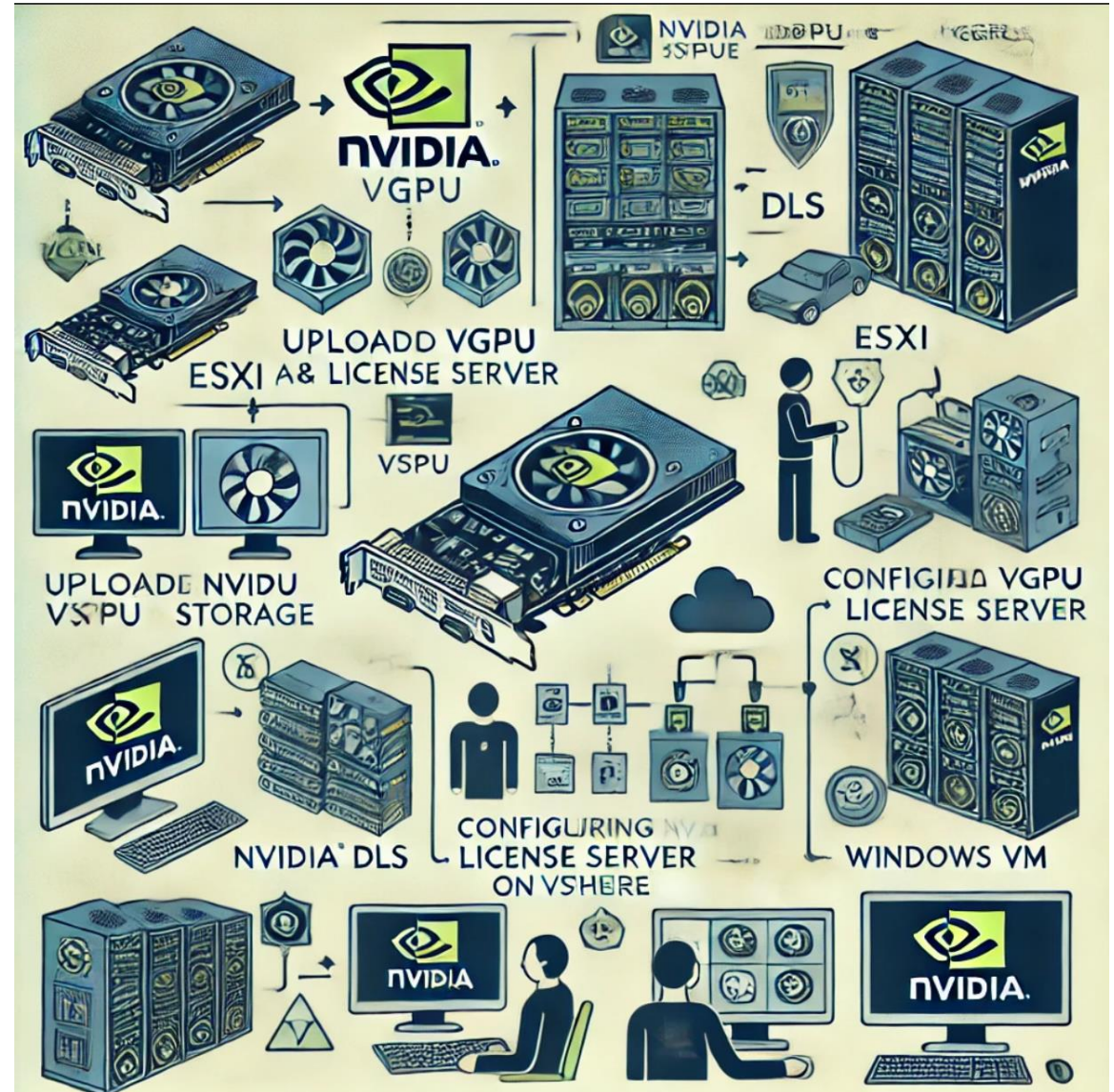


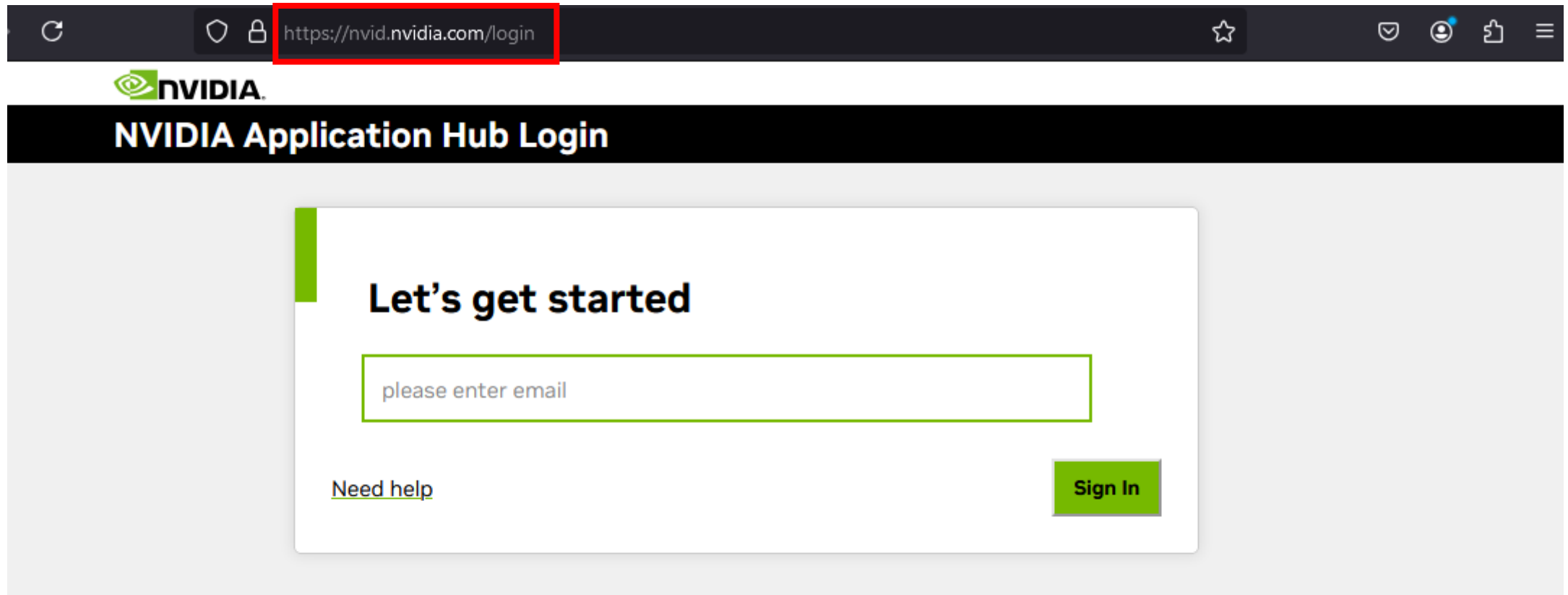
Setting Up and Configuring On-Prem Nvidia License Server (DLS) for NVIDIA AI Enterprise and Virtual GPU


A Guide Anyone Can Follow

ver. 1.0



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0	Pending install
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DLS data synchronization

Import event data from your DLS environment using the file generated through Events Export feature on the Maintenance tab of the DLS.

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- Go to Software Downloads from the left menu.
- Select Driver Downloads -> Product Family -> vGPU.
- Use the Platform filter to select VMware vSphere.
- Choose your Platform Version (e.g., VMware vSphere 8.0).
- Select your Product Version (Nvidia vGPU version) based on your GPU model. Verify compatibility using the Nvidia vGPU support matrix.
<https://docs.nvidia.com/vgpu/gpus-supported-by-vgpu.html>
- Click Download on the right side.

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DLS data synchronization

Import event data from your DLS environment using the file generated through Events Export feature on the Maintenance tab of the DLS.

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VMware vSphere	8.0	16.7	Complete vGPU 16.7 package for VMware vSphere 8.0 including supported guest drivers	Jul 9, 2024	Download SHA256
Linux KVM	All Supported	13.12	Complete vGPU 13.12 package for Linux KVM ALL including supported guest drivers	Jul 9, 2024	Download SHA256
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VMware vSphere	8.0	17.3	Complete vGPU 17.3 package for VMware vSphere 8.0 including supported guest drivers	Jul 9, 2024	Download SHA256
Citrix Hypervisor	8.2	17.3	Complete vGPU 17.3 package for Citrix Hypervisor 8.2 including supported guest drivers	Jul 9, 2024	Download SHA256
Citrix XenServer	8	17.3	Complete vGPU 17.3 package for Citrix XenServer 8 including supported guest drivers	Jul 9, 2024	Download SHA256
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VMware vSphere	8.0	17.3	Complete vGPU 17.3 package for VMware vSphere 8.0 including supported guest drivers	Jul 9, 2024
Citrix Hypervisor	8.2	17.3	Complete vGPU 17.3 package for Citrix Hypervisor 8.2 including supported guest drivers	Jul 9, 2024
Citrix XenServer	8	17.3	Complete vGPU 17.3 package for Citrix XenServer 8 including supported guest drivers	Jul 9, 2024
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VMware vSphere	8.0	16.7	Complete vGPU 16.7 package for VMware vSphere 8.0 including supported guest drivers	Jul 9, 2024	Download SHA256
VMware vSphere	7.0	16.7	Complete vGPU 16.7 package for VMware vSphere 7.0 including supported guest drivers	Jul 9, 2024	Download SHA256
Red Hat Enterprise Linux KVM	9.4	16.7	Complete vGPU 16.7 package for RHEL 9.4 including supported guest drivers	Jul 9, 2024	Download SHA256
Red Hat Enterprise Linux KVM	9.2	16.7	Complete vGPU 16.7 package for RHEL 9.2 including supported guest drivers	Jul 9, 2024	Download SHA256
Red Hat Enterprise Linux KVM	8.10	16.7	Complete vGPU 16.7 package for RHEL 8.10 including supported guest drivers	Jul 9, 2024	Download SHA256
Linux KVM	All Supported	16.7	Complete vGPU 16.7 package for Linux KVM ALL including supported guest drivers	Jul 9, 2024	Download SHA256

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Select...

- Citrix Hypervisor
- Nutanix AHV
- Red Hat Enterprise Linux KVM
- Huawei UVP
- Citrix XenServer
- Microsoft Azure Stack HCI
- XenServer
- Ubuntu KVM
- NVIDIA Control Panel
- VMware vSphere**
- Linux KVM

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Platform Version

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VMware vSphere			Complete vGPU 17.3 package for VMware vSphere 7.0 including supported guest drivers	Jul 9, 2024	Download SHA256
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VMware vSphere	8.0	16.7	Complete vGPU 16.7 package for VMware vSphere 8.0 including supported guest drivers	Jul 9, 2024	Download SHA256
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VMware vSphere	8.0	17.2	Complete vGPU 17.2 package for VMware vSphere 8.0 including supported guest drivers	Jun 4, 2024	Download SHA256
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Platform

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- VMware vSphere**
- Container
- Linux KVM
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- DLS 2.0.1 Container
- vGPU Driver Catalog
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 - esx-2.hor
 - esx-3.hor
 - vAndu
 - AI test 4
 - CA.test.la
 - DC-1.test.
 - DC-2.test
 - DC1
 - DC2
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- Actions - esx-3.home.lab
 - New Virtual Machine...
 - Deploy OVF Template...
 - New Resource Pool...
 - New vApp...
 - Import VMs
 - Maintenance Mode
 - Connection
 - Power
 - Certificates
 - Storage
 - Add Networking...
 - Host Profiles
 - Export System Logs...
 - Reconfigure for vSphere HA
 - Assign License...
 - Settings
 - Move To...
 - Tags & Custom Attributes

Hypervisor: VMware ESXi, 8.0.3, 24022510
Model: Super Server
Processor Type:
Logical Processors: 56
NICs: 3

- Enter Maintenance Mode
- Exit Maintenance Mode
- Exit Partial Maintenance Mode

Capacity and Usage

Last updated at 6:00 AM

CPU 50.1 GHz free
0.3 GHz used 50.4 GHz capacity

Memory 504.81 GB free
5.85 GB used 510.66 GB capacity

Storage 28.94 TB free
206.37 GB used 29.14 TB capacity

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Recent Tasks

Task Name	Status	Details	Initiator	Queued For	Start Time
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ESXi Host Client™

User name



Password

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- Storage 8**
- Networking 14

esx-3 - Storage

Datstores Adapters Devices Persistent Memory

+ New datastore + Increase capacity Register a VM Datastore browser Refresh Actions

