

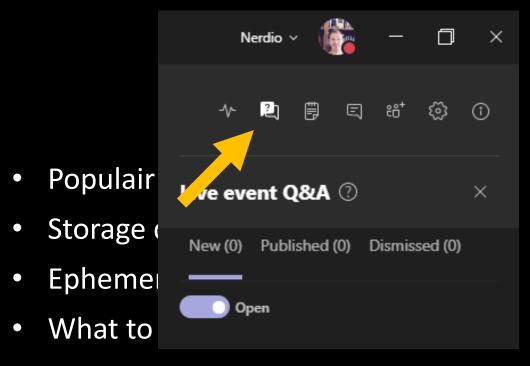




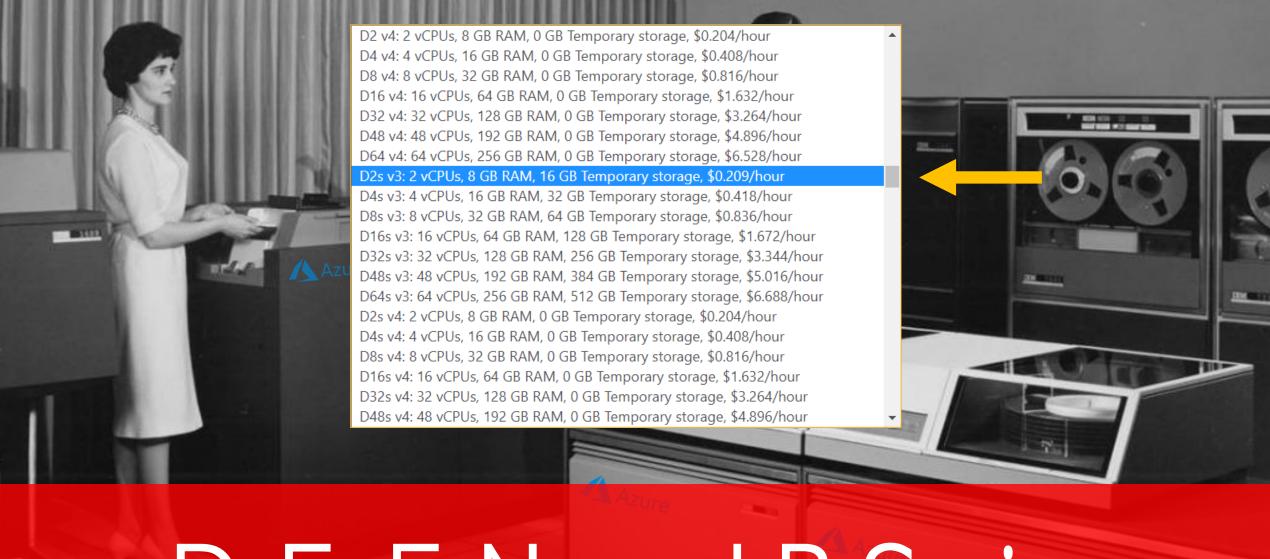
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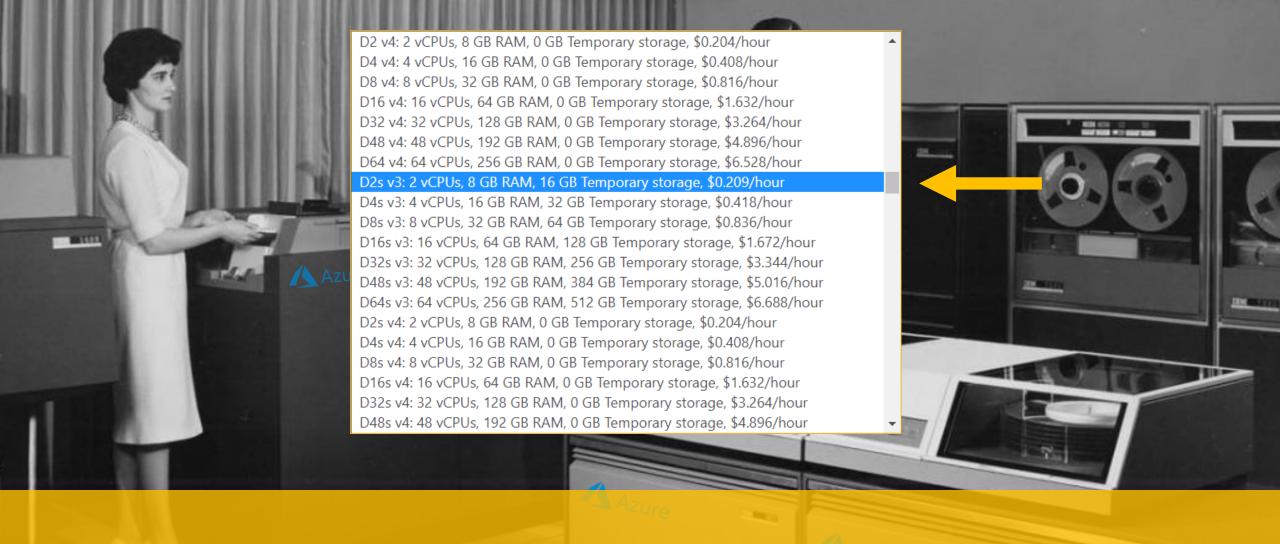
Agenda



