

Server Migrations

- [Refer Here](#) for 7 R's of migration
- Migration Types
 - P2V (Physical to Virtual)
 - V2V (Virtual to Virtual)
- VMWare is most popular virtual platform used on-prem
- For VMWare we have broadly two options
 - VMWare to AWS/Azure Virtual Machines
 - Vmware on-prem to VMWare cloud
 - [Refer Here](#) for aws vmware solution
 - [Refer Here](#) for azure vmware solution

Virtual machine on-prem to AWS cloud

- Application Migration Service helps in migrating vmware virtual machines or physical machines into AWS

The screenshot shows the AWS Application Migration Service console. The main heading is "AWS Application Migration Service" with the subtext "Simplify and accelerate migrations to AWS". A "Start migrating" button is visible. Below this, a "How it works" section contains a flowchart with five steps: "Setup service", "Import inventory - optional", "Replicate to AWS", "Test", and "Cutover". The "Replicate to AWS" step is highlighted with a green box and contains three options: "Option one: Install the replication agent on the source servers.", "Option two: Install the MGN connector in your data center and use it to install the replication agent across your inventory.", and "Option three: Install the appliance in your vCenter, and activate agentless replication." The "Test" step is also highlighted with a green box and contains the text "Launch instances in EC2, to verify your applications work as expected. Post-launch actions are automatically activated." The "Cutover" step is highlighted with a green box and contains the text "Launch cutover instances in EC2, for production. Post-launch actions are automatically activated. Finalize your migration to remove the agent from your source servers." The footer of the console shows "© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preference".

Migration & Transfer

AWS Application Migration Service

Simplify and accelerate migrations to AWS

The easiest and quickest way to migrate your virtual, physical, or cloud-based servers to AWS, with minimal business disruption.

Start migrating

Start migrating your servers to AWS within minutes.

Get started

Pricing

AWS MGN is free for the first 90 days (2,160 hours), for each server being migrated.

If you exceed the free period for any server, you will

How it works

Setup service
Initialize the service with default replication, launch and post-launch templates.

Import inventory - optional
Import waves, application and server definitions including EC2 launch template attributes.

Replicate to AWS

Option one: Install the replication agent on the source servers.

Option two: Install the MGN connector in your data center and use it to install the replication agent across your inventory.

Option three: Install the appliance in your vCenter, and activate agentless replication.

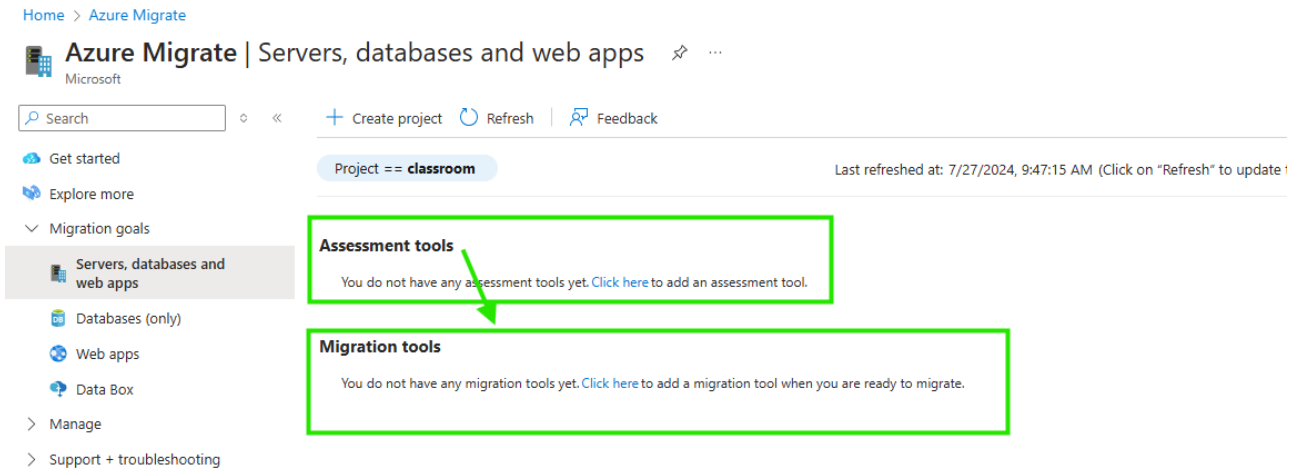
Test
Launch instances in EC2, to verify your applications work as expected. Post-launch actions are automatically activated.

