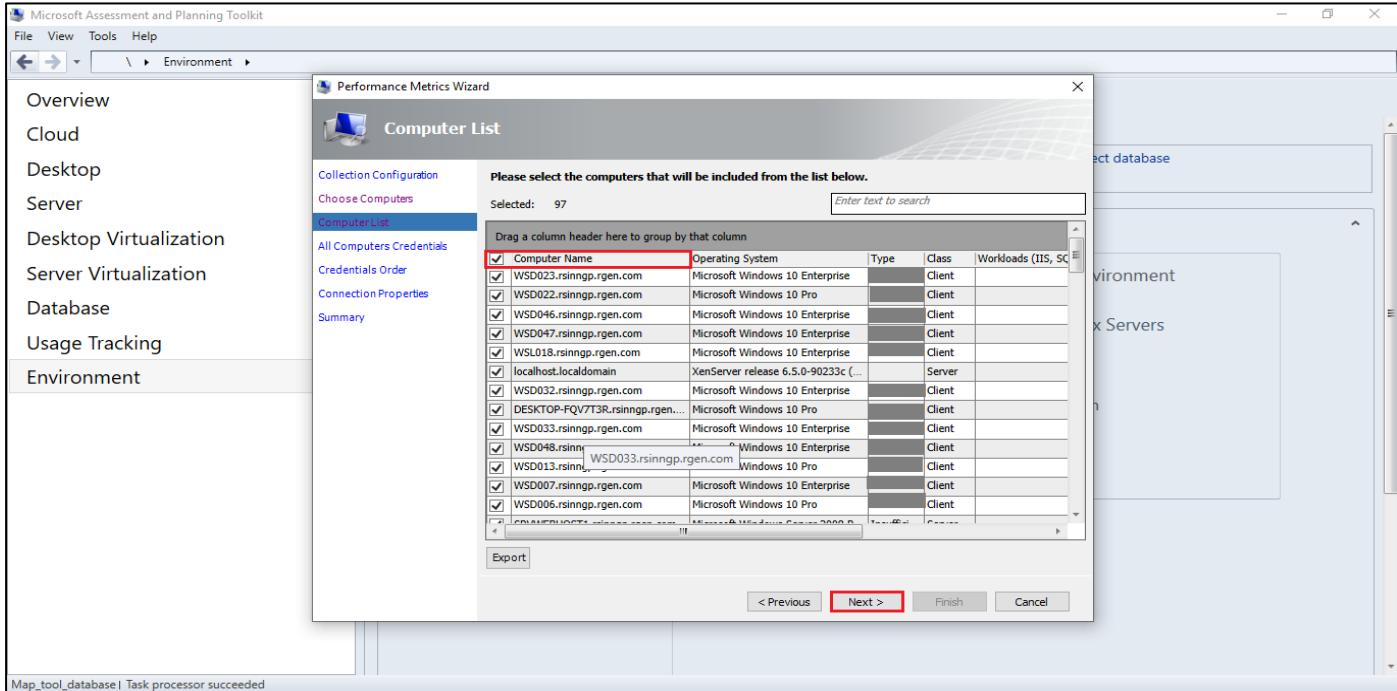


2.2 Steps to generate “PerfMetricResults” excel.

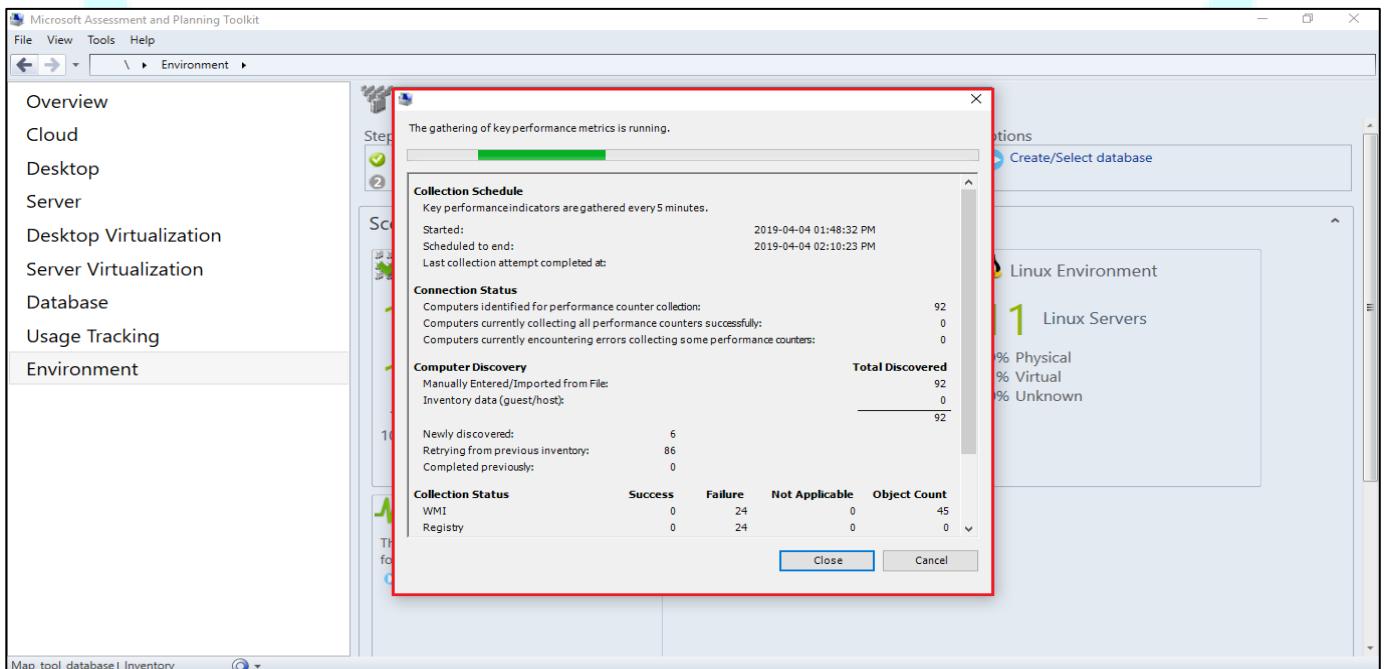
- 1) Click on **server virtualization** tab from left hand side panel → click on **collect performance data**.
- 2) User will get one pop-up.