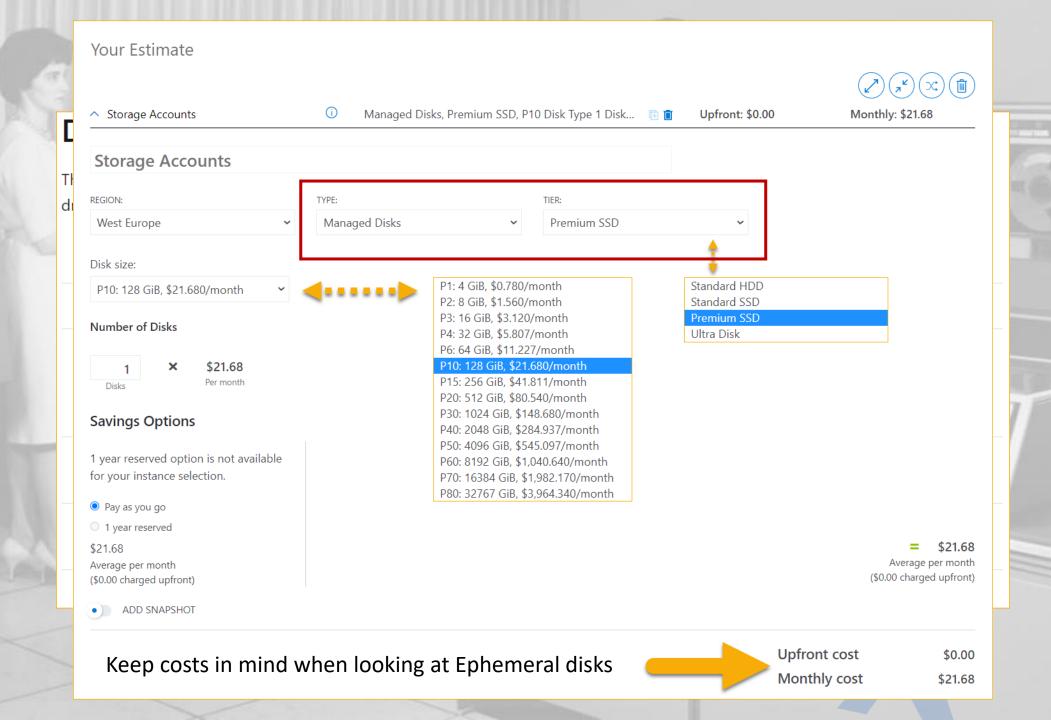
- What to take advantage of
- RDHS / VDI use-case
- Turning cons into pros
- Nerdio demo