Name	Drive Type	Capacity	Provisioned	Free	Type
ESX-3 WD BLACK SN850 NVMe SSD 1TB	SSD	931.25 GB	1.42 GB	929.83 GB	VMFS6
ESX-3 4TB SSD	SSD	3.64 TB	2.36 GB	3.64 TB	VMFS6
ESX-3 INTEL SSDPEXNV153T8D 15TB	SSD	13.97 TB	72.19 GB	13.9 TB	VMFS6
ESX-3 KINGSTON_SNVS2000G 2TB	SSD	1.82 TB	1.44 GB	1.82 TB	VMFS6
ESX-3 Samsung SSD 860 EVO 500GB	SSD	465.5 GB	1.42 GB	464.08 GB	VMFS6
ESX-3 Samsung SSD 970 EVO Plus 1TB	SSD	931.25 GB	1.42 GB	929.83 GB	VMFS6
ESX-3 Samsung SSD 970 EVO Plus 500GB	SSD	465.5 GB	1.42 GB	464.08 GB	VMFS6
ESX3- KIOXIA	SSD	6.99 TB	124.69 GB	6.86 TB	VMFS6

Navigator

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- Storage 8
 - ESX-3 4TB SSD
 - Monitor
 - More storage...
- Networking 14

ESX-3 4TB SSD

Register a VM | **Datastore browser** | Increase capacity | Refresh | Actions



ESX-3 4TB SSD

Type: VMFS6
Location: /vmfs/volumes/606c0e55-cf4904c4-3079-3cecef0c8198
UUID: 606c0e55-cf4904c4-3079-3cecef0c8198
Hosts: 1
Virtual Machines: 0

VMFS details

Version	6.82
Local	Yes
Block size	1 MB
UUID	606c0e55-cf4904c4-3079-3cecef0c8198
Extent 0	t10.ATA_____Samsung_SSD_870_QVO_4TB_____S5STNG0NC020 01J_____, partition 3

Datastore browser

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- Upload
- Download
- Delete
- Move
- Copy
- Create directory**
- Refresh

- ESX-3 WD BLACK...
- ESX-3 4TB SSD**
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- ESX-3 KINGSTON...
- ESX-3 Samsung S...
- ESX-3 Samsung S...
- ESX-3 Samsung S...
- ESX3- KIOXIA

- .dvsData
- .sdd.sf
- .vSphere-HA
- vCLS-f318ca04-8...

[ESX-3 4TB SSD]

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CLOSE

Datstore browser

- Upload
- Download
- Delete
- Move
- Copy
- Create directory
- Refresh

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 - ESX-3 INTEL SSD...
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 - ESX-3 Samsung S...
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 - ESX-3 Samsung S...
 - ESX3- KIOXIA
- dvsData
 - .sdd.sf
 - vSphere-HA
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New directory

Directory name

This directory will be created in [ESX-3 4TB SSD]/

[ESX-3 4TB SSD]

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ESX-3 4TB SSD

Register a VM | Datastore browser | Increase capacity | Refresh | Actions

STORAGE: FREE 3...
USED: 2.36 GB
CAPACITY: 3...

Type: VMFS6
Location: /vmfs/volumes/606c0e55-cf4904c4-3079-3cecef0c8198
UUID: 606c0e55-cf4904c4-3079-3cecef0c8198
Hosts: 1

Datastore browser

Upload | Download | Delete | Move | Copy | Create directory | Refresh

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ESX-3 4TB SSD
Register a VM | Datastore browser | Increase capacity | Refresh | Actions

STORAGE
FREE: 3.64 TB
0%
USED: 2.36 GB
CAPACITY: 3.64 TB

ESX-3 4TB SSD
Type: VMFS6
Location: /vmfs/volumes/606c0e55-cf4904c4-3079-3cecef0c8198
UUID: 606c0e55-cf4904c4-3079-3cecef0c8198
Hosts: 1

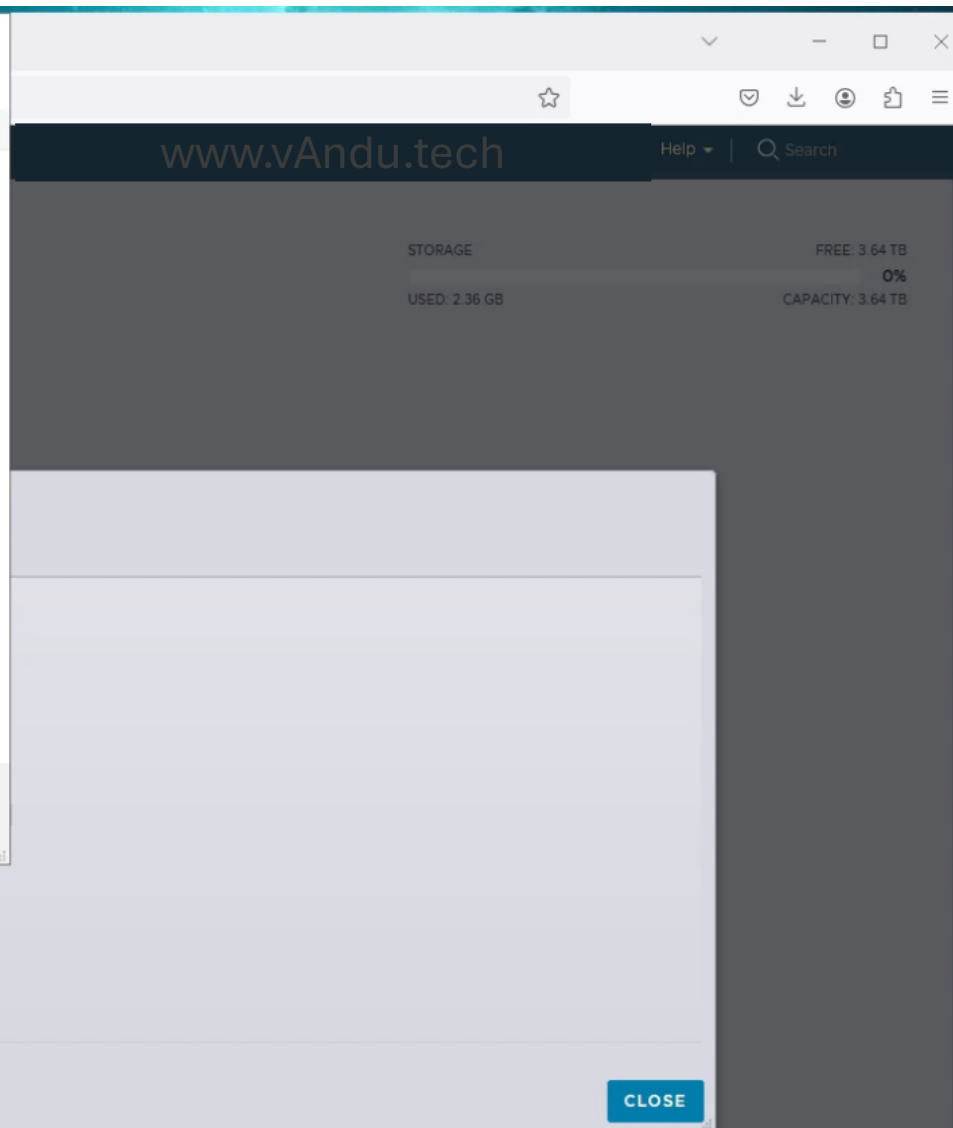
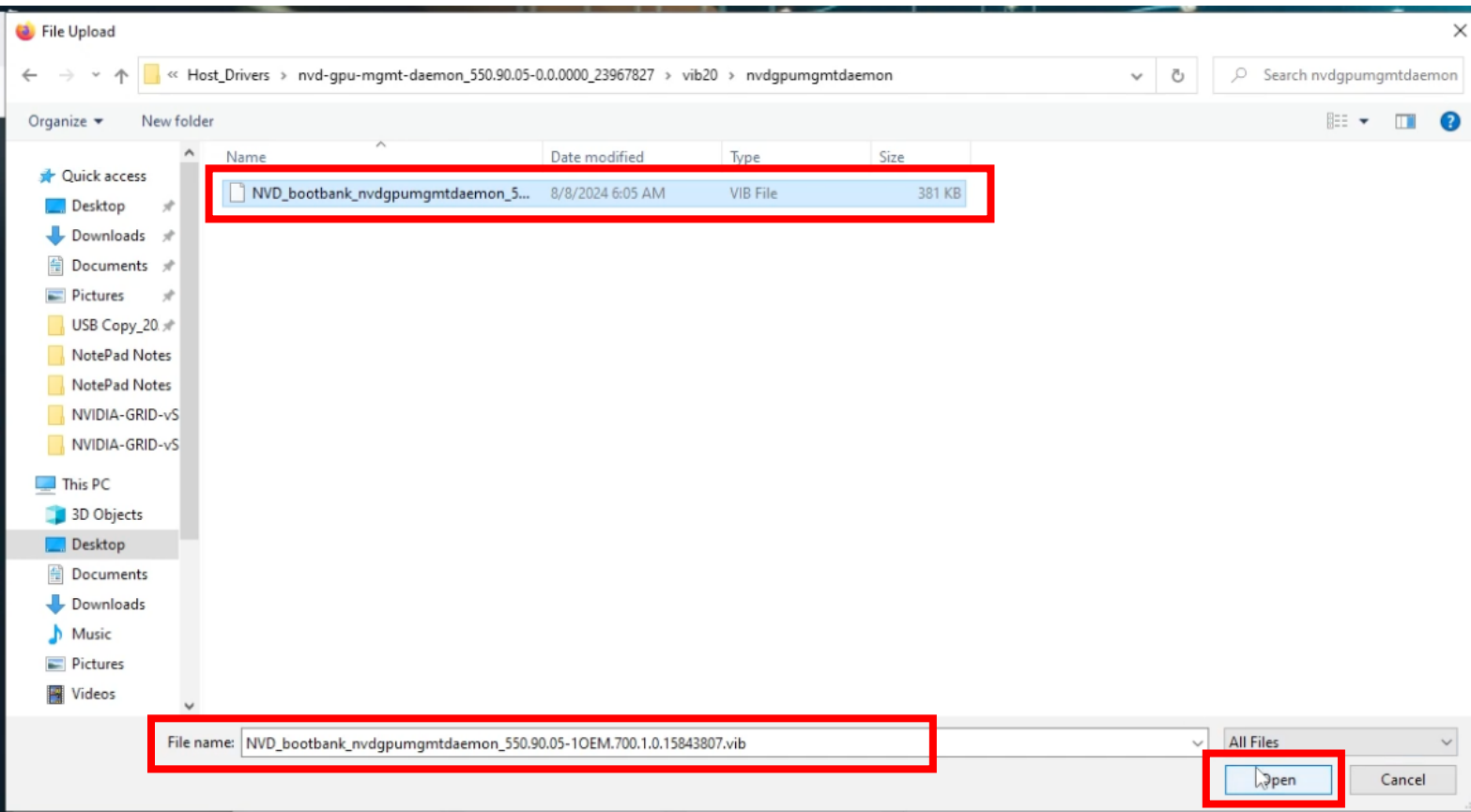
Datastore browser

Upload | Download | Delete | Move | Copy | Create directory | Refresh

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- Networking

ESX-3 4TB SSD

Register a VM | Datastore browser | Increase capacity | Refresh | Actions

Type: VMFS6
Location: /vmfs/volumes/606c0e55-cf4904c4-3079-3cecef0c8198
UUID: 606c0e55-cf4904c4-3079-3cecef0c8198
Hosts: 1

STORAGE

FREE: 3.64 TB
USED: 2.36 GB
CAPACITY: 3.64 TB

Datastore browser

Upload | Download | Delete | Move | Copy | Create directory | Refresh

- ESX-3 WD BLACK...
- ESX-3 4TB SSD
- ESX-3 INTEL SSD...
- ESX-3 KINGSTON...
- ESX-3 Samsung S...
- ESX-3 Samsung S...
- ESX-3 Samsung S...
- ESX-3 KIOXIA

- .dvsData
- .sdd.sf
- .vSphere-HA
- vCLS-f318ca04-8...
- vGPU

NVD_bootbank_nvdpungmtdaemon_550.90.05-10EM.700.1.0.15843807.vib

[ESX-3 4TB SSD] vGPU/

CLOSE

File Upload

Host_Drivers > NVD-VGPU-800_550.90.05 > vib20 > NVD-VMware_ESXi_8.0.0_Driver

Organize New folder

Name	Date modified	Type	Size
NVD_bootbank_NVD-VMware_ESXi_8.0.0...	8/8/2024 6:07 AM	VIB File	101,160 KB

File name: NVD_bootbank_NVD-VMware_ESXi_8.0.0_Driver_550.90.05-10EM.800.1.0.20613240.vib

All Files

Open Cancel

www.vAndu.tech

Help Search

STORAGE

FREE: 3.64 TB

USED: 2.36 GB

CAPACITY: 3.64 TB

0%

[ESX-3 4TB SSD] vGPU/

CLOSE

vm ESXi Host Client www.vAndu.tech | Help | Search

Navigator << ESX-3 4TB SSD

Host Manage Monitor

Virtual Machines 0

Storage 8

ESX-3 4TB SSD Monitor

More storage...

