

# ACCOPS GPU-VDI ASSIGNMENT

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## EMMERSON VDI ASSIGNMENT GUIDE

Please login to Vcenter: <https://10.129.168.112> with below credentials.

Username:

[administrator@vsphere.local](mailto:administrator@vsphere.local)

Password: Demo@1234

Virtual machine	Status	Used space	Guest OS	Host name	Host CPU	Host memory
ACCOPS HYWORKS	✓ Nor...	61.62 GB	Microsoft Windows Se...	INEICP-VDIDEMO.e...	397 MHz	15.08 GB
GOLD-WIN10-BASIC	✓ Nor...	100 GB	Microsoft Windows 10...	Unknown	0 MHz	0 MB
GOLD-WIN7-BASIC	✓ Nor...	100 GB	Microsoft Windows 7 (...)	Unknown	0 MHz	0 MB
NVIDIA license server	✓ Nor...	24.55 GB	Microsoft Windows 10...	Unknown	120 MHz	8.05 GB
VMware vCenter Server Appliance	✓ Nor...	30.11 GB	Other 3.x or later Linu...	photon-machine	236 MHz	10.06 GB
WIN10-CLIENT-1	✓ Nor...	33.04 GB	Microsoft Windows 10...	INEICP-VDIW10-2 em...	377 MHz	16.19 GB
WIN7-CLIENT-1	✓ Nor...	22.81 GB	Microsoft Windows 7 (...)	INEICP-VDIW7-1.emr...	305 MHz	8.16 GB

Please Install application as suggested by Bhushan Sir in below virtual machine.

### 1: GOLD-WIN10-BASIC

Username:

.\admin

password: demo@123

For Windows 10 below Setup need to be install on "WIN-10-BASIC"

A: Graphics Driver: "[\\10.129.168.113\nvidia\NVIDIA-GRID-vSphere-6.5-390.72-390.75-391.81\391.81\\_grid\\_win10\\_server2016\\_64bit\\_international.exe](https://10.129.168.113\nvidia\NVIDIA-GRID-vSphere-6.5-390.72-390.75-391.81\391.81_grid_win10_server2016_64bit_international.exe)"

B: Accops DVM Tool: "[\\10.129.168.113\nvidia\HyWorksDVMTools.exe](https://10.129.168.113\nvidia\HyWorksDVMTools.exe)"

C: All software suggested by Bhushan Sir.

### 2: GOLD-WIN7-BASIC

Username:

.\admin

password: demo@123

For Windows 7 below Setup need to be install on "WIN-7-BASIC"

A: Graphics Driver: "[\\10.129.168.113\nvidia\NVIDIA-GRID-vSphere-6.5-390.72-390.75-391.81\391.81\\_grid\\_win8\\_win7\\_server2012R2\\_server2008R2\\_64bit\\_international.exe](https://10.129.168.113\nvidia\NVIDIA-GRID-vSphere-6.5-390.72-390.75-391.81\391.81_grid_win8_win7_server2012R2_server2008R2_64bit_international.exe)"

B: Accops DVM Tool: "[\\10.129.168.113\nvidia\HyWorksDVMTools.exe](https://10.129.168.113\nvidia\HyWorksDVMTools.exe)"

C: All software suggested by Bhushan Sir.