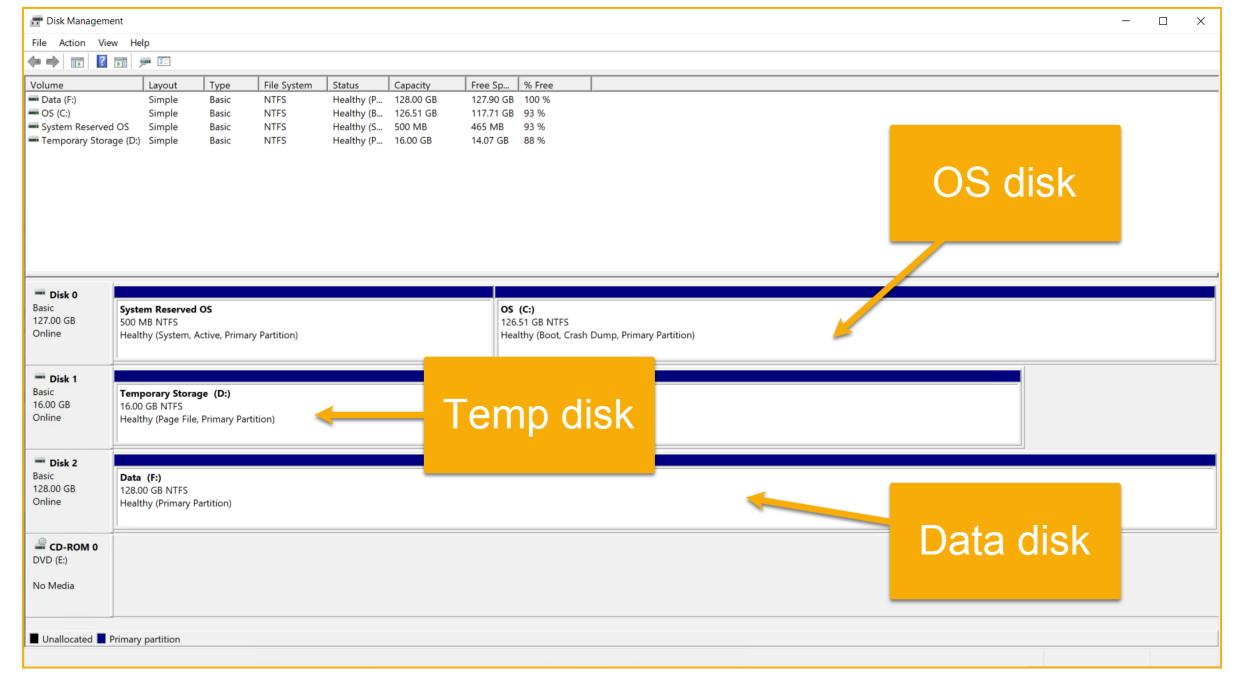


D, E, F, N, and B Series



https://azure.microsoft.com/en-us/globalinfrastructure/services/?products=virtual-machines®ions=all





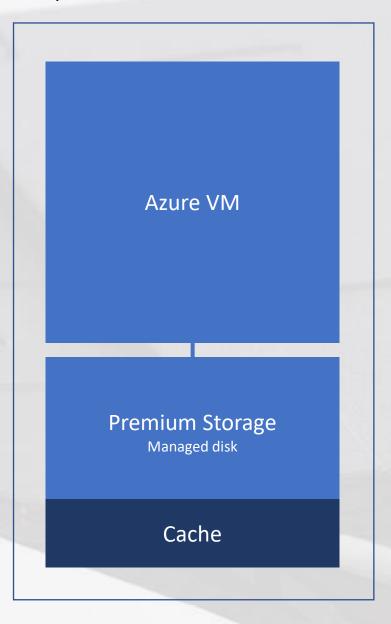
Keep temp disks in mind when looking at Ephemeral disks