Networking

Register a VM | Dastore browser | Increase capacity | Refresh | Actions

STORAGE FREE: 3.64 TB
USED: 2.36 GB CAPACITY: 3.64 TB

ESX-3 4TB SSD

Type: VMFS6
Location: /vmfs/volumes/606c0e55-cf4904c4-3079-3cecef0c8198
UUID: 606c0e55-cf4904c4-3079-3cecef0c8198
Hosts: 1

Datastore browser

Upload | Download | Delete | Move | Copy | Create directory | Refresh

ESX-3 WD BLACK...	.dvsData	NVD_bootbank_...	
ESX-3 4TB SSD	.sdd.sf	NVD_bootbank_...	NVD_bootbank_NVD-Driver_550.90.05-1OEM. 98.79 MB Thursday, August 08, 2024, 06:06:41 -0700
ESX-3 INTEL SSD...	vSphere-HA		
ESX-3 KINGSTON...	vCLS-f318ca04-8...		
ESX-3 Samsung S...	vGPU		
ESX-3 Samsung S...			
ESX-3 Samsung S...			
ESX3- KIOXIA			

[ESX-3 4TB SSD] vGPU/NVD bootbank NVD-VMware ESXi 8.0.0 Driver_550.90.05-1OEM.800.1.0.20613240.vib

CLOSE

ESXi Host Client

www.vAndu.tech

ESX-3 4TB SSD

Register a VM | Datastore browser | Increase capacity | Refresh | Actions

STORAGE: FREE: 3.64 TB, USED: 2.36 GB, CAPACITY: 3.64 TB

ESX-3 4TB SSD

Type: VMFS6
Location: /vmfs/volumes/606c0e55-cf4904c4-3079-3cecef0c8198
UUID: 606c0e55-cf4904c4-3079-3cecef0c8198
Hosts: 1

Datastore browser

Upload | Download | Delete | Move | Copy | Create directory | Refresh

ESX-3 WD BLACK...
ESX-3 4TB SSD
ESX-3 INTEL SSD...
ESX-3 KINGSTON...
ESX-3 Samsung S...
ESX-3 Samsung S...
ESX-3 Samsung S...
ESX-3 KIOXIA

dvsData
sdd.sf
vSphere-HA
vCLS-f318ca04-8...
vGPU

NVD_bootbank_...
NVD_bootbank_...
NVD_bootbank_NVD...
_Driver_550.90.05-10EM.
98.79 MB
Thursday, August 08, 2024,
06:06:41-0700

[ESX-3 4TB S] vGPU/NVD_bootbank_NVD-VMware_ESXi_8.0.0_Driver_550.90.05-10EM.800.1.0.20613240.vib

Recent tasks

Task	Target	Initiator	Queued	Started	Result	Completed
Upload file to datastore	ESX-3 4TB SSD	root	08/08/2024 06:08:10	08/08/2024 06:08:10	Completed successfully	08/08/2024 06:08:13
Find By Inventory Path	None	root	08/08/2024 06:06:38	08/08/2024 06:06:38	Completed successfully	08/08/2024 06:06:38
Upload file to datastore	ESX-3 4TB SSD	root	08/08/2024 06:05:51	08/08/2024 06:05:51	Completed successfully	08/08/2024 06:05:51
	None	root	08/08/2024 06:04:19	08/08/2024 06:04:19	Completed successfully	08/08/2024 06:04:19
	None	root	08/08/2024 06:03:32	08/08/2024 06:03:32	Completed successfully	08/08/2024 06:03:32

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*Untitled - Notepad

File Edit Format View Help

vGPU/NVD_bootbank_NVD-VMware_ESXi_8.0.0_Driver_550.90.05-10EM.800.1.0.20613240.vib

Ln 1, Col 84 | 100% | Windows (CRLF) | UTF-8

Navigator

- Host
 - Manage
 - Monitor
- Virtual Machines 0
- Storage 8
 - ESX-3 4TB SSD
 - Monitor
 - More storage...
- Networking

ESX-3 4TB SSD

Register a VM | Datastore browser | Increase capacity | Refresh | Actions

STORAGE FREE: 3.64 TB
0%
USED: 2.36 GB CAPACITY: 3.64 TB

Type: VMFS6
Location: /vmfs/volumes/606c0e55-cf4904c4-3079-3cecef0c8198
UUID: 606c0e55-cf4904c4-3079-3cecef0c8198
Hosts: 1

Datastore browser

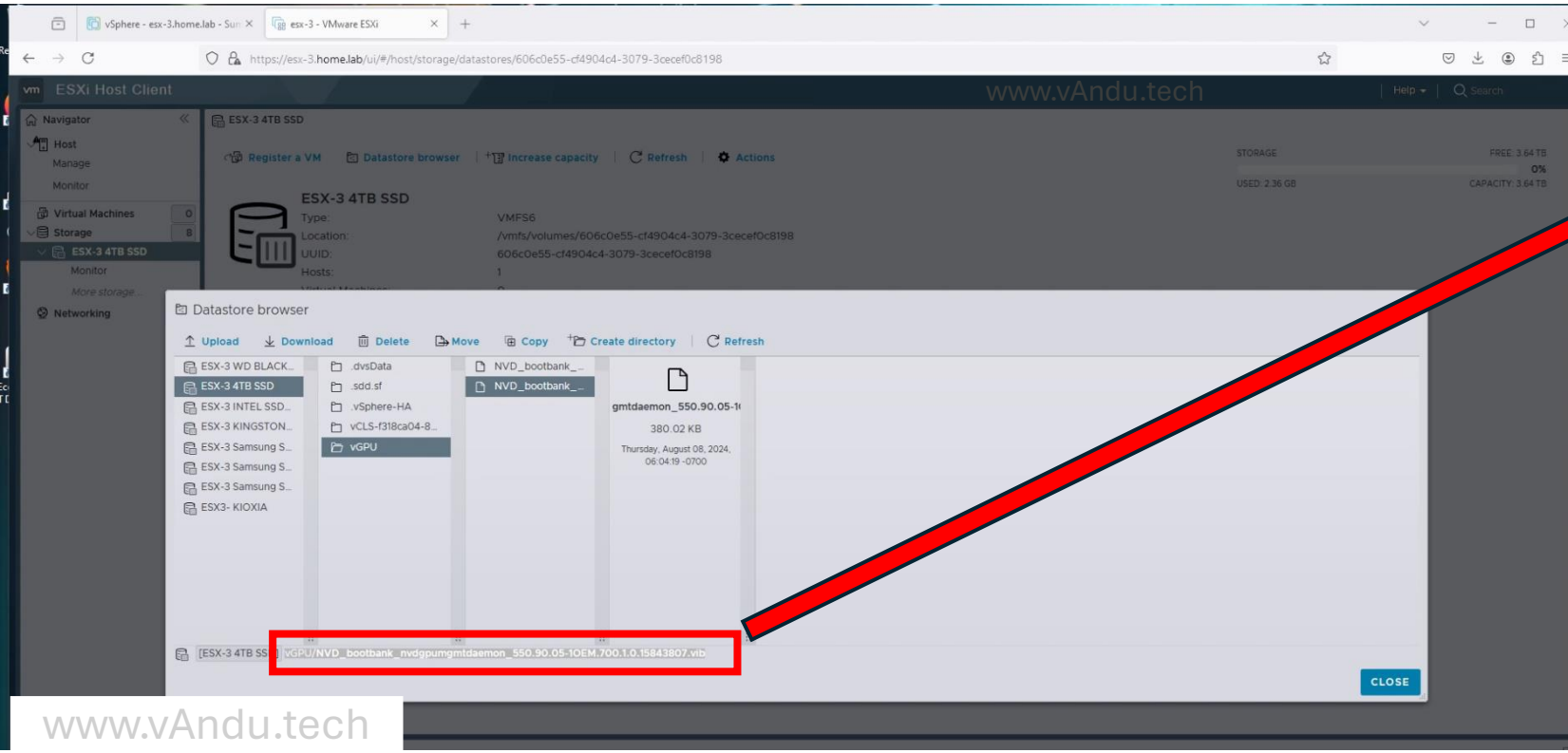
Upload | Download | Delete | Move | Copy | Create directory | Refresh

ESX-3 WD BLACK...	.dvsData	NVD_bootbank	
ESX-3 4TB SSD	.sdd.sf	NVD_bootbank_...	gmtdaemon_550.90.05-10
ESX-3 INTEL SSD...	.vSphere-HA		380.02 KB
ESX-3 KINGSTON...	vCLS-f318ca04-8...		Thursday, August 08, 2024, 06:04:19 -0700
ESX-3 Samsung S...	vGPU		
ESX-3 Samsung S...			
ESX-3 Samsung S...			
ESX3- KIOXIA			

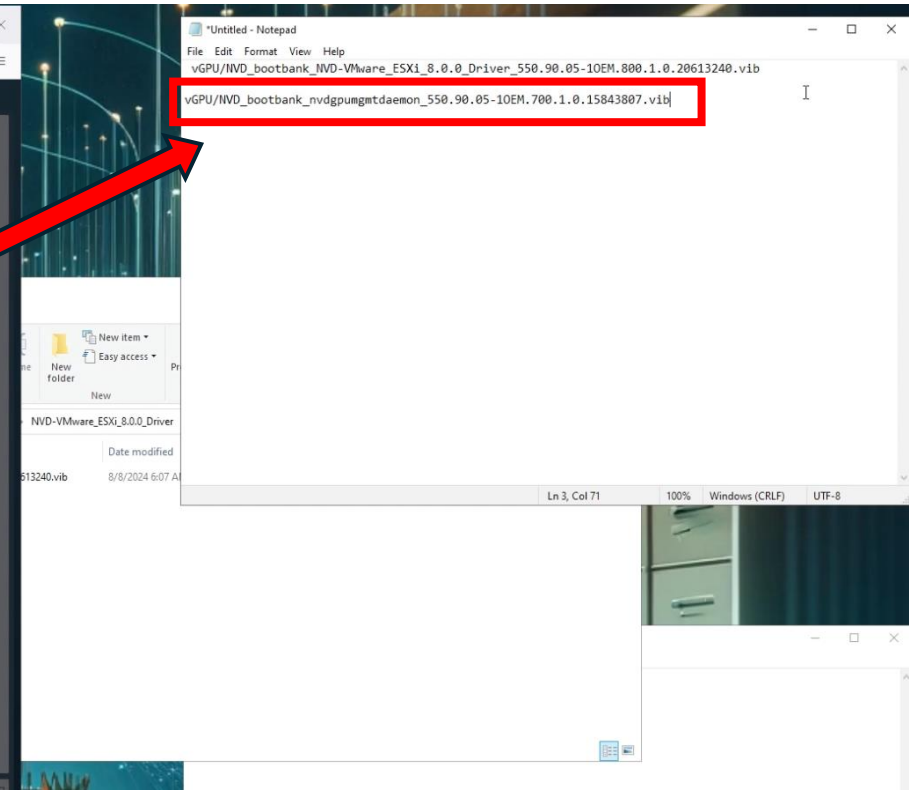
[ESX-3 4TB SSD] vGPU/NVD_bootbank_nvdpumpgmtdaemon_550.90.05-10EM.700.1.0.15843807.vib

CLOSE

ESXi Host Client interface showing storage details for ESX-3 4TB SSD. The datastore browser displays a file named `vGPU/NVD_bootbank_nvdpungmtdaemon_550.90.05-10EM.700.1.0.15843807.vib` with a size of 380.02 KB, last modified on Thursday, August 08, 2024, at 06:04:19 -0700. A red box highlights the file name in the browser, and a red arrow points from it to the Notepad window on the right.



Notepad window showing the file path: `vGPU/NVD_bootbank_nvdpungmtdaemon_550.90.05-10EM.700.1.0.15843807.vib`. The text is highlighted with a red box, matching the file name in the ESXi interface.