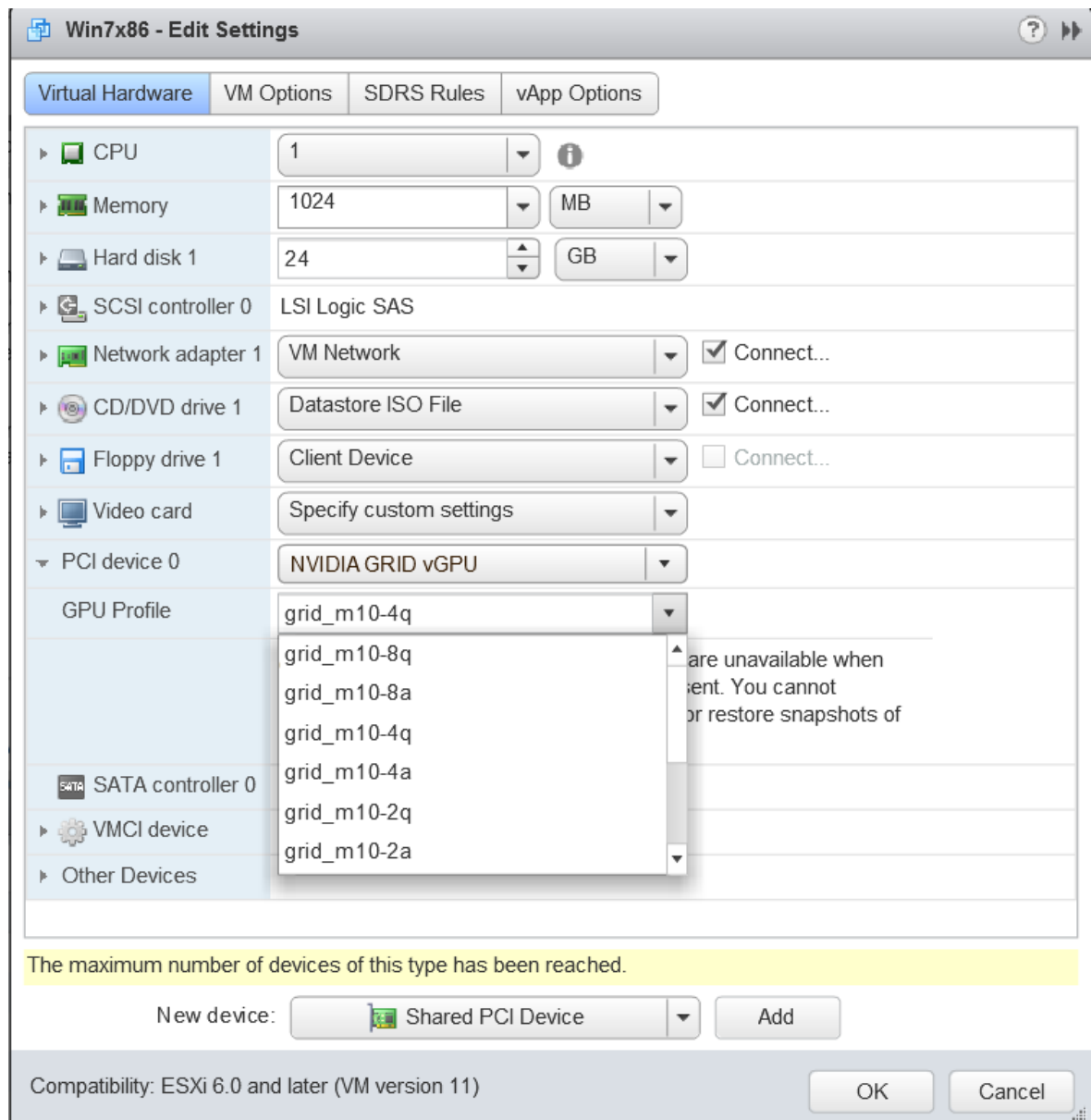
### 3: Clone WIN-7-BASIC as per VM required.

### 4: Join the VM to Domain

## 5. Configuring a vSphere VM with Virtual GPU

VM console in vSphere Web Client will become active again once the vGPU parameters are removed from the VM's configuration.

1. Open the vCenter Web UI.
2. In the vCenter Web UI, right-click the VM and choose **Edit Settings**.
3. Click the **Virtual Hardware** tab.
4. In the **New device** list, select **Shared PCI Device** and click **Add**. The **PCI device** field should be auto-populated with `NVIDIA GRID vGPU`.



5. From the **GPU Profile** drop-down menu, choose the type of vGPU you want to configure and click **OK**.

6. Ensure that VMs running vGPU have all their memory reserved:
  - a. Select **Edit virtual machine settings** from the vCenter Web UI.
  - b. Expand the **Memory** section and click **Reserve all guest memory (All locked)**.

After you have configured a vSphere VM with a vGPU, start the VM. VM console in vSphere Web Client is not supported in this vGPU release. Therefore, use VMware Horizon or VNC to access the VM's desktop.

\*\* Currently 2 VDI ( Win10 and win7) are already configured and assigned for graphic application testing.