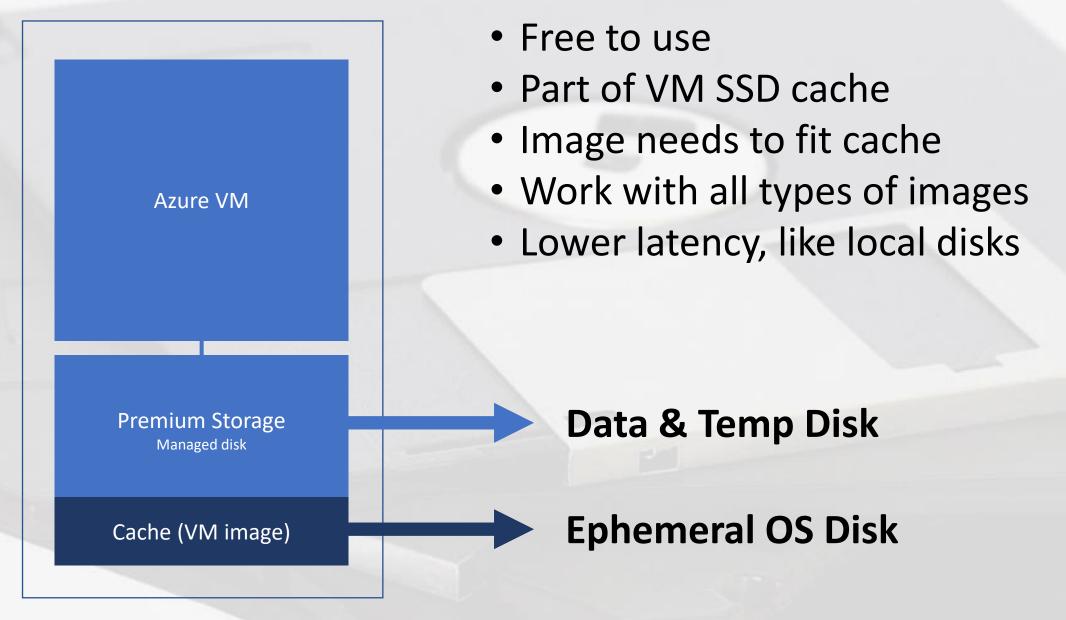


Manageddisks and Premiumstorage



Physical machine in Azure datacenter





Keep an eye on

- Not available for all VM types
- Cannot be stop-deallocated
- Dependent on cache size
- Not supported
 - Capturing VM images
 - Disk snapshots
 - Azure Disk Encryption
 - Azure Backup
 - Azure Site Recovery
 - OS Disk Swap