- 3) In this step user must choose time more than 30 minutes of interval from current time to collect performance data and then click on next tab.
- 4) Click on next tab again
- 5) Select all the computers by check checkbox of **Computer Name** and then click on **Next** tab



- 6) Click on **Next** tab three times.
- 7) Click on **Finish** tab
- 8) User will get one pop-up where user will find MAP-tool started to gather performance data from network



- 9) Wait till it gets completed

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Screenshot of the Microsoft Assessment and Planning Toolkit showing the Server Virtualization section. The 'Collect performance data' step is highlighted with a red box.

Server Virtualization

Steps to complete:

- Collect inventory data (199 Machine(s), 20% Success on 04-04-2019 10:40 AM)
- Collect performance data (1 Machine(s), 0% Success on 04-04-2019 11:30 AM)
- Create hardware configuration
- Run the Server Consolidation Wizard
- Run the Private Cloud Fast Track Wizard

Scenarios:

- Server Consolidation:** This scenario is unavailable until you do the following:
 - Run the Server Consolidation Wizard
- Private Cloud Fast Track:** This scenario is unavailable until you do the following:
 - Run the Private Cloud Fast Track Wizard
- Virtual Machine Discovery:** 0 Hosts
 - 0 Hyper-V
 - 0 VMware
 - 0 Other**28 Guests**
- VMware Migration:** 0 VMware Guests Found
 - 0 Consider for Migration
 - 0 Can't be Migrated
 - 0 Not Assessed**0 VMware Hosts**
- Hardware Library:** 9 Configurations
 - 5 Fast Track
 - 1 Infrastructure with Hosts
 - 3 Host

10) After complete performance collection the "green right" sign will get displayed.

11) Select Environment and Click on **Performance Metrics Report**.

12) User will get one pop-up window.

Screenshot of the Microsoft Assessment and Planning Toolkit showing the Performance Metric Summary section. A red box highlights the 'Report Generation Status' window.

Performance Metric Summary

Steps to complete:

- Collect inventory data (199 Machine(s), 20% Success on 04-04-2019 10:40 AM)
- Collect performance data (1 Machine(s), 0% Success on 04-04-2019 11:30 AM)

Details:

Performance Collection Summary: 0:1:0 Duration (Days:Hrs:Mins)

Report Generation Status: The requested reports have been successfully prepared. Click Close to return to the console and review the reports.

Reports Generated: 1 of 1

Additional Resources:

- Interpreting the Status Page:** This article provides a brief overview of how to interpret the information that is presented on the status page during the performance metric collection process.
- Performance Collection Network Impact:** This FAQ provides a description of the impact that collecting performance information has on the network in your environment as well as other inventory-related information.