Cutover
Launch cutover instances in EC2, for production. Post-launch actions are automatically activated. Finalize your migration to remove the agent from your source servers.

© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preference

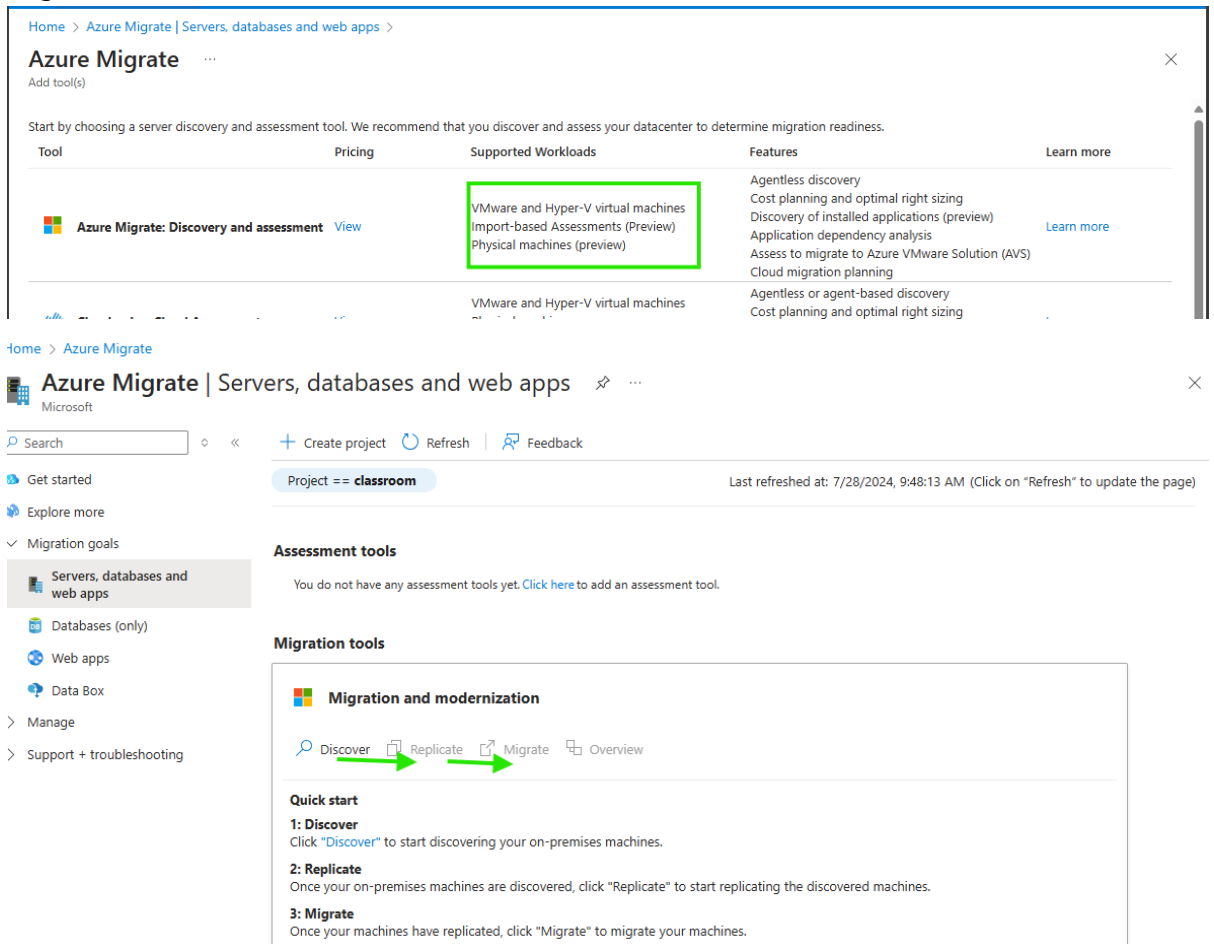
Virtual Machine on-prem to Azure

- Azure Migrate



- Steps

- Assessment
- Migrate



Virtual Desktops (VDI)

- In this space we have solutions from
 - Citrix
 - Microsoft VDI

- VDI migration (IT job)