

Horizon Cloud on Azure - Part 2 (Twitter - @askaresh)

Create an Application Assignment

- Select New Assignments and then select Application
- General Information
 - Select Location
 - Select Pod
 - Assignment Name Enter
 - Friendly name to identify Apps assignments
- Applications
 - Select all the Applications
 - Applications from all Farms will be displayed here
- Users
 - Select the AD group to which the application or group of applications will be assigned
- Summary
 - Click on Submit

Create an Assignment for Multi-session or Hosted Shared Desktop

- Select New Assignments and then select Desktop
- General Information
 - Select Location
 - Select Pod
 - Select the Farm
 - Assignment Name Enter
 - Friendly name to identify Apps assignments
- Users
 - Select the AD group to which the hosted desktop will be assigned
- Summary
 - Click on Submit

Create a Virtual Desktop Assignment (Persistent Full Clone)

- Go to Assign Desktops & Apps - VDI - New - Microsoft Azure

Create a Virtual Desktop Assignment (Non Persistent - Floating)

- Go to Assign Desktops & Apps - VDI - New - Microsoft Azure

AppStack

- If you all get interested I can add AppStack
- MSIX App Attach features

Creating a Virtual Desktop or RDSH Image

Import VM

- Enter Location: Nearest geographic location
- Select the Pod: The Horizon Cloud Pod which we deployed in Part 1 (Both should be auto selected)
- Virtual Machine Details
 - Select the OS: Virtual Desktop - E.g. Windows 10 Enterprise 21H1 or else Multi session Windows 10
 - RDSH - Windows Server 2019
 - Disable - Include GPU (Enable if your use case demands)
 - Domain Joined - (Mandatory if you are installing App Volumes Agent)
 - Enable Public IP - Enabled (this will allow you to further customize the image from Azure RDP)
 - Optional if you have Azure Bastion you can access the image from there and no public IP is required.
 - Optimized Windows Image - Enabled
 - Remove Windows Store Apps - Enabled
- Admin Credentials
 - Enter the username (don't use admin)
 - Enter the password for the account (Adhere to Azure standards)
- Provide the VM a name and description
- Advance Properties (Enable/Disable Depending upon use case)
 - App Volumes Agent - Enable
 - Enable Flash MMR
 - Client Drive Redirection - Enable
 - MMR for TS - Enable
 - Skype for Business - Disable
 - RTAV Support - Enable
 - Smart Card - Disable
- Windows License is required
- Click on Import and be patient the image will show-up under Imported VM with status Active
- Might need to select the VM and hit Reset Agent Pairing
- As we gave it a public IP you can access the VM or via Bastion and install additional software or customization based on your requirements
- Install RDS Role for Windows Server 2016

Create Image (Converting VM to Image)

- Enter Location: Nearest geographic location
- Select the Pod: The Horizon Cloud Pod which we deployed in Part 1 (Both should be auto selected)
- Select the Desktop - we created in previous step
- Image Name - Name of the VM in previous steps
- OS Properties
 - Company Name
 - TimeZone - Select based on your geography
- Admin Credentials
 - Enter the username (don't use admin)
 - Enter the password for the account
- Click on Publish
- Create additional image following the above two steps of Import VM and Create Image

Create Desktop Farm

- This is used for creating a Farm for Windows Server 2019 VMs or Windows 10/11 Enterprise Multi-session
- Enter Farm Name and Description
- Enter VM Name: Whatever you enter it will automatically append numbering towards the end
- Farm Type: Desksops (RDS based remote hosted desktops using (Desktop experience))
- Enter Location: (Both should be auto selected)
- Select Pod: (Both should be auto selected)
- Select VM Model
 - Tag = VMware recommended
 - Appropriate Size CPU/Mem based on the user/SKU requirements
 - Disk Type - SSD
 - Disk Size - 128 GB
- Not a multi pod image - Disable
- Select Image Name: Previously created step
- Protocol - Blast
- Join Domain - Enable: It will join all the VMs of the farm to the domain
- Farm VMs
 - Min VMs: Min number of VMs available within the Farm pool
 - Max VMs: Max number of VMs available within the Farm pool
 - Sessions per VM: How many user per VM calc, depends in your VM Size
 - Power off Protect Time
- Management
 - Rolling Maintenance: Weekly and select the time/date
 - Power Mgmt. - Performance
 - Advanced
 - Log-off disconnected sessions
 - Enter the Timeout settings: Max Session lifetime, Session Timeout interval
 - Schedule Power Mgmt.: Enter name, Enter Day, Min. number of VMs
- Load Balancing: Default Values in Horizon Cloud
- Summary: Click on Submit

Farms (Published Applications)

- Go to Assign Desktops & Apps - VDI - New - Microsoft Azure

Add Applications to the Farms

- New Applications - Auto Scan from Farm
- General Information
 - Enter Location: (Both should be auto selected)
 - Select Pod: (Both should be auto selected)
 - Select Farm: If you have multiple select from the drop down
- Applications
 - Place your shortcut into %ProgramData%\Microsoft\Windows\Start Menu\Programs
 - Select all the applications you want to publish from the farm
- Attributes
 - Give the applications a Display Name
 - Optional Parameters and Start Folder
- Summary: Click on Submit

Desktops

- General Information
 - Desktop Type - Dedicated
 - Assignment Name Enter
 - Friendly name to identify Desktop Pool assignments
 - Select Scope: Restrict to One Site (As this is dedicated)
 - Connection Affinity
 - Select Pod
- Select VM Model
 - Tag = VMware recommended
 - Appropriate Size CPU/Mem based on the user/SKU requirements
 - Disk Type - SSD
 - Disk Size - 128 GB
 - OS System - Windows 10 21H2 Enterprise
 - Domain - Select from drop down
 - Encrypted Disk - Disable
 - NSX Cloud Managed - Disable
 - Multi-pod - Disabled
- VM Name Prefix: Whatever you enter it will automatically append numbering towards the end
- Protocol - Blast
- Preferred Client - Horizon Client
- Computer OU: path where the computer object will live
- run once script (Optional)
- Log-off disconnected Sessions: Set post 4 hours or More
- Advanced
 - Session Time out interval
 - Max Session lifetime: Enter the Timeout settings
 - Session Timeout interval
 - Power Mgmt.: Optimized for performance
- Capacity
 - Shrink Min VM: Subtopic 5
 - Max VM: Power Management (Repeat the steps on multiple Pods)
 - Quiescing VMs
 - Optional Specify Subnet
- Users: Select the AD group to which the Desktop will be assigned
- Summary: Click on Submit

Desktops

- General Information
 - Desktop Type - Floating
 - Assignment Name Enter
 - Friendly name to identify Desktop Pool assignments
 - Select Scope: Any Site (As this is floating)
 - Connection Affinity
 - Select Pod
- Select VM Model
 - Tag = VMware recommended
 - Appropriate Size CPU/Mem based on the user/SKU requirements
 - Disk Type - SSD
 - Disk Size - 128 GB
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