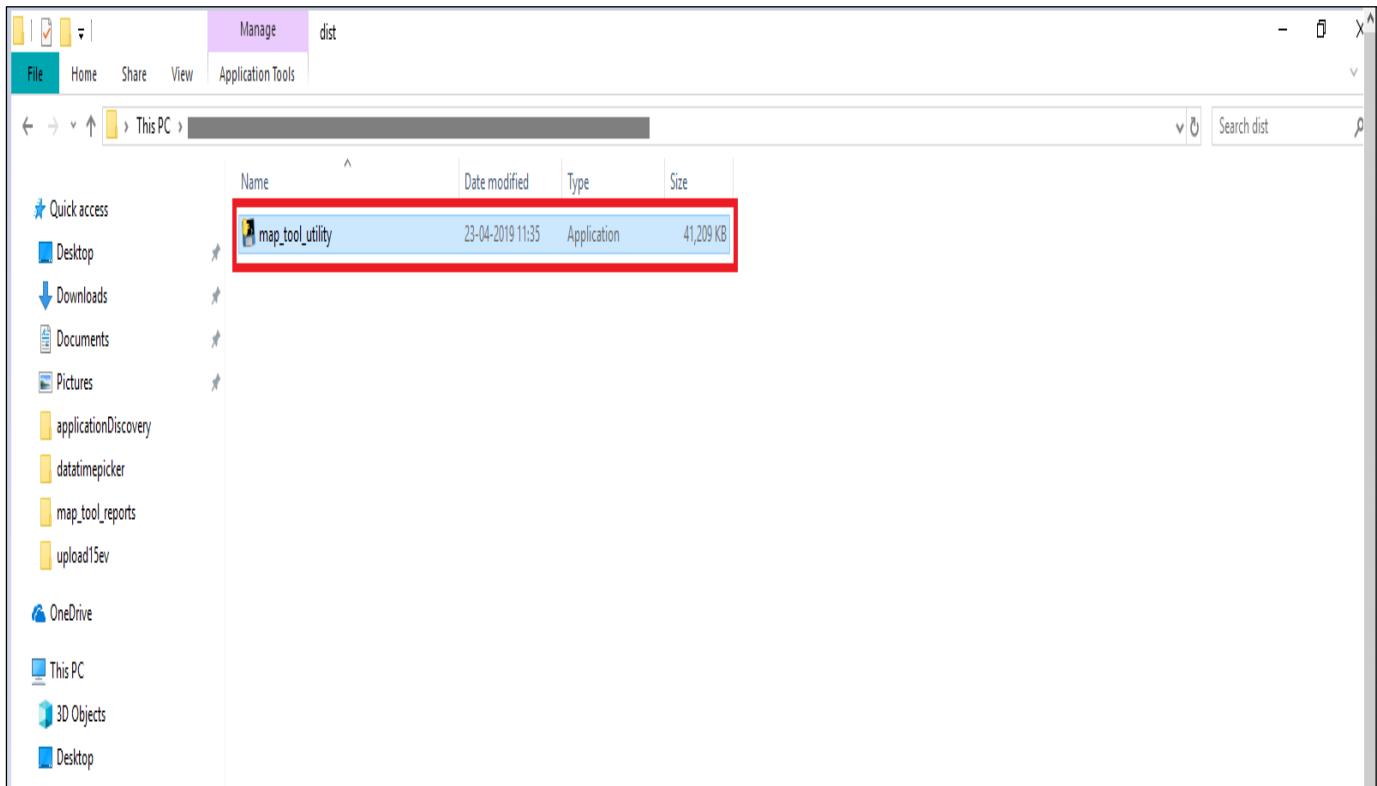
13) Close this window then report will get downloaded into Database folder. (**Note:** -

Please do not edit any map_tool generated files.)

2.3 To store data of “Inventory” and “performance” reports into database

2.3.1 Steps to run the utility:

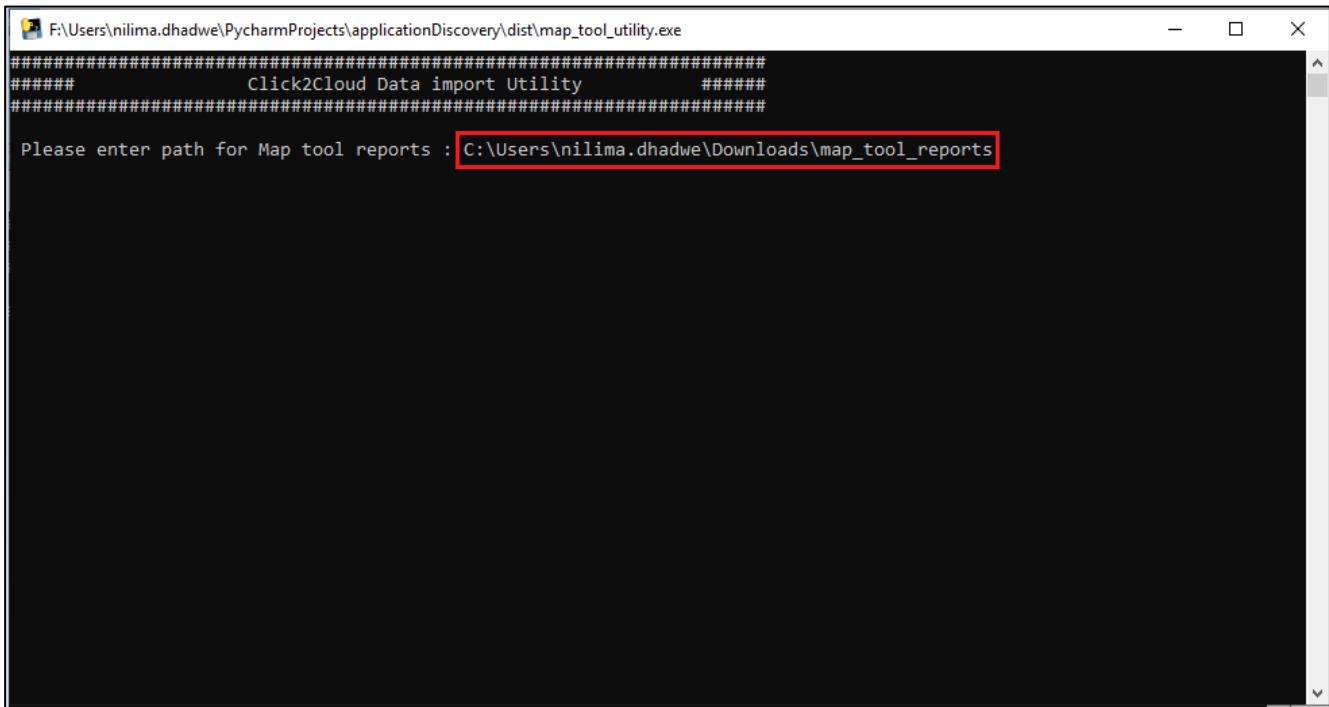
- 1) Download the utility from GitHub
- 2) Go to that directory where downloaded .exe file is located.
- 3) Double click on the .exe file to start execution.



