



## **Virtual Desktop Managed Service (VDMS) Service Summary**

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NetApp

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# Table of Contents

Virtual Desktop Managed Service (VDMS) Service Summary .....	1
User Resource Allocation .....	1
Other VDMS SKUs .....	2

# Virtual Desktop Managed Service (VDMS) Service Summary

## User Resource Allocation



This article seeks to accurately describe the technical details of the VDMS service. Service details are subject to change and this article does not represent an amendment or alteration to any existing agreements, contracts or other arrangements between NetApp and any customers or partners.

### Shared Users (SKU: VDMS-SUBS-SHARED-USER)

Shared user sessions run on a Session Host Virtual Machine (SHVM) with up to 10 user sessions. The total number of shared SHVMs allocated will ensure at least one shared SHVM for every 10 shared users in the environment.

#### Resources allocated per shared user:

- 8/10ths of a vCPU core
- 6.4 GiB RAM
- 25 GiB Storage

#### Shared SHVM technical details:

- Typically from the [Esv3](#), [Eav4](#) and [Easv4](#) families of Azure virtual machines.
- 128 GiB Standard SSD OS disk
- Windows 10 Enterprise for Virtual Desktop
- FSLogix attached containers user profile
- Attached storage for company share

### VDI Users (SKU: VDMS-SUBS-VDI-USER)

A VDI user's session runs on a dedicated Session Host Virtual Machine (SHVM) that does not concurrently host any other user sessions. The total number of VDI SHVMs is equal to the total number of VDI users in the environment.

#### Resources allocated per VDI user:

- 2 vCPU cores
- 8 GiB RAM
- 25 GiB Storage

#### VDI SHVM technical details:

- Typically from the [Dsv3](#), [Dav4](#) and [Dasv4](#) families of Azure virtual machines.
- 128 GiB Standard HDD OS disk
- Windows 10 Enterprise for Virtual Desktop

- FSLogix attached containers user profile
- Attached storage for company share

## GPU Users (SKU: VDMS-SUBS-GPU-USER)

A GPU user's session runs on a dedicated Session Host Virtual Machine (SHVM) that does not concurrently host any other user sessions. The total number of GPU SHVMs is equal to the total number of GPU users in the environment.

### Resources allocated per GPU user:

- 8 GiB GPU RAM
- 25 GiB Storage

### GPU SHVM technical details:

- Typically from the [NVv3](#) and [NVv4](#) families of Azure virtual machines.
- 128 GiB Standard HDD OS disk
- Windows 10 Enterprise for Virtual Desktop
- FSLogix attached containers user profile
- Attached storage for company share

## Other VDMS SKUs

### Business Servers (SKU: VDMS-AZURE-BUSINESS-VM)

The business server can be added to an environment to support applications and services.

### Each business server VM is allocated at least:

- 8 vCPU cores
- 64 GiB RAM
- 128 GiB Standard SSD OS disk
- Windows Server 2012R2/2016/2019
- Typically from the [Esv3](#), [Eav4](#) and [Easv4](#) families of Azure virtual machines.

### Additional Storage (SKU: VDMS-1TB-STORAGE-HPRSCLR)

The *Data Storage Layer* is the primary storage mechanism for the VDMS environment and runs on either Azure Files or Azure NetApp Files (ANF). The storage technology used is determined by the total VDMS users purchased. Additional capacity can be added in 1TiB increments.

User profiles, user data, company shares, application data and databases should all run from this storage service. It is best practice to avoid storing data on VM disks whenever possible.

Capacity is the sum of the per-user allocation (25 GiB/user) and additional TiBs storage purchased.

**Table 1. Data Storage Layer Type & Tier**

Metric	Azure Files GPv2	ANF Standard	ANF Premium
User Count	10-49	50-249	250+
Minimum size	250 GiB	4 TiB	4 TiB
IOPS	Up to 1,000	Up to 250/TiB	Up To 1,000/TiB
Throughput	Up to 60MiB/sec	Up to 16 MiB/sec/TiB	Up to 64 MiB/sec/TiB

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