ESXi Host Client

www.vAndu.tech

ESX-3 4TB SSD

Register a VM | Datastore browser | Increase capacity | Refresh | Actions

STORAGE: FREE: 3.64 TB, USED: 2.36 GB, CAPACITY: 3.64 TB

ESX-3 4TB SSD

Type: VMFS6
Location: /vmfs/volumes/606c0e55-cf4904c4-3079-3cecef0c8198
UUID: 606c0e55-cf4904c4-3079-3cecef0c8198
Hosts: 1

Datastore browser

Upload | Download | Delete | Move | Copy | Create directory | Refresh

ESX-3 WD BLACK...	divsData	NVD_bootbank_...	
ESX-3 4TB SSD	sdd.sf		
ESX-3 INTEL SSD...	vSphere-HA		gmtdaemon_550.90.05-11
ESX-3 KINGSTON...	vCLS-f318ca04-8...		380.02 KB
ESX-3 Samsung S...	vGPU		Thursday, August 08, 2024, 06:04:19 -0700
ESX-3 Samsung S...			
ESX-3 Samsung S...			
ESX-3 KIOXIA			

[ESX-3 4TB SSD] vGPU/NVD_bootbank_nvdpumgmtdaemon_550.90.05-10EM.700.1.0.15843807.vib

CLOSE

File Edit Format View Help

vGPU/NVD_bootbank_IVD-VMware_ESXi_8.0.0_Driver_550.90.05-10EM.800.1.0.20613240.vib

vGPU/NVD_bootbank_nvdpumgmtdaemon_550.90.05-10EM.700.1.0.15843807.vib

New folder

NVD-VMware_ESXi_8.0.0_Driver

Date modified
8/8/2024 6:07 AM

Ln 3, Col 71 | 100% | Windows (CRLF) | UTF-8

vm ESXi Host Client <https://esx-3.home.lab/ui/#/host/storage/datastores/606c0e55-cf4904c4-3079-3cecef0c8198> www.vAndu.tech

ESX-3 4TB SSD

Register a VM | Datastore browser | Increase capacity | Refresh | Actions

STORAGE FREE: 3.64 TB
USED: 2.36 GB CAPACITY: 3.64 TB

ESX-3 4TB SSD

Type: VMFS
Location: [vmfs:/volumes/606c0e55-cf4904c4-3079-3cecef0c8198](#)
UUID:
Hosts: 1
Virtual Machines: 0

VMFS details

Version	6.82
Local	Yes
Block size	1 MB
UUID	606c0e55-cf4904c4-3079-3cecef0c8198
Extent 0	H10.ATA_____Samsung_SSD_870_QVO_4TB_____SSSTNGONC020 01J_____ partition 3

www.vAndu.tech

File Edit Format View Help

vGPU/INVD_bootbank_INVD-VMware_ESXi_8.0.0_Driver_550.90.05-10EM.800.1.0.20613240.vib

vGPU/INVD_bootbank_nvdpungmtdaemon_550.90.05-10EM.700.1.0.15843807.vib

New Item
New Folder
Easy access

NVD-VMware_ESXi_8.0.0_Driver

Date modified
513240.vib 8/8/2024 6:07 AM

Ln 3, Col 71 100% Windows (CRLF) UTF-8

*Untitled - Notepad

File Edit Format View Help

```
/vmfs/volumes/606c0e55-cf4904c4-3079-3cecef0c8198/vGPU/NVD_bootbank_NVD-  
VMware_ESXi_8.0.0_Driver_550.90.05-10EM.800.1.0.20613240.vib
```

```
/vmfs/volumes/606c0e55-cf4904c4-3079-3cecef0c8198/vGPU/NVD_bootbank_nvdpumgmdaemon_550.90.05-  
10EM.700.1.0.15843807.vib
```

- Navigator
- Host**
- Virtual Machines
- Storage
- Networking

esx-3

Manage with vCenter | Create/Register VM | Shut down | **Reboot** | Refresh | Actions

esx-3

Version: 8.0 Update 3
State: Maintenance Mode (connected to vCenter Server at
Uptime: 0.02 days

CPU FREE: 50.1 GHz
USED: 287 MHz CAPACITY: 50.4 GHz
1%

MEMORY FREE: 504.77 GB
USED: 5.89 GB CAPACITY: 510.66 GB
1%

STORAGE FREE: 28.94 TB
USED: 206.37 GB CAPACITY: 29.14 TB
1%

This host is being managed by vCenter Server. Actions may be performed automatically by vCenter Server without your knowledge. Actions

Hardware

- Manufacturer
- Model
- CPU
- Memory
- Virtual flash
- Networking
- Hostname
- IP addresses

Configuration

- Image profile
- vSphere HA state
- vMotion

System Information

- Date/time on host
- Install date
- Asset tag
- Serial number
- BIOS version
- BIOS release date



Navigator

- Host
 - Manage
 - Monitor
- Virtual Machines 0
- Storage 8
 - ESX-3 4TB SSD
 - Monitor
 - More storage...
- Networking 14

esx-3

Manage with vCenter | Create/Register VM | Shut down | Reboot | Refresh | **Actions**

esx-3

Version: 8.0 Update 3
State: Maintenance Mode (connected to vCenter Server a...
Uptime: 0.02 days

CPU FREE: 50.1 GHz
USED: 287 MHz CAPACITY: 50.4 GHz 1%

MEMORY FREE: 504.77 GB
USED: 5.89 GB CAPACITY: 510.66 GB 1%

STORAGE FREE: 28.94 TB
USED: 206.37 GB CAPACITY: 29.14 TB 1%

This host is being managed by vCenter Server. Actions may be performed automatically by vCenter Server with...

- Host
- Manage with vCenter Server
- Disconnect from vCenter Server
- Create/Register VM
- Shut down
- Reboot
- Services**
- Exit maintenance mode
- Lockdown mode
- Permissions
- Generate support bundle

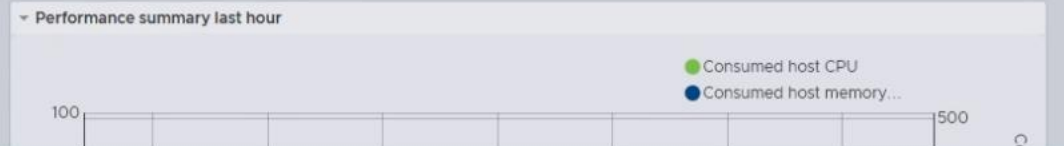
- Enable Secure Shell (SSH)**
- Enable ESXi shell

Hardware

- Manufacturer
- Model
- CPU
- Memory
- Virtual flash
- Networking
 - Hostname
 - IP addresses

System Information

- Date/time on host
- Install date
- Asset tag
- Serial number
- BIOS version
- BIOS release date



```
10.1.0.23 - PuTTY
login as: root
Keyboard-interactive authentication prompts from server:
| Password:
End of keyboard-interactive prompts from server
The time and date of this login have been sent to the system logs.

WARNING:
  All commands run on the ESXi shell are logged and may be included in
  support bundles. Do not provide passwords directly on the command line.
  Most tools can prompt for secrets or accept them from standard input.

VMware offers powerful and supported automation tools. Please
see https://developer.vmware.com for details.

The ESXi Shell can be disabled by an administrative user. See the
vSphere Security documentation for more information.
[root@esx-3:~] █
```

```
/vmfs/volumes/606c0e55-cf4904c4-3079-3cecef0c8198/vGPU/NVD_bootbank_NVD-  
VMware_ESXi_8.0.0_Driver_550.90.05-10EM.800.1.0.20613240.vib
```

```
/vmfs/volumes/606c0e55-cf4904c4-3079-3cecef0c8198/vGPU/NVD_bootbank_nvdpumgmtdaemon_550.90.05-  
10EM.700.1.0.15843807.vib
```

```
esxcli software vib install -v /vmfs/volumes/606c0e55-cf4904c4-3079-  
3cecef0c8198/vGPU/NVD_bootbank_NVD_bootbank_NVD-  
VMware_ESXi_8.0.0_Driver_550.90.05-10EM.800.1.0.20613240.vib
```

```
esxcli software vib install -v /vmfs/volumes/606c0e55-cf4904c4-3079-  
3cecef0c8198/vGPU/NVD_bootbank_nvdpumgmtdaemon_550.90.05-10EM.700.1.0.15843807.vib
```

- Undo
- Cut
- Copy**
- Paste
- Delete
- Select All
- Right to left Reading order
- Show Unicode control characters
- Insert Unicode control character >
- Open IME
- Reconversion
- Search with Bing...

Actions

CPU	FREE: 50 GHz
USED: 357 MHz	CAPACITY: 50.4 GHz
MEMORY	FREE: 504.79 GB
USED: 5.87 GB	CAPACITY: 510.66 GB
STORAGE	FREE: 28.94 TB
USED: 206.47 GB	CAPACITY: 29.14 TB

```
10.1.0.23 - PuTTY
End of keyboard-interactive prompts from server
The time and date of this login have been sent to the system logs.

WARNING:
All commands run on the ESXi shell are logged and may be included in
support bundles. Do not provide passwords directly on the command line.
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The ESXi Shell can be disabled by an administrative user. See the
vSphere Security documentation for more information.
[root@esx-3:~] esxcli software vib install -v /vmfs/volumes/606c0e55-cf4904c4-30
79-3cecef0c8198/vGPU/NVD_bootbank_NVD-VMware_ESXi_8.0.0_Driver_550.90.05-10EM.80
0.1.0.20613240.vib
Installation Result
Message: Operation finished successfully.
VIBs Installed: NVD_bootbank_NVD-VMware_ESXi_8.0.0_Driver_550.90.05-10EM.800.1.0.20613240
VIBs Removed:
VIBs Skipped:
Reboot Required: false
DPU Results:
[root@esx-3:~]
```

New item
Easy access
New
NVD-VMware_ESXi_8.0.0_Driver
Date modified
40.vib 8/8/2024 6:07 AM

```
10EM.700.1.0.15843807.vib
esxcli software vib install -v /vmfs/volumes/606c0e55-cf4904c4-3079-
3cecef0c8198/vGPU/NVD_bootbank_NVD-VMware_ESXi_8.0.0_Driver_550.90.05-10EM.800.1.0.20613240.vib
esxcli software vib install -v /vmfs/volumes/606c0e55-cf4904c4-3079-
3cecef0c8198/vGPU/NVD_bootbank_nvdpumpgmdaemon_550.90.05-10EM.700.1.0.15843807.vib
```

```
*Untitled - Notepad
File Edit Format View Help
esxcli software vib list | grep nvd
```

Actions

CPU	FREE: 50 GHz
USED: 357 MHz	CAPACITY: 50.4 GHz
MEMORY	FREE: 504.79 GB
USED: 5.87 GB	CAPACITY: 510.66 GB
STORAGE	FREE: 28.94 TB
USED: 206.47 GB	CAPACITY: 29.14 TB

```
10.1.0.23 - PuTTY
End of keyboard-interactive prompts from server
The time and date of this login have been sent to the system logs.

WARNING:
All commands run on the ESXi shell are logged and may be included in
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see https://developer.vmware.com for details.

The ESXi Shell can be disabled by an administrative user. See the
vSphere Security documentation for more information.
[root@esx-3:~] esxcli software vib install -v /vmfs/volumes/606c0e55-cf4904c4-3079-79-3cecef0c8198/vGPU/NVD_bootbank_NVD-VMware_ESXi_8.0.0_Driver_550.90.05-10EM.800.1.0.20613240.vib
Installation Result
Message: Operation finished successfully.
VIBs Installed: NVD_bootbank_NVD-VMware_ESXi_8.0.0_Driver_550.90.05-10EM.800.1.0.20613240
VIBs Removed:
VIBs Skipped:
Reboot Required: false
DPU Results:
[root@esx-3:~] █
```

```
/vmfs/volumes/606c0e55-cf4904c4-3079-3cecef0c8198/vGPU/NVD_bootbank_nvdpungmtdaemon_550.90.05-10EM.700.1.0.15843807.vib
```

```
esxcli software vib install -v /vmfs/volumes/606c0e55-cf4904c4-3079-3cecef0c8198/vGPU/NVD_bootbank_NVD-VMware_ESXi_8.0.0_Driver_550.90.05-10EM.800.1.0.20613240.vib
```

```
esxcli software vib install -v /vmfs/volumes/606c0e55-cf4904c4-3079-3cecef0c8198/vGPU/NVD_bootbank_nvdpungmtdaemon_550.90.05-10EM.700.1.0.15843807.vib
```

- Undo
- Cut
- Copy**
- Paste
- Delete
- Select All
- Right to left Reading order
- Show Unicode control characters
- Insert Unicode control character >
- Open IME
- Reconversion
- Search with Bing...

Name	Date modified
D-VMware_ESXi_8.0.0_Driver_550.90.05-10EM.800.1.0.20613240.vib	8/8/2024 6:07 AM

```
*Untitled - Notepad
File Edit Format View Help
esxcli software vib list | grep nvd
```


CPU	FREE: 50 GHz
USED: 357 MHz	CAPACITY: 50.4 GHz
MEMORY	FREE: 504.79 GB
USED: 5.87 GB	CAPACITY: 510.66 GB
STORAGE	FREE: 28.94 TB
USED: 206.47 GB	CAPACITY: 29.14 TB

10.1.0.23 - PuTTY

see <https://developer.vmware.com> for details.