- 4) After .exe file get started.

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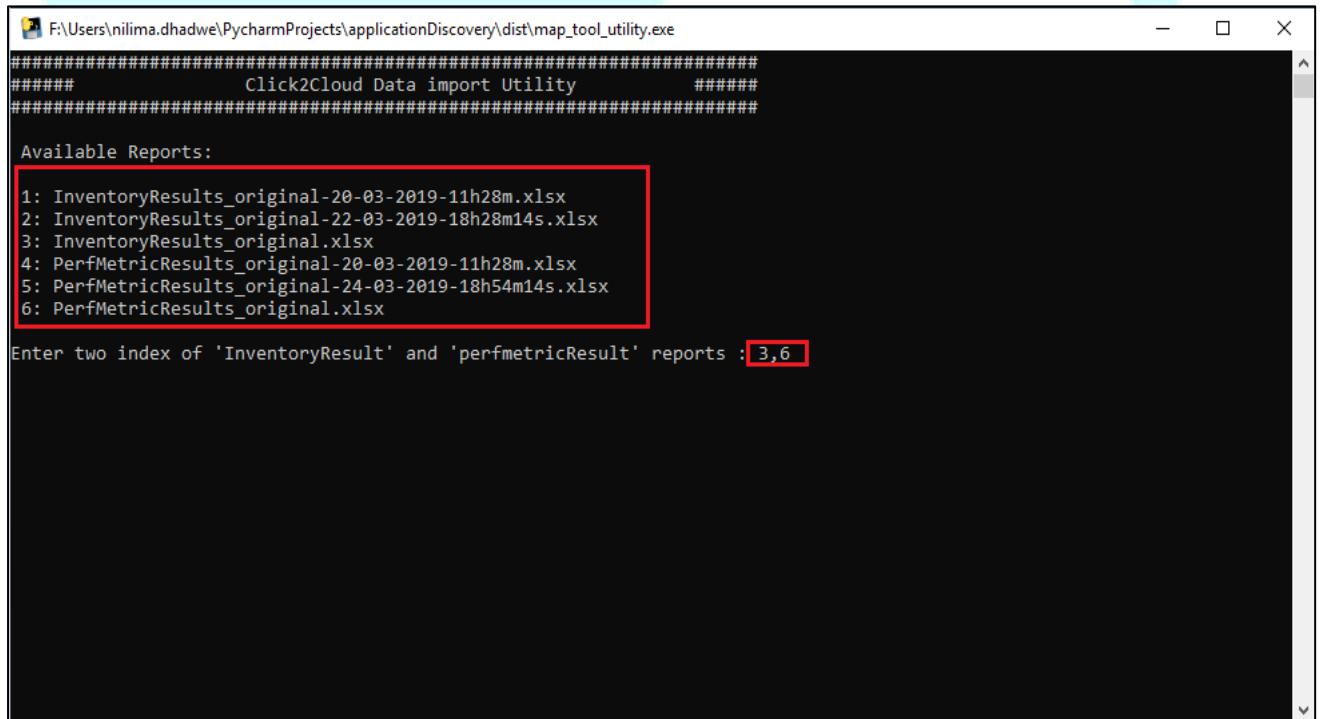
- 5) Enter the local path where map-tool reports are stored.



```
F:\Users\nilima.dhadwe\PycharmProjects\applicationDiscovery\dist\map_tool_utility.exe
#####
##### Click2Cloud Data import Utility #####
#####

Please enter path for Map tool reports : C:\Users\nilima.dhadwe\Downloads\map_tool_reports
```

- 6) Hit 'Enter' button
- 7) Choose one index for 'inventory report' and one index for 'prefmetric report' from given options.