Take advantage of

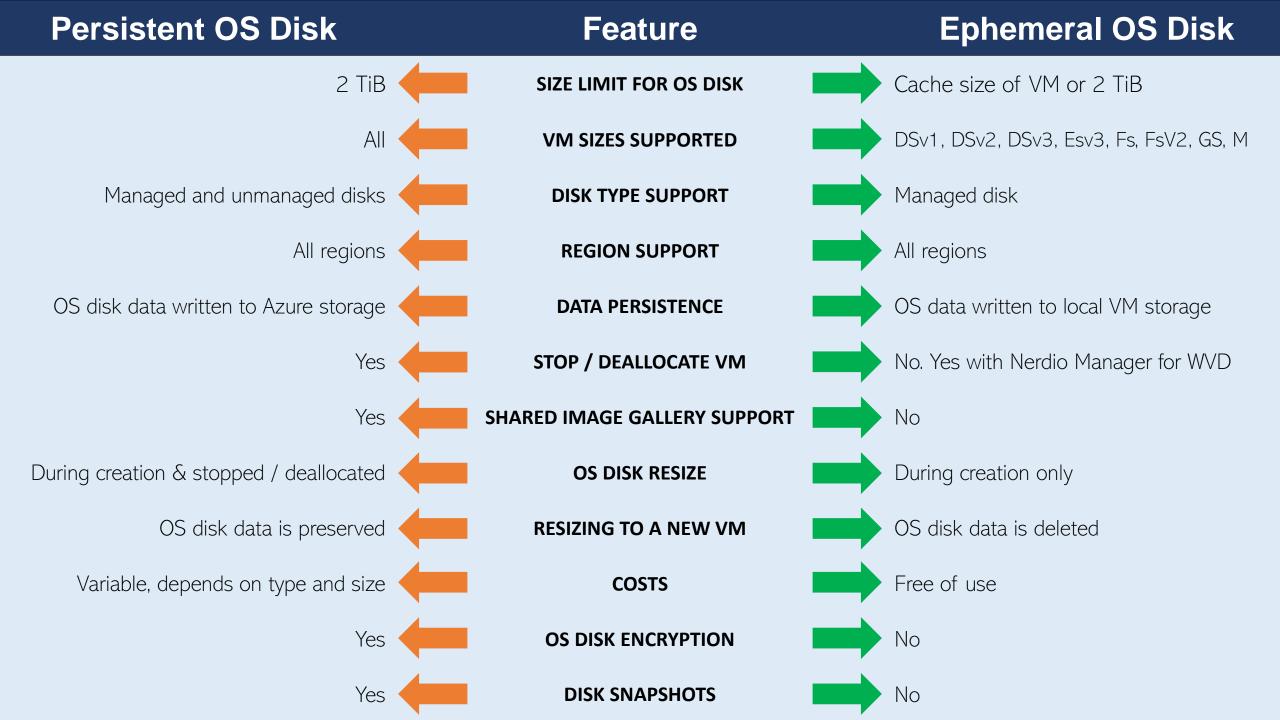
- Local to VM, no mounting needed, faster provisioning, faster start/stop...
- Populair VM's for WVD are supported
 - DSv1, DSv2, DSv3, Esv3, Fs, FsV2, GS, M
- Perfect fit for Nerdio Manager for WVD
- Cost savings. They are FREE