The ESXi Shell can be disabled by an administrative user. See the vSphere Security documentation for more information.

```
[root@esx-3:~] esxcli software vib install -v /vmfs/volumes/606c0e55-cf4904c4-3079-3cecef0c8198/vGPU/NVD_bootbank_NVD-VMware_ESXi_8.0.0_Driver_550.90.05-10EM.800.1.0.20613240.vib
```

Installation Result

```
Message: Operation finished successfully.
VIBs Installed: NVD_bootbank_NVD-VMware_ESXi_8.0.0_Driver_550.90.05-10EM.800.1.0.20613240
VIBs Removed:
VIBs Skipped:
Reboot Required: false
DPU Results:
```

```
[root@esx-3:~] esxcli software vib install -v /vmfs/volumes/606c0e55-cf4904c4-3079-3cecef0c8198/vGPU/NVD_bootbank_nvdpumpmtdaemon_550.90.05-10EM.700.1.0.15843807.vib
```

Installation Result

```
Message: The update completed successfully, but the system needs to be rebooted for the changes to be effective.
VIBs Installed: NVD_bootbank_nvdpumpmtdaemon_550.90.05-10EM.700.1.0.15843807
VIBs Removed:
VIBs Skipped:
Reboot Required: true
DPU Results:
```

```
[root@esx-3:~]
```

vm ESXi Host Client www.vAndu.tech | Help | Search

Navigator esx-3

Host
Manage
Monitor

Virtual Machines 0
Storage 8
ESX-3 4TB SSD
Monitor
More storage...
Networking 14

Manage with vCenter | Create/Register VM | Shut down | Reboot | Refresh

Actions

- Host
- Manage with vCenter Server
- Disconnect from vCenter Server
- Create/Register VM
- Shut down
- Reboot**
- Services
- Exit maintenance mode
- Lockdown mode
- Permissions
- Generate support bundle

esx-3
Version: 8.0 Update 3
State: Maintenance Mode (connected to vCenter Server at
Uptime: 0.02 days

CPU FREE: 50 GHz 1%
USED: 357 MHz CAPACITY: 50.4 GHz

MEMORY FREE: 504.79 GB 1%
USED: 5.87 GB CAPACITY: 510.66 GB

STORAGE FREE: 28.94 TB 1%
USED: 206.47 GB CAPACITY: 29.14 TB

SSH for the host esx-3 has been enabled

ESXi Shell for the host esx-3 has been enabled

This host is being managed by vCenter Server. Actions may be performed automatically by vCenter Server without your intervention.

The ESXi shell is enabled on this host. You should disable the shell unless it is necessary for administrative purposes.

SSH is enabled on this host. You should disable SSH unless it is necessary for administrative purposes.



- vcenter.home.lab
 - vAndu HomeLab Datacenter
 - vAndu AI Cluster
 - vAndu.Tech Cluster
 - esx-1.home.lab
 - esx-2.home.lab (Not responding)
 - esx-3.home.lab (Maintenance Mode)**
 - www.vAndu.tech
 - AI test 4 (disconnected)
 - CA.test.lab
 - DC-1.test.lab
 - DC-2.test.lab
 - DC1
 - DC2
 - DC3
 - DC4
 - www.vAndu.tech
 - www.vAndu.tech
 - ecoStruxureITDCExpert-8.1.0.292

esx-3.home.lab ACTIONS

- Summary
- Monitor
- Configure**
- Permissions
- VMs
- Datastores
- Networks
- Updates

- Advanced System Settings
- System Resource Reserva...
- Firewall
- Services
- Security Profile
- System Swap
- Packages
- Hardware
 - Overview
 - Graphics**
 - PCI Devices
 - Firmware
- Virtual Flash
 - Virtual Flash Resource Ma...
 - Virtual Flash Host Swap C...
- Alarm Definitions
- Scheduled Tasks

- GRAPHICS DEVICES
- HOST GRAPHICS**

Edit Host Graphics Settings

Default graphics type	Shared
Shared passthrough GPU assignment policy	Spread VMs across GPUs (best performance)

EDIT...

Recent Tasks Alarms

Task Name	Target	Status	Details	Initiator	Queued For	Start Time	Completion Time	Server
-----------	--------	--------	---------	-----------	------------	------------	-----------------	--------



No items found

Left sidebar navigation tree showing vcenter.home.lab, vAndu HomeLab Datacenter, vAndu AI Cluster, vAndu.Tech Cluster, esx-1.home.lab, esx-2.home.lab (Not responding), esx-3.home.lab (Maintenance Mode), www.vAndu.tech, AI test 4 (disconnected), CA.test.lab, DC-1.test.lab, DC-2.test.lab, DC1, DC2, DC3, DC4, www.vAndu.tech, www.vAndu.tech, ecoStruxureITDCExpert-8.1.0.292

Configure tab for esx-3.home.lab. Graphics settings table:

Setting	Value
Default graphics type	Shared
Shared passthrough GPU assignment policy	Spread VMs across GPUs (best performance)

Modal dialog: Edit Host Graphics Settings | esx-3.home.lab

Settings will take effect after restarting the host or "xorg" service.

Shared VMware shared virtual graphics

Shared Direct Vendor shared passthrough graphics

Shared passthrough GPU assignment policy

Spread VMs across GPUs (best performance)

Group VMs on GPU until full (GPU consolidation)

CANCEL OK



[root@esx-1:~] **nvidia-smi**

Thu Aug 8 13:27:55 2024

```
+-----+
| NVIDIA-SMI 535.183.04                Driver Version: 535.183.04   CUDA Version: N/A       |
+-----+-----+-----+-----+-----+-----+
| GPU  Name          Persistence-M | Bus-Id        Disp.A | Volatile Uncorr. ECC |
| Fan  Temp   Perf          Pwr:Usage/Cap |      Memory-Usage | GPU-Util  Compute M. |
|                                           |              MIG M. |
+-----+-----+-----+-----+-----+-----+
|   0   Tesla P4             On          | 00000000:B3:00.0 Off  |                 0     |
| N/A   62C    P0              30W / 75W | 7519MiB / 7680MiB |   5%      Default   |
|                                           |              N/A     |
+-----+-----+-----+-----+-----+-----+
```

```
+-----+
| Processes:
| GPU  GI    CI          PID    Type    Process name          GPU Memory
|      ID    ID
+-----+-----+-----+-----+-----+-----+
|   0   N/A  N/A     2129795   C+G    MS_Office             3744MiB
|   0   N/A  N/A     2129968   C+G    frog.vandu.lab1      3744MiB
+-----+-----+-----+-----+-----+-----+
```

[root@esx-1:~] █

```
[root@esx-1:~] nvidia-smi
```

```
Thu Aug 8 13:27:55 2024
```

```
+-----+
| NVIDIA-SMI 535.183.04                Driver Version: 535.183.04   CUDA Version: N/A       |
+-----+
| GPU  Name                Persistence-M | Bus-Id        Disp.A | Volatile Uncorr. ECC |
| Fan  Temp   Perf          Pwr:Usage/Cap |      Memory-Usage | GPU-Util  Compute M. |
|                                           |              MIG M. |
+-----+-----+
|   0   Tesla P4             On          | 00000000:B3:00.0 Off  |                    0 |
| N/A   62C    P0              30W / 75W | 7519MiB / 7680MiB |      5%      Default |
|                                           |                      N/A |
+-----+-----+
```

```
+-----+
| Processes:
| GPU   GI    CI          PID    Type    Process name          GPU Memory
|       ID    ID
+-----+-----+
|   0   N/A  N/A     2129795   C+G    MS_Office             3744MiB
|   0   N/A  N/A     2129968   C+G    frog.vandu.lab1      3744MiB
+-----+-----+
```

```
[root@esx-1:~] vmkload mod -l | grep nvidia
```

```
nvidia                1063  38132
```

```
[root@esx-1:~] █
```


vSphere Client Search in all environments www.vAndu.tech

esx-1.home.lab ACTIONS

Summary Monitor **Configure** Permissions VMs Datastores Networks Updates

GRAPHICS DEVICES HOST GRAPHICS

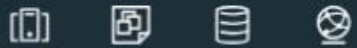
Graphics Devices

EDIT...

	Name	Device ID	Vendor	Active Type	Configured Type	vGPU Mode	Memory
<input type="radio"/>	Tesla P4	0000:b3:00.0	NVIDIA Corporation	Shared Direct	Shared Direct	Same Size	7.5 GB

Hardware Overview **Graphics** PCI Devices Firmware Virtual Flash Virtual Flash Resource Ma... Virtual Flash Host Swap C... Alarm Definitions Scheduled Tasks

Manage Columns 1 item



- vcenter.home.lab
 - vAndu HomeLab Datacenter
 - vAndu AI Cluster
 - vAndu.Tech Cluster
 - esx-1.home.lab
 - esx-2.home.lab (Not responding)
 - esx-3.home.lab (Maintenance Mode)**
 - www.vAndu.tech
 - AI test 4 (disconnected)
 - CA.test.lab
 - DC-1.test.lab
 - DC-2.test.lab
 - DC1
 - DC2
 - DC3
 - DC4
 - www.vAndu.tech
 - www.vAndu.tech
 - ecoStruxureITDCExpert-8.1.0.292

esx-3.home.lab

ACTIONS

- Advanced System Settings
- System Resource Reserva...
- Firewall
- Services
- Security Profile
- System Swap
- Packages
- Hardware**
 - Overview
 - Graphics**
 - PCI Devices
 - Firmware
- Virtual Flash**
 - Virtual Flash Resource Ma...
 - Virtual Flash Host Swap C...
- Alarm Definitions
- Scheduled Tasks

- Actions - esx-3.home.lab**
 - New Virtual Machine...
 - Deploy OVF Template...
 - New Resource Pool...
 - New vApp...
 - Import VMs
 - Maintenance Mode**
 - Connection
 - Power
 - Certificates
 - Storage
 - Add Networking...
 - Host Profiles
 - Export System Logs...
 - Reconfigure for vSphere HA
 - Assign License...
 - Settings
 - Move To...
 - Tags & Custom Attributes

Stores Networks Updates

Vendor Active Type

- Enter Maintenance Mode
- Exit Maintenance Mode**
- Exit Partial Maintenance Mode

Recent Tasks Alarms

Task Name	Target	Status
-----------	--------	--------

--	--	--

Initiator

items found

Navigation tree showing vcenter.home.lab > vAndu HomeLab Datacenter > vAndu.Tech Cluster > esx-3.home.lab selected.

Configuration menu for esx-3.home.lab with 'Graphics' selected.

Actions menu for esx-3.home.lab with 'Power' > 'Reboot' highlighted.

Task list table showing recent tasks for esx-3.home.lab.

Task Name	Target	Status	Details
Exit maintenance mode	esx-3.home.lab	Completed	Waiting h: Graph

Deploying the NvidiaDLS OVA to vSphere

vGPU ACTIONS

Summary Monitor Configure Permissions VMs Updates

- > www.vAndu.tech
- > Discovered virtual machine
- > Gaming
- > HIAB
- > Study Lab 1 (NSX+ vCloud)
- > Template
- > vCLS
- > vGPU

- Actions - vGPU
- New Virtual Machine...
- Deploy OVF Template...
- New Folder
- Rename...
- Move To...
- Add Permission...
- Tags & Custom Attributes >
- Alarms >
- Remove from Inventory

Tags

No tags assigned

ASSIGN

Task Name	Target	Status	Details	Initiator
-----------	--------	--------	---------	-----------

No items found

Deploy OVF Template

1 Select an OVF template

2 Select a name and folder

3 Select a compute resource

4 Review details

5 Select storage

6 Ready to complete

Select an OVF template



Select an OVF template from remote URL or local file system

Select a template to deploy. Use multiple selection to select all the files associated with an OVF template (.ovf, .vmdk, etc.)

Enter a URL to download and install the OVF package from the Internet, or browse to a location accessible from your computer, such as a local hard drive, a network share, or a CD/DVD drive.

