

Migrating to Nutanix - VM Migrations

[PDF generated September 26 2024. For all recent updates please see the Nutanix Bible releases notes located at https://nutanixbible.com/release_notes.html. Disclaimer: Downloaded PDFs may not always contain the latest information.]

Nutanix Move can migrate VMs onto the Nutanix Cloud Platform from many different hypervisors such as ESXi and Hyper-V as well as from AWS EC2, VMware Cloud (VMC) on AWS and Microsoft Azure. For the most up-to-date listing of supported migrations check the [Move user guide](#).

Test Drive

Interested in getting hands-on with a VM Migration with Nutanix Move? Take it for a spin with Nutanix Test Drive!

<https://www.nutanix.com/test-drive-migrate-applications>

Move allows you to create different migration plans to migrate your VMs. Below are some best practices for VM migration plans.

VM Migration Best Practices

- Group VMs for Migration
 - Migrate in parallel from multiple hosts
 - Max of 50 VMs per Migration Plan
 - Migrations for ESXi Support up to 100 max VMs
- Optimize your Schedule
 - Pre-seed VM data in advance of cutover
 - Cutover should be within one week of the initial pre-seed
 - Elongated seeding windows can incur additional disk usage in the source VM.
- Guest OS Preparation
 - Two key reasons why VM prep fails:
 - UAC and WinRM
 - Switch to Manual mode to troubleshoot VM preparation issues
- DB Server Migrations
 - Move supports “like for like” migrations
 - DB Server migrations should follow best practices and may require re-platforming
 - Move can migrate Databases, but you need to apply best practices after migrations