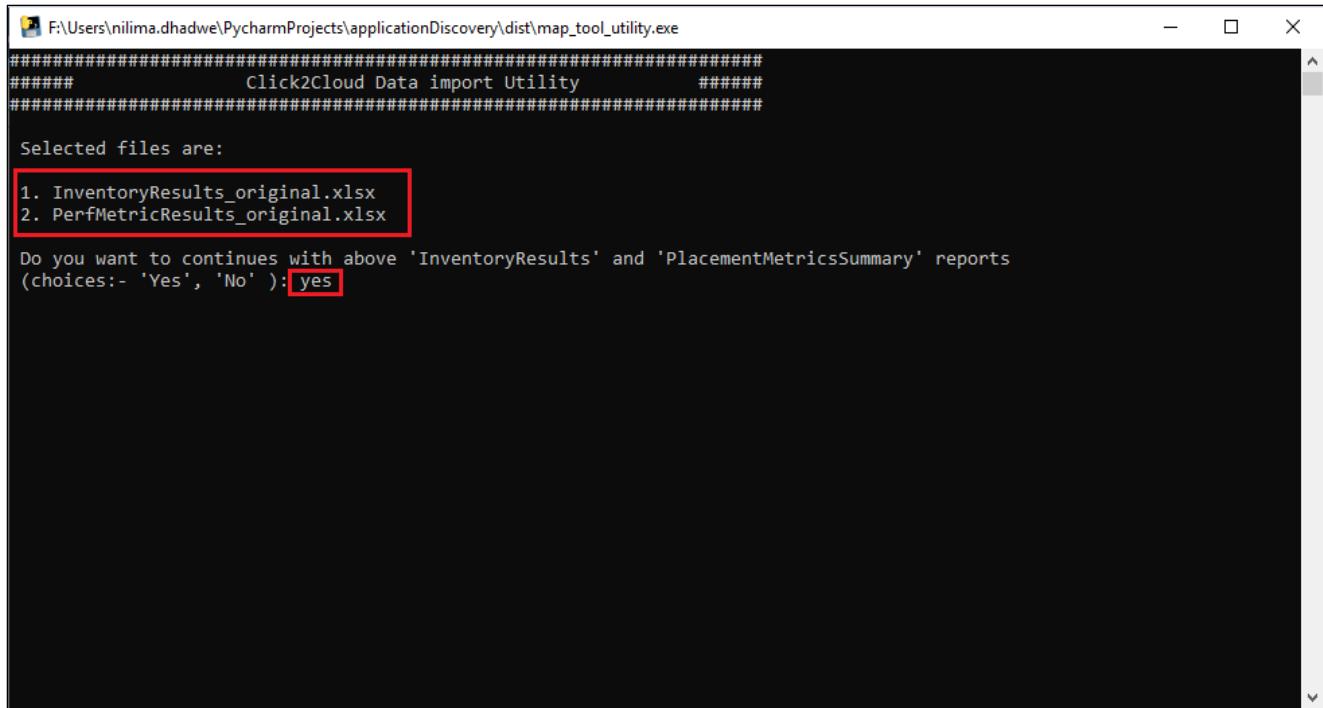
```
F:\Users\nilima.dhadwe\PycharmProjects\applicationDiscovery\dist\map_tool_utility.exe
#####
##### Click2Cloud Data import Utility #####
#####

Available Reports:
1: InventoryResults_original-20-03-2019-11h28m.xlsx
2: InventoryResults_original-22-03-2019-18h28m14s.xlsx
3: InventoryResults_original.xlsx
4: PerfMetricResults_original-20-03-2019-11h28m.xlsx
5: PerfMetricResults_original-24-03-2019-18h54m14s.xlsx
6: PerfMetricResults_original.xlsx

Enter two index of 'InventoryResult' and 'perfmetricResult' reports : 3,6
```

- 8) Hit 'Enter' button.

- 9) You will get the list of selected reports, if you want to continue with these reports then put input as 'yes'.



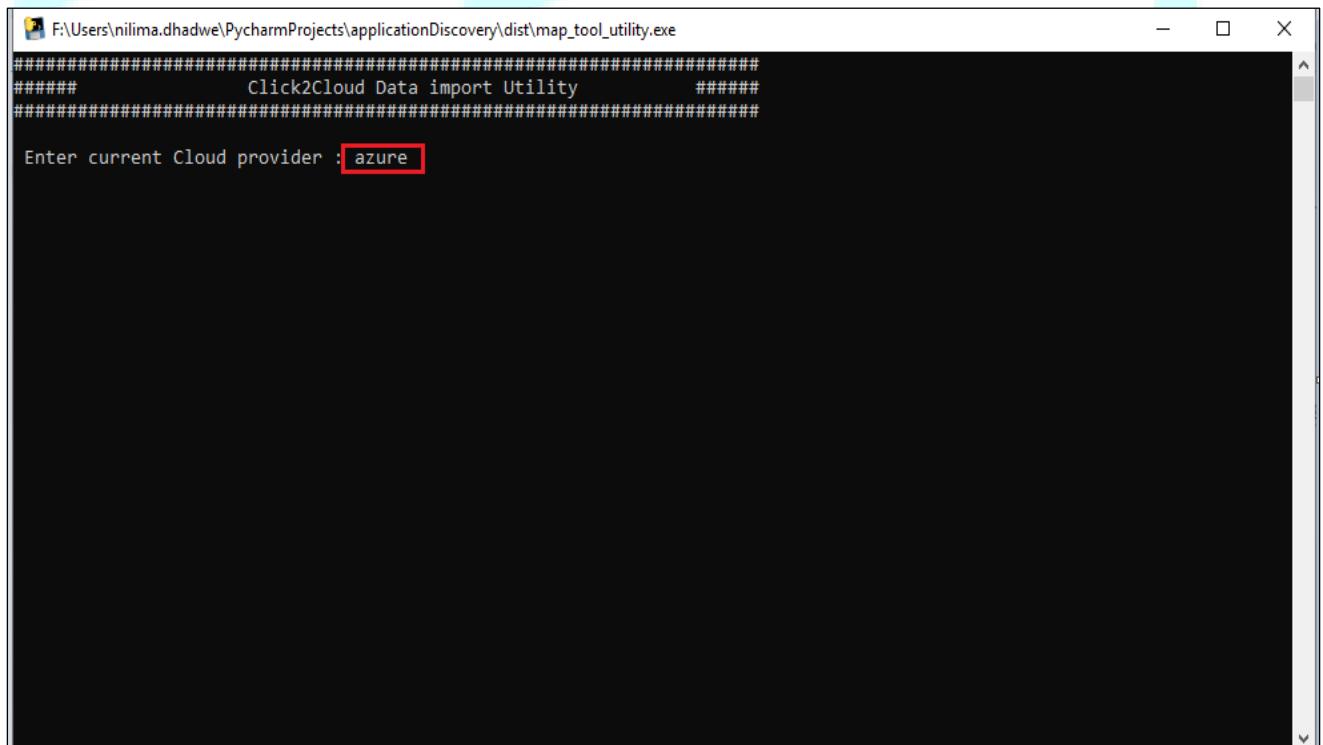
```
F:\Users\nilima.dhadwe\PycharmProjects\applicationDiscovery\dist\map_tool_utility.exe
#####
##### Click2Cloud Data import Utility #####
#####

Selected files are:
1. InventoryResults_original.xlsx
2. PerfMetricResults_original.xlsx

Do you want to continues with above 'InventoryResults' and 'PlacementMetricsSummary' reports
(choices:- 'Yes', 'No' ): yes
```