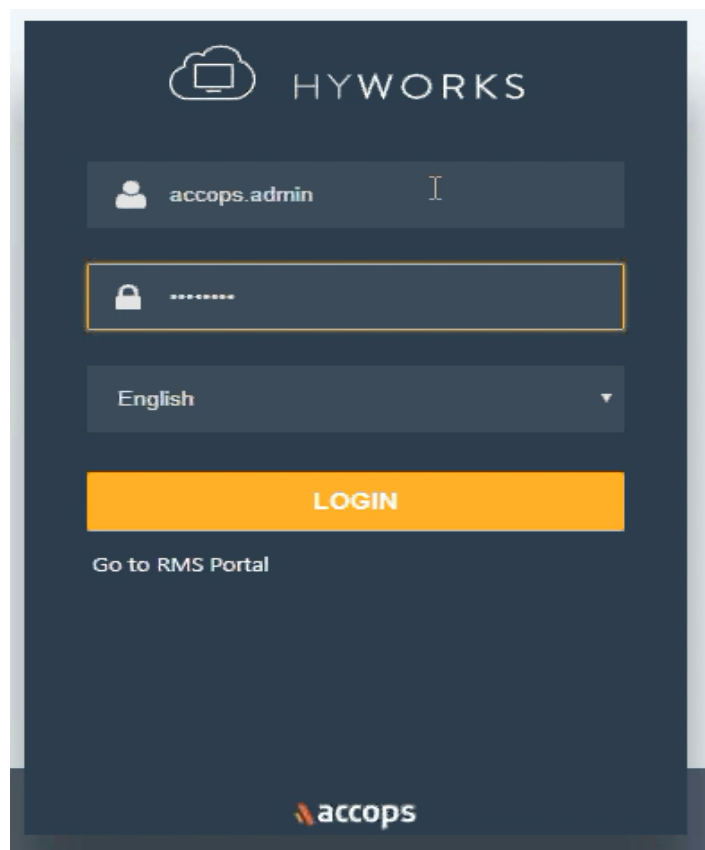
### 6: Now Assign the VDIs to Users.

Go to <https://10.129.168.113>

Login with below credentials

Username: accops.admin

Password: Demo@123



## Accops VDI End-User Guide

Please go to: Workspace >> Desktop Pools >> Select Pool >> Edit

The screenshot shows the Accops VDI management interface. On the left sidebar, the 'Workspace' menu item is highlighted with a red box, and the 'Desktop Pools' sub-item is also highlighted with a red box. In the main content area, the 'Desktop Pools' section is visible. The 'Add New Pool' button is highlighted with a red box, and the 'Edit' button (with a pencil icon) is also highlighted with a red box. Below these buttons, a table lists the available desktop pools. The first row, 'GPU-VDI', is highlighted with a red box. The table has columns for 'Pool Name and Type', 'Provider/Team Name and Type', 'Desktop Provisioning/Connection Profiles', 'Assignment Life Span/DVM Persistence', 'Desktop Ready', 'Desktops In Use', 'Free Desktops', and 'Status'.

Pool Name and Type	Provider/Team Name and Type	Desktop Provisioning/Connection Profiles	Assignment Life Span/DVM Persistence	Desktop Ready	Desktops In Use	Free Desktops	Status
GPU-VDI 3 User based	VCENT... VMWa...	None Not Av...	Personal Persist...	2	1	1	Ready

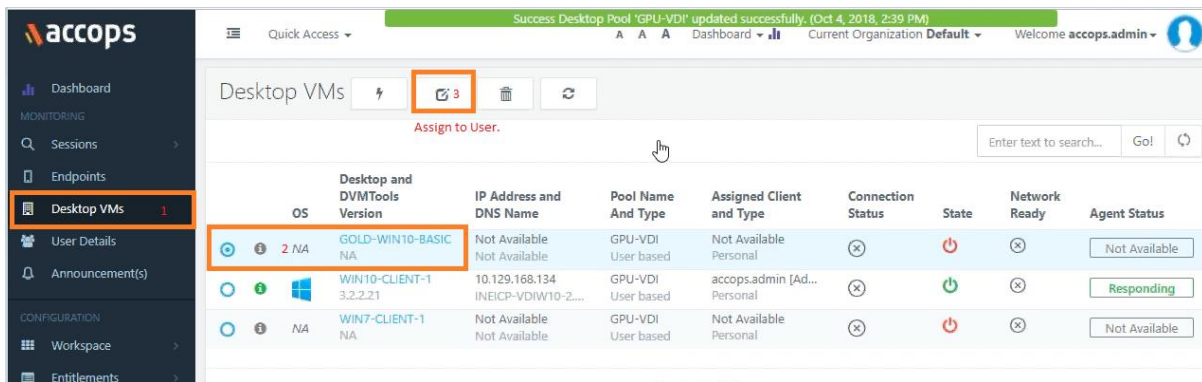
Go to Desktops tab → click on Add desktop → Search the desktop you need to add. (you can select multiple desktops)

The screenshot shows the 'Edit Desktop Pool - GPU-VDI' dialog box. The 'Desktops' tab is selected and highlighted with a red box. In the 'Desktops' tab, the 'Add Desktops' button is highlighted with a red box. Below the button, there is a search bar and a list of desktops to be added. The list includes 'WIN10-CLIENT-1' and 'WIN7-CLIENT-1'.