https://www.cloudarchitect.be/2019/07/15/ virtual-desktop-running-o os-disks/



Micha Wets

www.cloud-architect.be



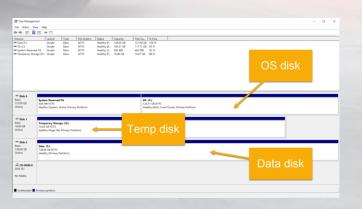


Demo





Preview - Ephemeral OS Disks can now be stored on temporary disks



User
User
User
User
User

WVD host

#fslogix

User

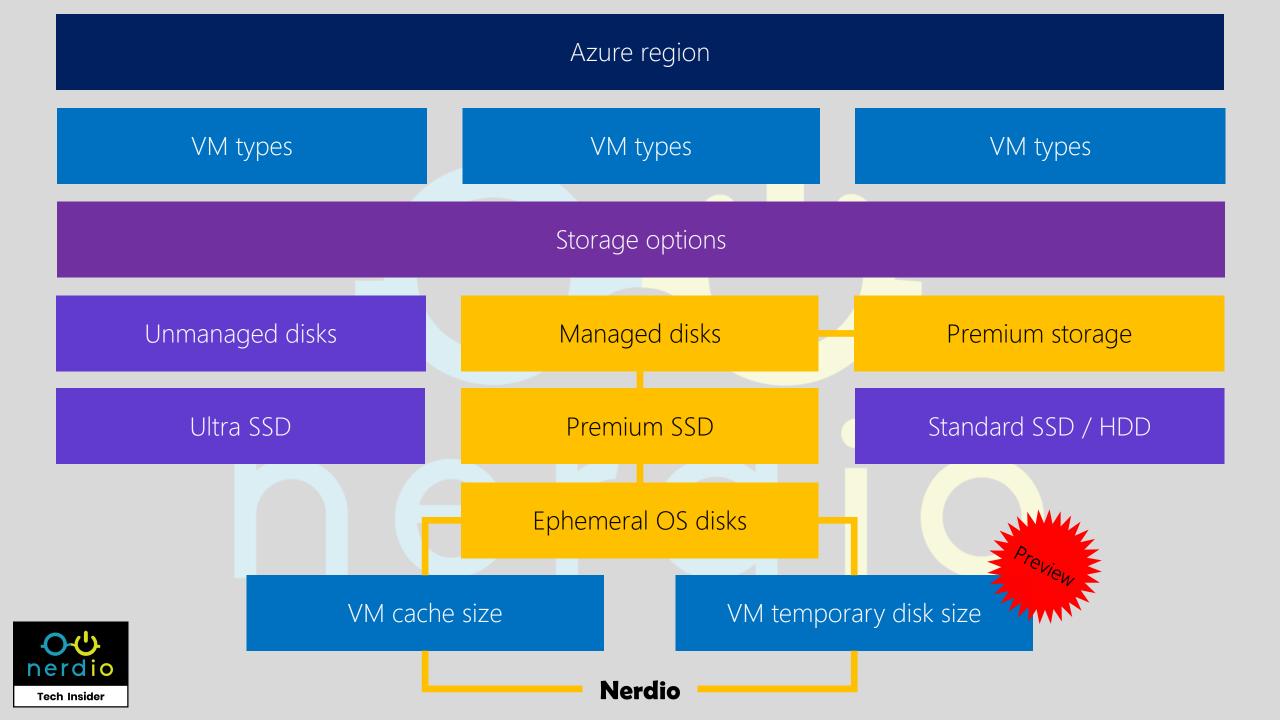
WVD host

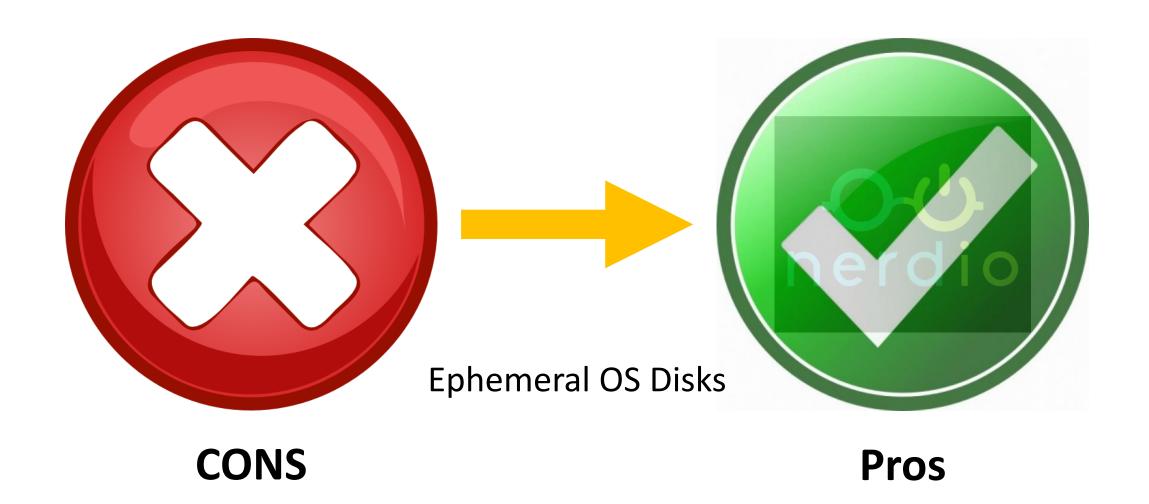
@fslogix











AUTO-SCALE ® Multi-session dynamic host pools provide each user a desktop session on a session host VM within the host pool. When auto-scaling is configured by setting minimum and maximum host pool sizing and defining the scaling logic that properly sizes the host pool with sufficient capacity to support the user load. When auto-scale is turned off, session hosts can be session host. to and removed from the host pool. Hosts will be provisioned based on the template for pool: EPH NAME PREFIX: (1) ESTIMATED MONTHLY COSTS ① NWM-Demo-Vnet (NWM) MAXIMUM (i) NETWORK: COMPUTE ® \$121.67 \$584.00 DESKTOP IMAGE (TEMPLATE): Windows 10 (20H2) EVD (multi-session) STORAGE ① D8s_v3 (8C/32GB/Standard) VM SIZE (TEMPLATE):

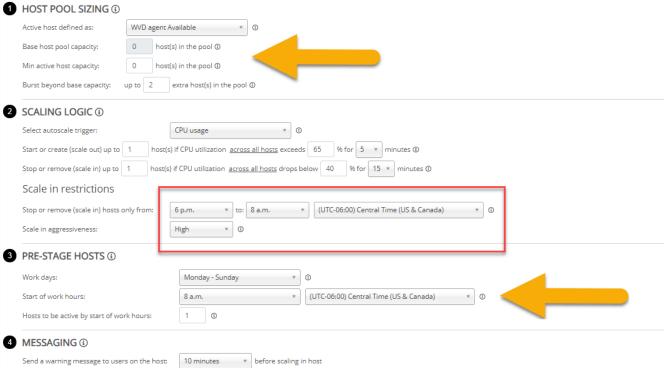
Changes to the template will apply to newly created or re-imaged host VMs.

OS DISK (TEMPLATE): RESOURCE GROUP:

Re-use host names (1)

128 GB (Ephemeral OS disk up to 200 GB)

NWM-Demo





The message should say: ①

Sorry for the interruption. We are doing some housekeeping and need you to log out. You can log in right away to continue working. We will be terminating your session in 10 minutes if you haven't logged out by then.