URL

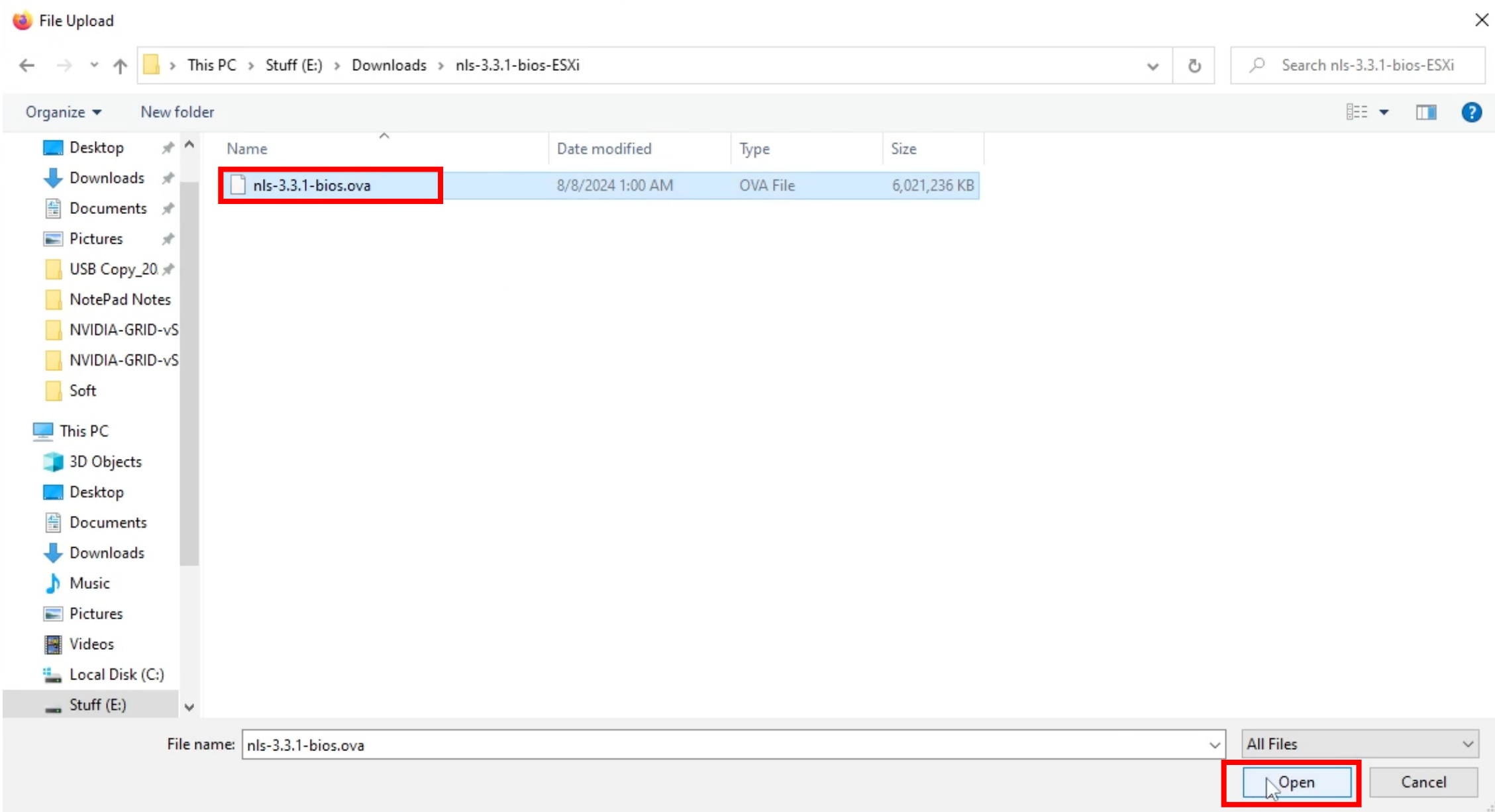
http | https://remoteserver-address/filetodeploy.ovf | .ova

Local file

UPLOAD FILES No files selected.

CANCEL

NE



Deploy OVF Template

- 1 Select an OVF template
- 2 Select a name and folder
- 3 Select a compute resource
- 4 Review details
- 5 Select storage
- 6 Ready to complete

Select an OVF template

Select an OVF template from remote URL or local file system

Enter a URL to download and install the OVF package from the Internet, or browse to a location accessible from your computer, such as a local hard drive, a network share, or a CD/DVD drive.

URL

http | https://remoteserver-address/filetoinstall.ovf | .ova

Local file

UPLOAD FILES nls-3.3.1-bios.ova

CANCEL

NEXT

Deploy OVF Template

1 Select an OVF template

2 Select a name and folder

3 Select a compute resource

4 Review details

5 Select storage

6 Ready to complete

Select a name and folder

Specify a unique name and target location

Virtual machine name:

nls-3.3.1-bios_vAнду

Select a location for the virtual machine.

- ▼ vcenter.home.lab
 - ▼ vAndu HomeLab Datacenter
 - > www.vAndu.tech
 - > Discovered virtual machine
 - > Gaming
 - > HIAB
 - > Study Lab 1 (NSX+ vCloud)
 - > Template
 - > vCLS
 - > vGPU

Customize this virtual machine's hardware

CANCEL

BACK

NEXT

Deploy OVF Template

- 1 Select an OVF template
- 2 Select a name and folder
- 3 Select a compute resource
- 4 Review details
- 5 Select storage
- 6 Ready to complete

Select a compute resource

Select the destination compute resource for this operation

- ▼ vAndu HomeLab Datacenter
 - > vAndu AI Cluster
 - > vAndu.Tech Cluster

Compatibility

✓ Compatibility checks succeeded.

Automatically power on deployed VM

CANCEL

BACK

NEXT


Deploy OVF Template

- 1 Select an OVF template
- 2 Select a name and folder
- 3 Select a compute resource
- 4 Review details**
- 5 Select storage
- 6 Select networks
- 7 Customize template
- 8 Ready to complete

Review details



Verify the template details.

 The OVF package contains advanced configuration options, which might pose a security risk. Review the advanced configuration options below. Click next to accept the advanced configuration options.

Publisher	No certificate present
Product	NLS
Vendor	Nvidia
Download size	5.7 GB
Size on disk	12.8 GB (thin provisioned) 15.0 GB (thick provisioned)
Advanced configuration	nvram = ovf:/file/file2

CANCEL BACK **NEXT**

Deploy OVF Template

- 1 Select an OVF template
- 2 Select a name and folder
- 3 Select a compute resource
- 4 Review details
- 5 Select storage**
- 6 Select networks
- 7 Customize template
- 8 Ready to complete

Select storage

Select the storage for the configuration and disk files

Encrypt this virtual machine (Requires Key Management Server)

Select virtual disk format **Thin Provision**

VM Storage Policy **Datastore Default**

Disable Storage DRS for this virtual machine

	Name	Storage Compatibility	Capacity	Provisioned	Free	T
<input type="radio"/>	ESX-1 INTEL SSDPEKNW020T8 2TB	--	1.86 TB	3.57 TB	985.96 GB	V
<input checked="" type="radio"/>	ESX-1 INTEL SSDPEKNW020T8 b 2TB	--	1.86 TB	3.14 TB	1.43 TB	V
<input type="radio"/>	ESX-1 INTEL SSDPEKNW020T9 a 2TB	--	1.86 TB	1.26 TB	1.67 TB	V
<input type="radio"/>	ESX-1 INTEL SSDPEKNW020T9 b 2TB	--	1.86 TB	67.67 GB	1.86 TB	V
<input type="radio"/>	ESX-1 INTEL SSDPEXNV153T8D 15TB	--	13.97 TB	10.08 TB	11.72 TB	V

Manage Columns Items per page 10 7 items

Compatibility

✓ Compatibility checks succeeded.

CANCEL

BACK

NEXT

Deploy OVF Template

- 1 Select an OVF template
- 2 Select a name and folder
- 3 Select a compute resource
- 4 Review details
- 5 Select storage
- 6 Select networks**
- 7 Customize template
- 8 Ready to complete

Select networks

Select a destination network for each source network.

Source Network	Destination Network
VM Network	VM Network

Manage Columns 1 item

IP Allocation Settings

IP allocation: Static - Manual

IP protocol: IPv4

CANCEL

BACK

NEXT

Deploy OVF Template

- 1 Select an OVF template
- 2 Select a name and folder
- 3 Select a compute resource
- 4 Review details
- 5 Select storage
- 6 Select networks
- 7 Customize template**
- 8 Ready to complete

Customize template

Customize the deployment properties of this software solution.

✓ All properties have valid values

NetworkProperty

5 settings

IP Address

10.2.2.102

Netmask Prefix (CIDR Notation e.g 24 for 255.255.255.0) [Default value is non-empty: -1 (considered as CIDR not set)]

24

Gateway

10.2.2.1

DNS Server One

1.1.1.1

DNS Server Two

10.2.2.1

CANCEL

BACK

NEXT

Deploy OVF Template

- 1 Select an OVF template
- 2 Select a name and folder
- 3 Select a compute resource
- 4 Review details
- 5 Select storage
- 6 Select networks
- 7 Customize template
- 8 Ready to complete

Ready to complete

Review your selections before finishing the wizard

▼ Select a name and folder

Name nls-3.3.1-bios_vAndu
Template name nls-3.3.1-bios
Folder vGPU

▼ Select a compute resource

Resource vAndu.Tech Cluster

▼ Review details

Download size 5.7 GB

▼ Select storage

Size on disk 12.8 GB
Storage mapping 1
All disks Datastore: ESX-1 INTEL SSDPEKNW020T8 b 2TB; Format: Thin provision

▼ Select networks

Network mapping 1
VM Network VLAN 22- 10.2.2.X
IP allocation settings
IP protocol IPv4
IP allocation Static - Manual

▼ Customize template

Properties
IP Address = 10.2.2.102
Netmask Prefix (CIDR Notation e.g 24 for 255.255.255.0) [Default value is non-empty: -1 (considered as CIDR not set)] = 24
Gateway = 10.2.2.1
DNS Server One = 1.1.1.1

CANCEL

BACK

FINISH

Configuring an Nvidia DLS (License) Server

Virtual Appliance Setup [? Help?](#)

Choose if this virtual appliance will be used as a new installation or to upgrade an existing one



First time setup

Setting up the virtual appliance for the first time?

[New Installation](#)



Upgrade existing

Upgrading from an older virtual appliance version?

[Upgrade](#)

- SETUP
- NEW INSTALL**
- UPGRADE
- SUPPORT

Register user account

Username

Password

Confirm password

REGISTER 

🏠 SETUP ▼

📁 NEW INSTALL

🔄 UPGRADE

🗉 SUPPORT

Register user account


✔ Account registered successfully!

Your username is `dis_admin`

Your local reset secret is www.vAndu.tech 

Copy this local reset secret and store it in a secure location. In case the password is forgotten, this value can be used one time to reset the password.

 [CONTINUE TO LOGIN](#)

 LOGIN

 SUPPORT

Login


Username

Password

[Forgot password?](#)

LOG IN 

⏪ COLLAPSE

 DASHBOARD

 SERVICE INSTANCE

 SUPPORT

Dashboard [Help?](#)

Complete basic setup



Service instance not registered

This service instance has not yet been registered with the NVIDIA Licensing Portal

[Download DLS Instance Token](#)



No license server installed

Select the license server bin file downloaded from the NVIDIA Licensing Portal

 [SELECT LICENSE SERVER FILE](#)

Install server

 COLLAPSE

- Service Instance
- SERVICE INSTANCE**
- SUPPORT

Service Instance Details Help?

Manage the DLS service instance and customize to your environment

REFRESH ACTIONS

DEFAULT_2024-08-08

Id: www.vAndu.Tech **Type:** DLS **State:** Registration pending [Download DLS Instance Token](#) **Created:** Aug 8, 2024 1:32 AM **Modified:** Aug 8, 2024 1:32 AM

Description: ON_PREM_SERVICE_INSTANCE

DLS setup type: VM-based **High availability:** Standalone **Current Node Role:** Primary **Non-Persistent desktop pools:** Disabled

Node Details

CONFIGURE HIGH AVAILABILITY

Primary Node

Fully qualified domain name: not available **IPv6 address:** not assigned **IPv4 address:** 10.2.2.102

Critical services: Active Restart **Other services:** Active Restart

CONFIGURE IP ADDRESS

« COLLAPSE

DASHBOARD

SERVICE INSTANCE

SUPPORT

Service Instance Details Help?

Manage the DLS service instance and customize to your environment

- REFRESH
- ACTIONS
- Download DLS Instance Token
- Toggle non-persistent deskto...
- Edit**
- Pre-Register Service Instance
- Generate client config token

DEFAULT_2024-08-08

Id: www.vAndu.Tech

Type: DLS

State: Registration pending [Download DLS Instance Token](#)

Created: Aug 8, 2024 1:32 AM

Modified: Aug 8, 2024 1:32 AM

Description: ON_PREM_SERVICE_INSTANCE

DLS setup type: VM-based

High availability: Standalone

Current Node Role: Primary

Non-Persistent desktop pools: Disabled

Node Details

CONFIGURE HIGH AVAILABILITY

Primary Node

Fully qualified domain name: not available

IPv6 address: not assigned

IPv4 address: 10.2.2.102

Critical services: Active Restart

Other services: Active Restart

CONFIGURE IP ADDRESS

COLLAPSE

Service Instance Details Help?