The screenshot shows the 'Available Desktops' dialog box. It has a search bar and a list of desktops to be added. The list includes 'ACCOPS', 'Accops HySecure', 'ACCOPS HYWORKS', 'Accops Reporting Server', 'GOLD-WIN10-BASIC', 'GOLD-WIN10-GPU', 'GOLD-WIN7-BASIC', and 'VMware vCenter Server Appliance'. The 'GOLD-WIN7-BASIC' item is highlighted with a red box. At the bottom of the dialog, there is an 'OK' button highlighted with a red box.

Once the Desktop is added, Please Click Next >> Next ... and then Finish.

Select Desktop VMs >> Select the VDI as per the User >> then Select Assign the VDI.

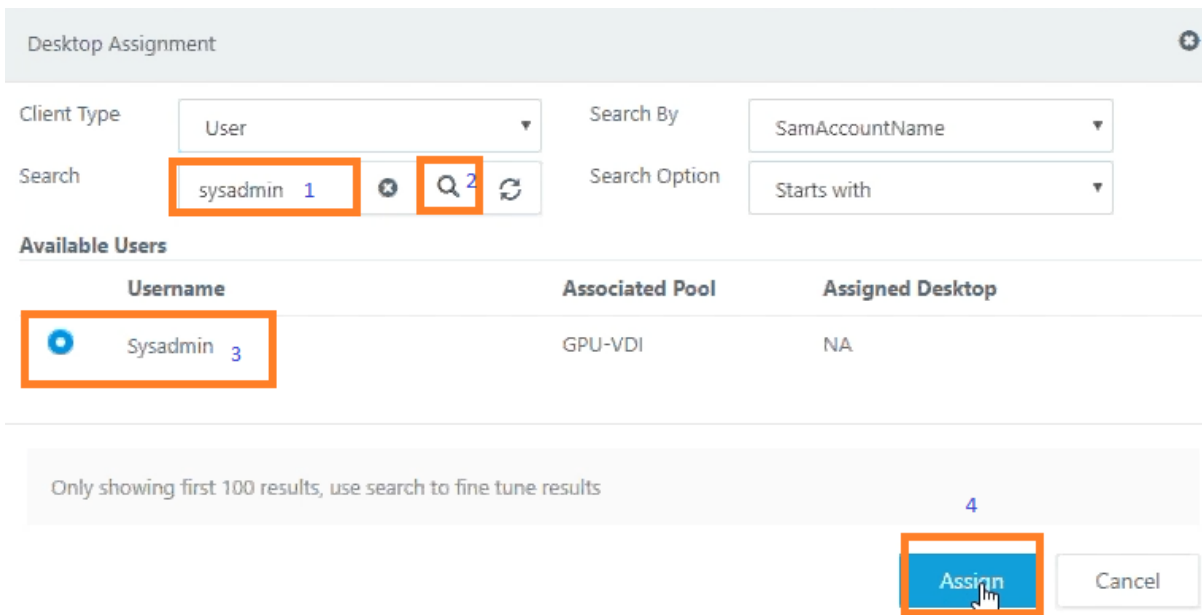


Desktop VMs

Assign to User.

OS	Desktop and DVMTools Version	IP Address and DNS Name	Pool Name And Type	Assigned Client and Type	Connection Status	State	Network Ready	Agent Status
2 NA	GOLD-WIN10-BASIC NA	Not Available Not Available	GPU-VDI User based	Not Available Personal	⊗	🔴	⊗	Not Available
WIN10-CLIENT-1 3.2.2.21	10.129.168.134 INEIP-VDI/W10-2...	GPU-VDI User based	accops.admin [Ad... Personal	⊗	🟢	⊗	Responding	
WIN7-CLIENT-1 NA	Not Available Not Available	GPU-VDI User based	Not Available Personal	⊗	🔴	⊗	Not Available	

On next screen Search For user >>Select User >> then Click on Assign.



Desktop Assignment

Client Type: User

Search By: SamAccountName

Search: sysadmin 1

Search Option: Starts with

Available Users

Username	Associated Pool	Assigned Desktop
Sysadmin 3	GPU-VDI	NA

Only showing first 100 results, use search to fine tune results

Assign

Cancel

### About Accops

Accops Systems Private Limited. under “Accops” brand is a globally leading developer and provider of Enterprise Mobility solutions involving Application and Desktop Virtualization, Secure Remote Access and Privilege Access Management solutions.

Accops’ s software and hardware products enable businesses to efficiently virtualize, secure and deliver business applications, corporate workspace and network services to their employees, partners, vendors, home users and mobile users, enabling instance access from anywhere using any device.



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