10) Hit 'Enter' button.

11) Enter name for current cloud provider.

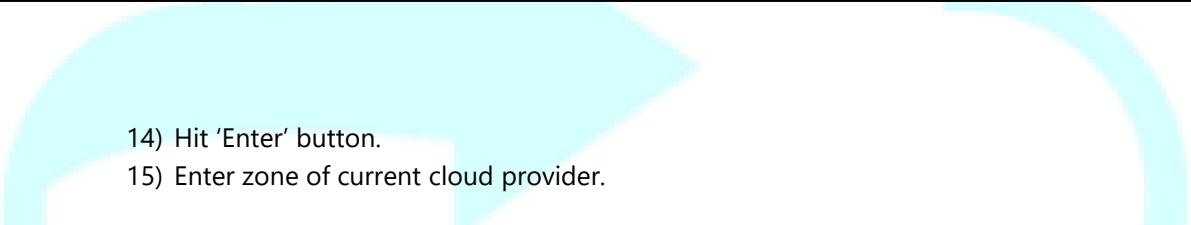


```
F:\Users\nilima.dhadwe\PycharmProjects\applicationDiscovery\dist\map_tool_utility.exe
#####
##### Click2Cloud Data import Utility #####
#####

Enter current Cloud provider : azure
```

12) Hit 'Enter' button.

13) Enter Account Name of current cloud provider.

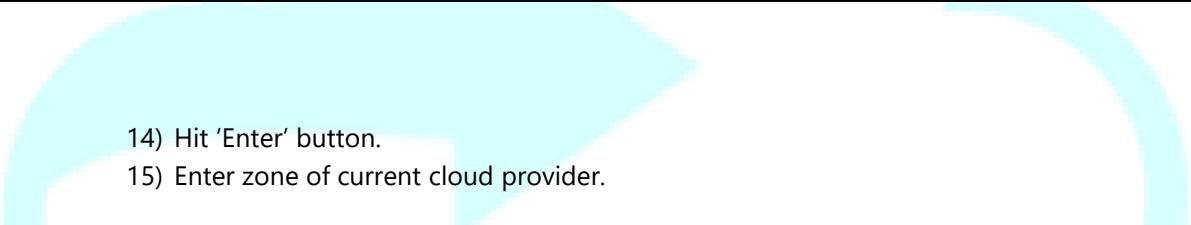


```
F:\Users\nilima.dhadwe\PycharmProjects\applicationDiscovery\dist\map_tool_utility.exe
#####
##### Click2Cloud Data import Utility #####
#####

Enter current Cloud provider : azure
Enter Account Name : azure_test
```

14) Hit 'Enter' button.

15) Enter zone of current cloud provider.