Manage the DLS service instance and customize to your environment

REFRESH

ACTIONS

DEFAULT_2024-08-08

ID:

TYPE: DLS

STATE: Registration pending Download DLS Instance Token

CREATED: Aug 8, 2024 1:32 AM

MODIFIED: Aug 8, 2024 1:32 AM

DESCRIPTION: ON_PREM_SERVICE_INSTANCE

DLS setup type: VM-based

High availability: Standalone

Node Details

Primary Node

Fully qualified domain name: not available

IPv6 address

Critical services: Active Restart

Other services

CONFIGURE HIGH AVAILABILITY

CONFIGURE IP ADDRESS

Edit Service Instance

Name

Description

EDIT SERVICE INSTANCE

Support

Dashboard [Help?](#)

Complete basic setup



Service instance not registered
This service instance has not yet been registered with the NVIDIA Licensing Portal

[Download DLS Instance Token](#)



No license server installed
Select the license server bin file downloaded from the NVIDIA Licensing Portal

[SELECT LICENSE SERVER FILE](#)

Install server

📄 dls_instance_token_08-08-2024-01-58-02.tok
Completed — 3.1 KB

📄 nls-3.3.1-bios-ESXi.zip
Completed — 5.6 GB

📄 nls-3.3.1-bios-ESXi(2).zip
Failed

📄 nls-3.3.1-bios-ESXi(1).zip
Failed

📄 NVIDIA-GRID-vSphere-8.0-550.90.05-550.90.07-552.74.zip
File moved or missing

[Show all downloads](#)

👤 [logout](#)

<https://nvid.nvidia.com>

NVIDIA LICENSING NVIDIA APPLICATION HUB 1 [www.vAndu.tech](#) logout

Dashboard

- ENTITLEMENTS
- LICENSE SERVERS
- NETWORK ENTITLEMENTS
- VIRTUAL GROUPS
- USER MANAGEMENT
- SOFTWARE DOWNLOADS
- EVENTS
- LEASES
- SERVICE INSTANCES
- API KEYS
- EMAIL ALERTS
- SUPPORT

NVIDIA Licensing Portal

Manage your purchased entitlement features and configure your DLS or CLS instances. If you are new to this system, please view the 'Quick Start' guide by clicking the button below.

[GET STARTED](#)

ENTITLEMENTS	LICENSE SERVERS	USERS
<ul style="list-style-type: none">2 Active0 Expires soon0 Expired	<ul style="list-style-type: none">0 Serving0 Disabled0 Pending install0 Unbound	<ul style="list-style-type: none">1 Registered0 Unregistered0 Never logged in
Manage	Manage	Manage

NLS MIGRATION

<ul style="list-style-type: none">0 Migrated to NLS0 Legacy Servers
--

NVIDIA

DLS data synchronization

Import event data from your DLS environment using the file generated through Events Export feature on the Maintenance tab of the DLS.

[COLLAPSE](#) www.vAndu.tech

- DASHBOARD
- ENTITLEMENTS
- LICENSE SERVERS
- NETWORK ENTITLEMENTS
- VIRTUAL GROUPS
- USER MANAGEMENT
- SOFTWARE DOWNLOADS
- EVENTS
- LEASES
- SERVICE INSTANCES**
- API KEYS
- EMAIL ALERTS
- SUPPORT

Service Instances Help?

View your service instances in

www.vAndu.tech

ACTIONS

CLS DLS

Search service instances

updated @ 1:59:13 AM



NAME	ENVIRONMENT	STATUS	DATE CREATED	
DEFAULT_2024-07-12	DLS	Registered	Jul 12, 2024 4:11 AM	Actions

10 service instances per page

(1 - 1 of 1 service instances) 1 of 1 pages

- DASHBOARD
- ENTITLEMENTS
- LICENSE SERVERS
- NETWORK ENTITLEMENTS
- VIRTUAL GROUPS
- USER MANAGEMENT
- SOFTWARE DOWNLOADS
- EVENTS
- LEASES
- SERVICE INSTANCES**
- API KEYS
- EMAIL ALERTS
- SUPPORT

Service Instances Help?

View your service instances in |



CLS



DLS

Search service instances

updated @ 1:59:13 AM



NAME	ENVIRONMENT	STATUS	DATE CREATED	
DEFAULT_2024-07-12_	DLS	Registered	Jul 12, 2024 4:11 AM	Actions

10 service instances per page

(1 - 1 of 1 service instances) 1 of 1 pages

ACTIONS

- Create CLS instance
- Register DLS instance**

- DASHBOARD
- ENTITLEMENTS
- LICENSE SERVERS
- NETWORK ENTITLEMENTS
- VIRTUAL GROUPS
- USER MANAGEMENT
- SOFTWARE DOWNLOADS
- EVENTS
- LEASES
- SERVICE INSTANCES**
- API KEYS
- EMAIL ALERTS
- SUPPORT

Service Instances Help?

View your service instances in **www.vAndu.tech**

ACTIONS

CLS DLS

Search service instances

updated @ 1:59:13 AM



NAME

ENVIRONMENT

STATUS

DATE CREATED

DEFAULT_2024-07-12_

www.vAndu.tech

Register DLS Instance

Upload a DLS instance token for initial registration or for a DLS upgrade

Registered

Jul 12, 2024 4:11 AM

Actions

10 service instances per page

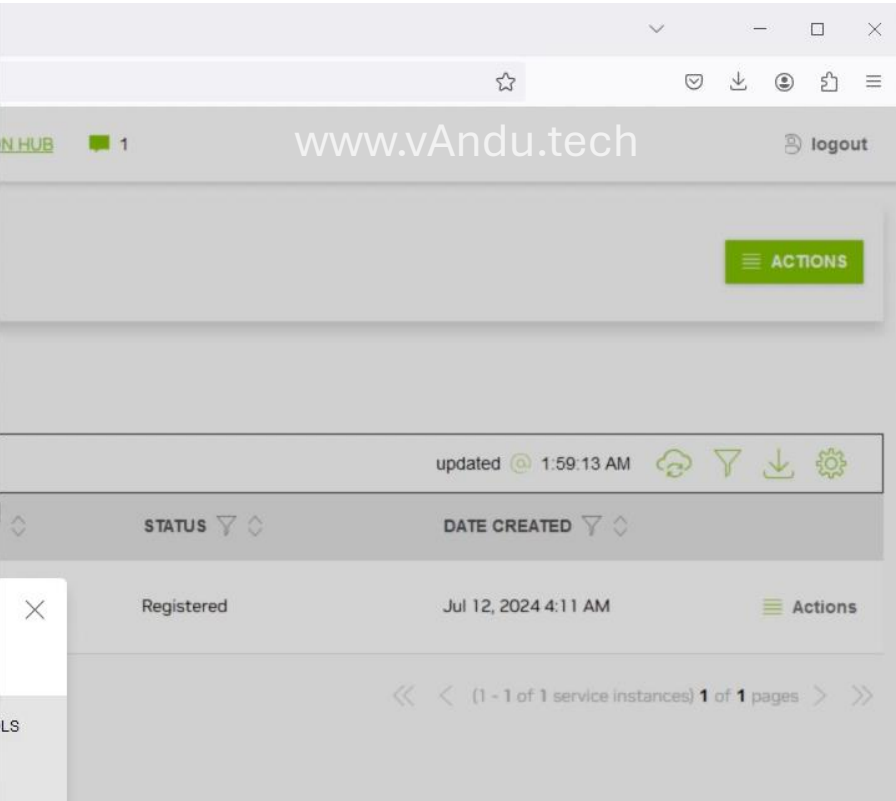
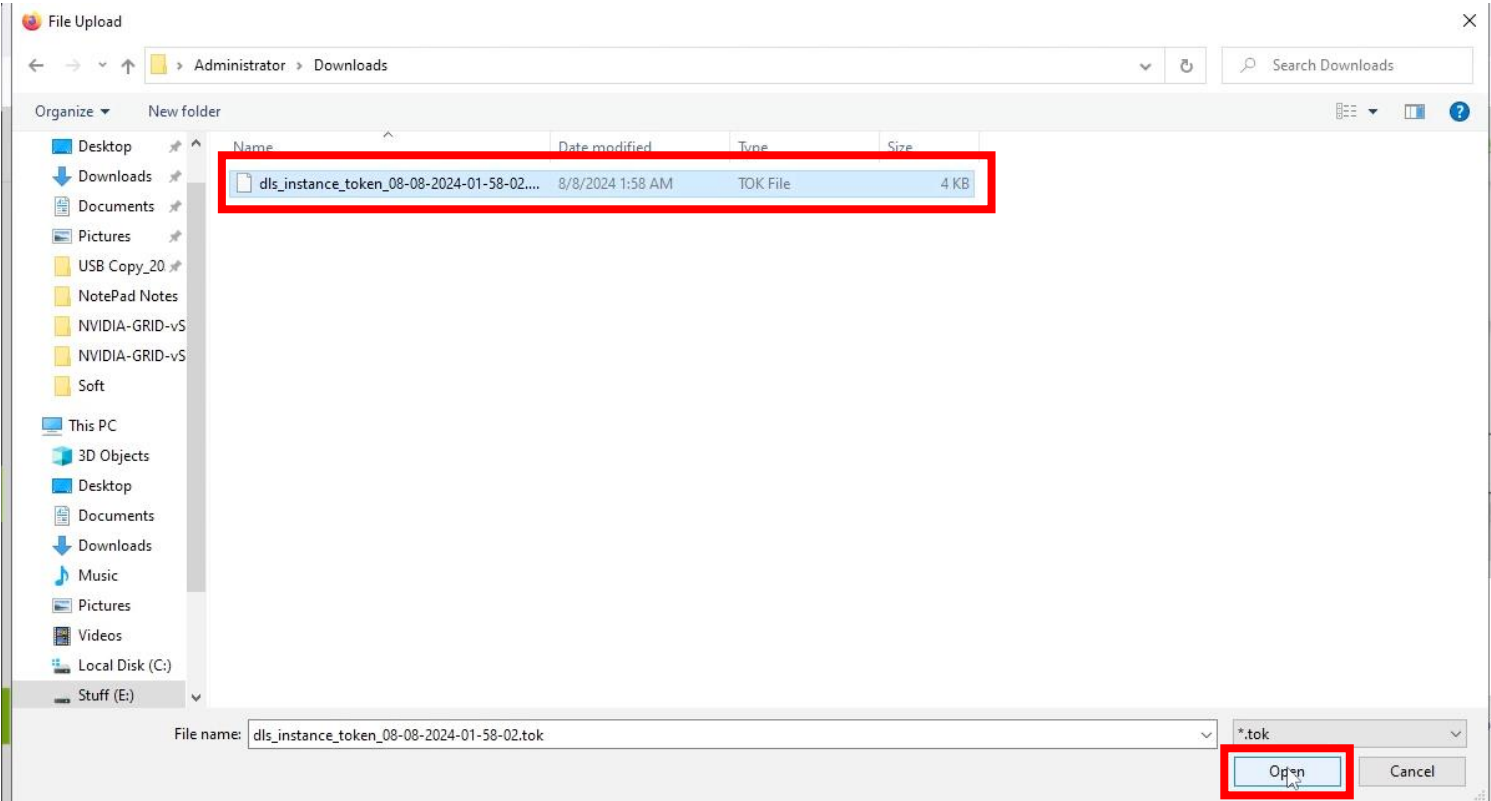
(1 - 1 of 1 service instances) 1 of 1 pages

Are you registering a new DLS instance or performing an upgrade on an existing DLS instance?

Select a file for upload Installation Upgrade existing

SELECT INSTANCE TOKEN

UPLOAD TOKEN



- DASHBOARD
- ENTITLEMENTS
- LICENSE SERVERS
- NETWORK ENTITLEMENTS
- VIRTUAL GROUPS
- USER MANAGEMENT
- SOFTWARE DOWNLOADS
- EVENTS
- LEASES
- SERVICE INSTANCES**
- API KEYS
- EMAIL ALERTS
- SUPPORT

Service Instances Help?

View your service instances in: [www.vAndu.tech](#)

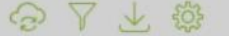
ACTIONS

CLS

DLS

Search service instances

updated @ 1:59:13 AM



NAME	ENVIRONMENT	STATUS	DATE CREATED	
DEFAULT_2024-07-12_1 www.vAndu.tech		Registered	Jul 12, 2024 4:11 AM	Actions

10 service instances per page

(1 - 1 of 1 service instances) 1 of 1 pages

Register DLS Instance

Upload a DLS instance token for initial registration or for a DLS upgrade

Are you registering a new DLS instance or performing an upgrade on an existing DLS instance?