5 AUTO-HEAL BROKEN HOSTS ①

Auto-scale can automatically attempt to repair "broken" session hosts by restarting and deleting/recreating them. It can make a few attempts to restart the host to try to get it back into operational state and then either leave it alone or delete and re-create the host.





Demo



()-()nerdio for WVD

Manager

Community Edition





Tech Insider



https://www.meetup.com/Nerdio-Tech-Insider/



https://communityinviter.com/apps/nerdiotechinsider/nerdio-tech-insider



LINKS

- VM series per region: https://azure.microsoft.com/en-us/global-
 infrastructure/services/?products=virtual-machines®ions=all
- Disk types in Azure: https://docs.microsoft.com/nl-nl/azure/virtual-machines/disks-types
- Azure Managed Disks: https://docs.microsoft.com/nl-nl/azure/virtual-machines/managed-disks-overview
- Managed Disk bursting: https://docs.microsoft.com/nl-nl/azure/virtual-machines/linux/toc=/azure/virtual-machines/linux/toc.json&bc=/azure/virtual-machines/linux/breadcrumb/toc.json
- B-series burstable Azure VM's: https://docs.microsoft.com/nl-nl/azure/virtual-machines/sizes-b-series-burstable
- Azure VM sizes, including available cache for Ephemeral OS Disks: https://docs.microsoft.com/nl-nl/azure/virtual-machines/sizes
- Ephemeral OS Disks for Azure VM's: https://docs.microsoft.com/nl-nl/azure/virtual-machines/ephemeral-os-disks
- Nerdio Manager for WVD Community Edition:
 <u>https://getnerdio.com/academy-enterprise/available-now-nerdio-manager-for-wvd-community-edition/</u>
- Nerdio Manager for WVD Zendesk page: https://nmw.zendesk.com/hc/en-us

nerdio

THANK YOU!