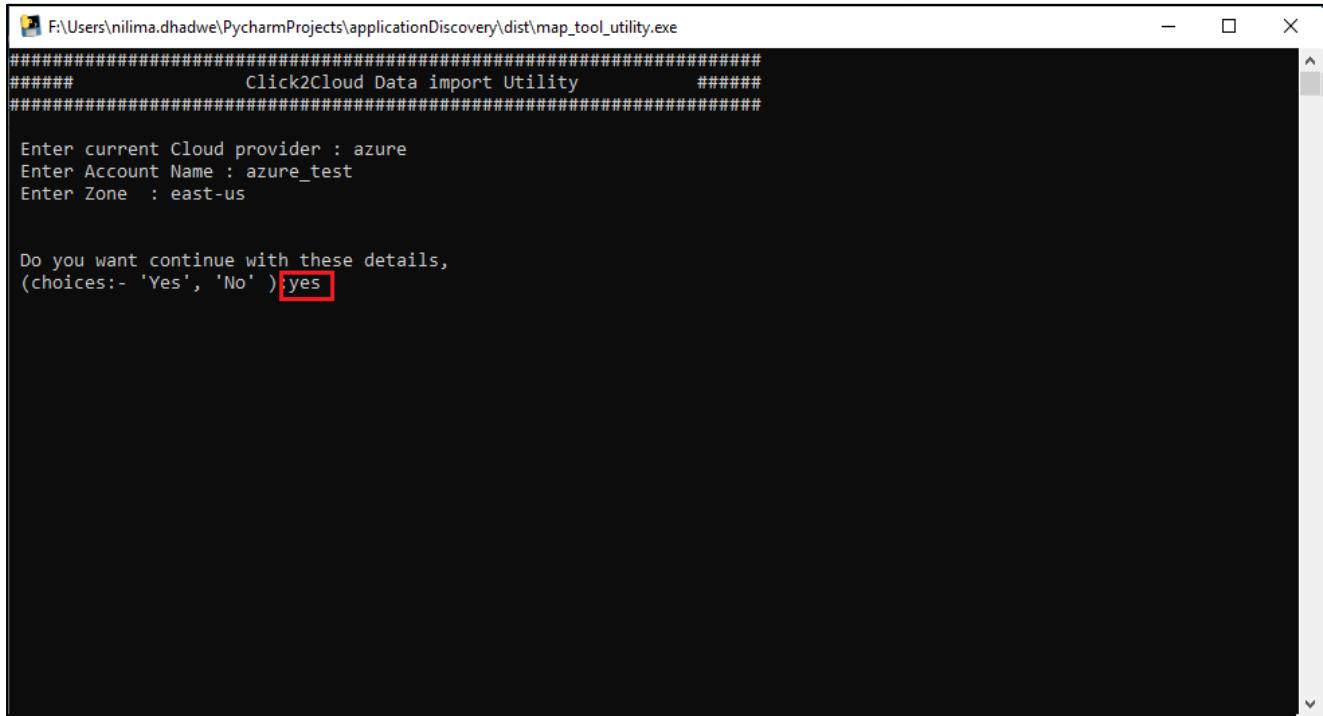


```
F:\Users\nilima.dhadwe\PycharmProjects\applicationDiscovery\dist\map_tool_utility.exe
#####
##### Click2Cloud Data import Utility #####
#####

Enter current Cloud provider : azure
Enter Account Name : azure_test
Enter Zone : east-us
```

16) Hit 'Enter' button.

- 17) You will get one message "Do you want to continue with these details", if 'yes' then put input as 'yes'.

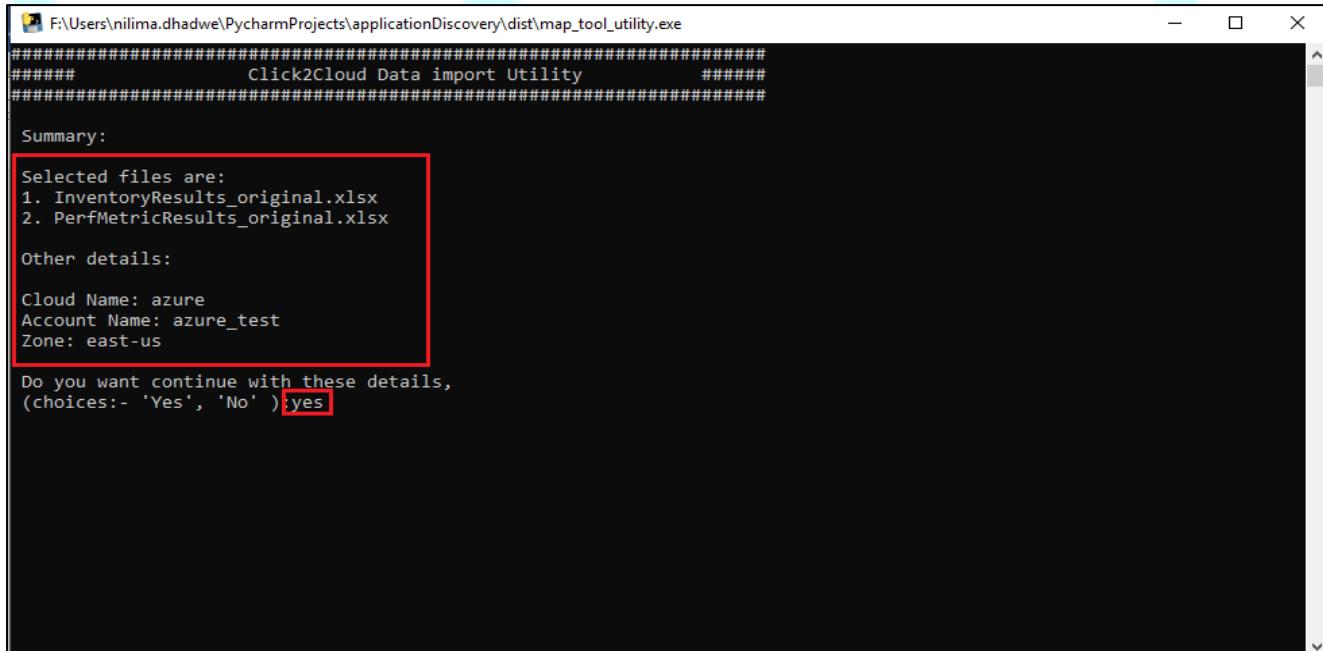


```
F:\Users\nilima.dhadwe\PycharmProjects\applicationDiscovery\dist\map_tool_utility.exe
#####
##### Click2Cloud Data import Utility #####
#####

Enter current Cloud provider : azure
Enter Account Name : azure_test
Enter Zone : east-us

Do you want continue with these details,
(choices:- 'Yes', 'No'):yes
```

- 18) Then, you will get 'summary' of details which you have entered.
19) If you want to continue with these details, put input as a 'yes'.



```
F:\Users\nilima.dhadwe\PycharmProjects\applicationDiscovery\dist\map_tool_utility.exe
#####
##### Click2Cloud Data import Utility #####
#####

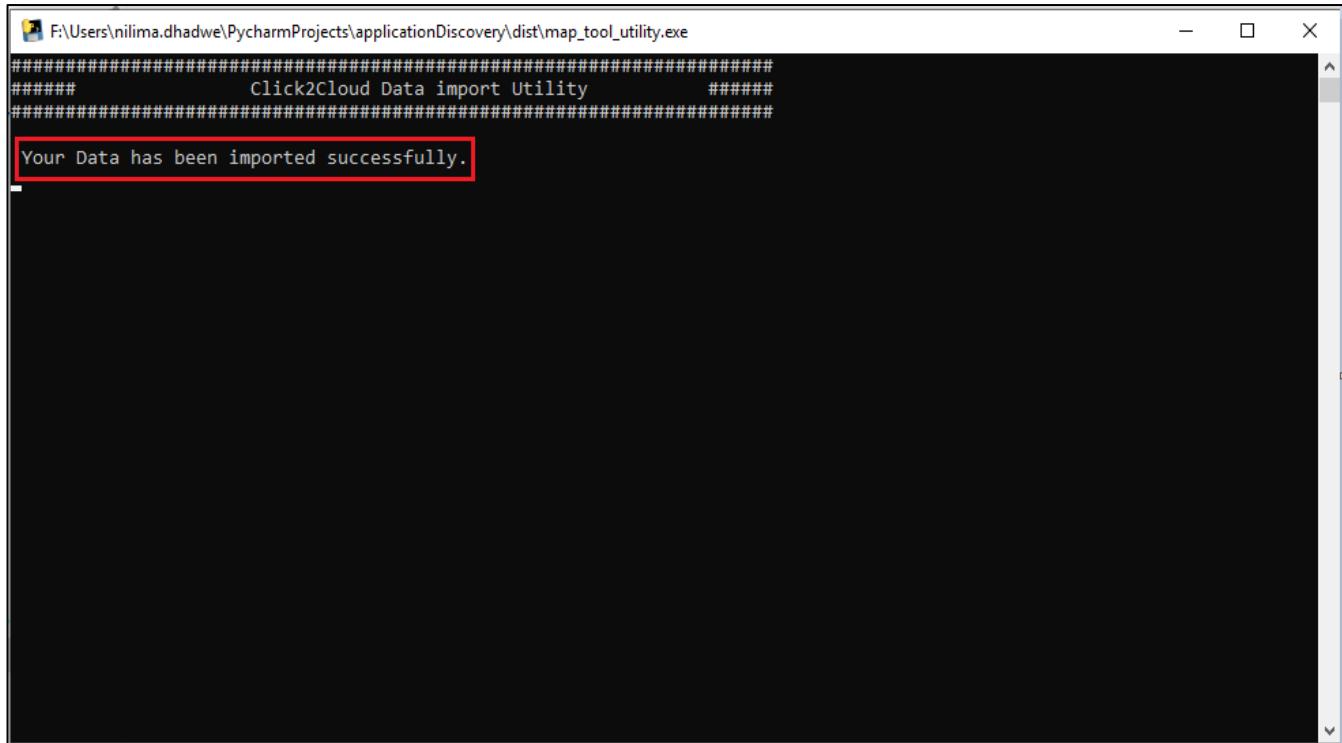
Summary:
Selected files are:
1. InventoryResults_original.xlsx
2. PerfMetricResults_original.xlsx

Other details:
Cloud Name: azure
Account Name: azure_test
Zone: east-us

Do you want continue with these details,
(choices:- 'Yes', 'No'):yes
```

- 20) Hit 'Enter' button.

21) Then You will get one message "Your data has been imported successfully".



```
F:\Users\nilima.dhadwe\PycharmProjects\applicationDiscovery\dist\map_tool_utility.exe
#####
##### Click2Cloud Data import Utility #####
#####
Your Data has been imported successfully.
```