New installation Upgrade existing

UPLOAD TOKEN

DASHBOARD

License Servers

LICENSE SERVERS

NETWORK ENTITLEMENTS

VIRTUAL GROUPS

USER MANAGEMENT

SOFTWARE DOWNLOADS

EVENTS

LEASES

SERVICE INSTANCES

API KEYS

EMAIL ALERTS

SUPPORT

COLLAPSE

Service Instances Help?

View your service instances in

www.vAndu.tech

ACTIONS

CLS

DLS

Search service instances

updated @ 2:00:23 AM



NAME	ENVIRONMENT	STATUS	DATE CREATED	
vAndu_DLS2	DLS	Registered	Aug 8, 2024 2:00 AM	Actions
DEFAULT_2024-07-12_	DLS	Registered	Jul 12, 2024 4:11 AM	Actions

10 service instances per page

(1 - 2 of 2 service instances) 1 of 1 pages

- DASHBOARD
- ENTITLEMENTS
- LICENSE SERVERS
 - Create Server
 - CREATE SERVER**
- NETWORK ENTITLEMENTS
- VIRTUAL GROUPS
- USER MANAGEMENT
- SOFTWARE DOWNLOADS
- EVENTS
- LEASES
- SERVICE INSTANCES
- API KEYS
- EMAIL ALERTS
- SUPPORT

License Servers Help?

View license servers in [www.vAndu.tech](#)
Clicking on a row will display the related server features, clicking on the server name will display the full server details.

CREATE SERVER

- STATUS
- ENVIRONMENT
- PENDING INSTALL
- LEASING MODE
- MIGRATION STATUS

Search license servers updated @ 2:01:14 AM

NAME	FAMILY	SERVICE INSTANCE	
GPU Server Installed	vGPU	DEFAULT_2024-07-12_	(On-prem) Actions

10 license servers per page

(1 - 1 of 1 license servers) 1 of 1 pages

COLLAPSE

- DASHBOARD
- ENTITLEMENTS
- LICENSE SERVERS
- LIST SERVERS
- CREATE SERVER**
- NETWORK ENTITLEMENTS
- VIRTUAL GROUPS
- USER MANAGEMENT
- SOFTWARE DOWNLOADS
- EVENTS
- LEASES
- SERVICE INSTANCES
- API KEYS
- EMAIL ALERTS
- SUPPORT

Create License Server [Help?](#)

Create a license server in [www.vAndu.tech](#)

Installing on DLS?

Please ensure you have your service instance registration token ready (if not already registered).

[FIND OUT MORE](#)

- STEP 1**
- STEP 2
- STEP 3
- STEP 4
- REVIEW

Step 1 - Identification

Choose a unique name for this license server. You may optionally provide a description.

Name

Description

NEXT STEP

Step 2 - Features

Choose one or more available features from your entitlements. Features that have expired, or are fully allocated, are not displayed.

NAME	PRODUCT KEY ID	STATUS	AVAILABLE	ADDED
------	----------------	--------	-----------	-------

Server Summary

Step 1 - Identification

vAndu_DLS2
vAndu_DLS2

Step 2 - Features

(No features selected)

Step 3 - Environment

(not selected)

Step 4 - Configuration

Leasing mode: Standard Networked Licensing

CREATE SERVER

- DASHBOARD
- ENTITLEMENTS
- LICENSE SERVERS
- LIST SERVERS
- CREATE SERVER**
- NETWORK ENTITLEMENTS
- VIRTUAL GROUPS
- USER MANAGEMENT
- SOFTWARE DOWNLOADS
- EVENTS
- LEASES
- SERVICE INSTANCES
- API KEYS
- EMAIL ALERTS
- SUPPORT

Step 2 - Features

Choose one or more available features from your entitlements. Features that have expired, or are fully allocated, are not displayed.

NAME	PRODUCT KEY ID	STATUS	AVAILABLE	ADDED
<input checked="" type="checkbox"/> NVIDIA RTX Virtual Workstation-5.0	www.vAndu.tech	Active	78	<input type="text" value="20"/> +
<input checked="" type="checkbox"/> NVIDIA Virtual Applications-3.0	www.vAndu.tech	Active	78	<input type="text" value="20"/> +

5 | entitlemnet features per page

<< < (1 - 2 of 2 entitlement features) 1 of 1 pages > >>

Please add counts to the selected features that require specifying counts

Previous Step

NEXT STEP

Step 3 - Environment

Choose where this license server will be installed, CLS (cloud) or DLS (on-premises).

Cloud (CLS) On-Premises (DLS) Deferred

Click on CLS or DLS to indicate where this server will be installed. Click defer step below to make this selection after the server has been created.

Previous Step

Defer Step

NEXT STEP

Step 4 - Configuration

Customize the license server behavior to your requirements.

Leasing mode:

Server Summary

STEP 1 **STEP 2** STEP 3 STEP 4

Step 1 - Identification

vAndu_DLS2
vAndu_DLS2

Step 2 - Features

NVIDIA Virtual Applications-3.0 - count required
NVIDIA RTX Virtual Workstation-5.0 - 20 count

Step 3 - Environment

(not selected)

Step 4 - Configuration

Leasing mode: Standard Networked Licensing

CREATE SERVER

<< COLLAPSE

- DASHBOARD
- ENTITLEMENTS
- LICENSE SERVERS
- LIST SERVERS
- CREATE SERVER**
- NETWORK ENTITLEMENTS
- VIRTUAL GROUPS
- USER MANAGEMENT
- SOFTWARE DOWNLOADS
- EVENTS
- LEASES
- SERVICE INSTANCES
- API KEYS
- EMAIL ALERTS
- SUPPORT

<input checked="" type="checkbox"/>	NVIDIA RTX Virtual Workstation-5.0	www.vAndu.tech	Active	78	20	+
<input checked="" type="checkbox"/>	NVIDIA Virtual Applications-3.0	www.vAndu.tech	Active	78	20	+

5 | entitlement features per page

<< < (1 - 2 of 2 entitlement features) 1 of 1 pages > >>

Step 3 - Environment

Choose where this license server will be installed, CLS (cloud) or DLS (on-premises).

Cloud (CLS) **On-Premises (DLS)** Deferred

Click on CLS or DLS to indicate where this server will be installed. Click defer step below to make this selection after the server has been created.

Previous Step Defer Step **NEXT STEP**

Step 4 - Configuration

Customize the license server behavior to your requirements.

Leasing mode:
Standard Networked Licensing

Standard Networked Licensing
Select this mode to simplify the management of licenses on a license server that supports networked licensing. In this mode, no additional configuration of the licenses on the server is required.

Previous Step REVIEW SUMMARY **CREATE SERVER**

Server Summary

STEP 1 STEP 2 STEP 3 **STEP 4**

Step 1 - Identification

vAndu_DLS2
vAndu_DLS2

Step 2 - Features

NVIDIA RTX Virtual Workstation-5.0 - 20 count
NVIDIA Virtual Applications-3.0 - 20 count

Step 3 - Environment

(not selected)

Step 4 - Configuration

Leasing mode: Standard Networked Licensing

CREATE SERVER

- DASHBOARD
- ENTITLEMENTS
- LICENSE SERVERS
- LIST SERVERS
- CREATE SERVER
- NETWORK ENTITLEMENTS
- VIRTUAL GROUPS
- USER MANAGEMENT
- SOFTWARE DOWNLOADS
- EVENTS
- LEASES
- SERVICE INSTANCES
- API KEYS
- EMAIL ALERTS
- SUPPORT

NVIDIA RTX Virtual Workstation-5.0	www.vAndu.tech	Active	78	20	+
NVIDIA Virtual Applications-3.0	www.vAndu.tech	Active	78	20	+

5 | v entitlement features per page (1 - 2 of 2 entitlement features) 1 of 1 pages >>

Previous Step NEXT STEP

Step 3 - Environment

Choose where this license server will be installed, CLS (cloud) or DLS (on-premises).

Cloud (CLS) On-Premises (DLS) Deferred

About DLS instance token
 The DLS instance token/id is required for this step if your DLS service instance has not been registered. You can upload the DLS service instance token below (or enter/paste the service instance id) to register the service instance. Once registered, you can select it from the list of service instances above.

If this license server will be installed on a new DLS appliance where the service instance has not yet been registered, you can upload and register the service instance below.

Select a registered service instance
 vAndu_DLS2 x | v

OR upload a new DLS registration token

SELECT INSTANCE TOKEN UPLOAD TOKEN

Previous Step Defer Step **NEXT STEP**

Step 4 - Configuration

Server Summary

STEP 1 STEP 2 STEP 3 **STEP 4**

Step 1 - Identification
 vAndu_DLS2
 vAndu_DLS2

Step 2 - Features
 NVIDIA RTX Virtual Workstation-5.0 - 20 count
 NVIDIA Virtual Applications-3.0 - 20 count

Step 3 - Environment
 DLS
 vAndu_DLS2

Step 4 - Configuration
 Leasing mode: Standard Networked Licensing

CREATE SERVER

www.vAndu.tech

- DASHBOARD
- ENTITLEMENTS
- LICENSE SERVERS
- LIST SERVERS
- CREATE SERVER**
- NETWORK ENTITLEMENTS
- VIRTUAL GROUPS
- USER MANAGEMENT
- SOFTWARE DOWNLOADS
- EVENTS
- LEASES
- SERVICE INSTANCES
- API KEYS
- EMAIL ALERTS
- SUPPORT

Step 3 - Environment

Choose where this license server will be installed, CLS (cloud) or DLS (on-premises).

Cloud (CLS) **On-Premises (DLS)** Deferred

About DLS instance token
The DLS instance token/id is required for this step if your DLS service instance has not been registered. You can upload the DLS service instance token below (or enter/paste the service instance id) to register the service instance. Once registered, you can select it from the list of service instances above.

If this license server will be installed on a new DLS appliance where the service instance has not yet been registered, you can upload and register the service instance below.

Select a registered service instance

OR upload a new DLS registration token

Previous Step Defer Step **NEXT STEP**

Step 4 - Configuration

Customize the license server behavior to your requirements.

Leasing mode:

Standard Networked Licensing
Select this mode to simplify the management of licenses on a license server that supports networked licensing. In this mode, no additional configuration of the licenses on the server is required.

Previous Step REVIEW SUMMARY **CREATE SERVER**

Server Summary

STEP 1 STEP 2 STEP 3 **STEP 4**

Step 1 - Identification

vAndu_DLS2
vAndu_DLS2

Step 2 - Features

NVIDIA RTX Virtual Workstation-5.0 - 20 count
NVIDIA Virtual Applications-3.0 - 20 count

Step 3 - Environment

DLS
vAndu_DLS2

Step 4 - Configuration

Leasing mode: Standard Networked Licensing


CREATE SERVER

- DASHBOARD
- ENTITLEMENTS
- LICENSE SERVERS
- LIST SERVERS
- CREATE SERVER
- SERVER DETAILS**
- NETWORK ENTITLEMENTS
- VIRTUAL GROUPS
- USER MANAGEMENT
- SOFTWARE DOWNLOADS
- EVENTS
- LEASES
- SERVICE INSTANCES
- API KEYS
- EMAIL ALERTS
- SUPPORT

License Server Details Help?

View details of license server in:

www.vAndu.tech

 vAndu_DLS2


Type: NVIDIA Created: Aug 8, 2024 2:03 AM Modified: Aug 8, 2024 2:03 AM

Service Instance: [vAndu_DLS2](#) DLS Install Status: PENDING Leasing Mode: Standard Networked Licensing

Description: vAndu_DLS2

Overview Server Features Leases

ABOUT THIS SERVER

 This server has not been installed on the bound service instance


- REFRESH
- ACTIONS**
- Rename
- Download**
- Return Features
- Manage Features
- Move server
- Unbind
- Delete

- DASHBOARD
- ENTITLEMENTS
- LICENSE SERVERS
- LIST SERVERS
- CREATE SERVER
- SERVER DETAILS**
- NETWORK ENTITLEMENTS
- VIRTUAL GROUPS
- USER MANAGEMENT
- SOFTWARE DOWNLOADS
- EVENTS
- LEASES
- SERVICE INSTANCES
- API KEYS
- EMAIL ALERTS
- SUPPORT



License Server Details Help?

View details of license server in | **www.vAndu.tech**

REFRESH ACTIONS

 **vAndu_DLS2**


Type: NVIDIA Created: Aug 8, 2024 2:03 AM Modified: Aug 8, 2024 2:03 AM

Service Instance: **vAndu_DLS2**  DLS Install Status:  PENDING Leasing Mode: Standard Networked Licensing

Description: vAndu_DLS2

Overview Server Features Leases

ABOUT THIS SERVER

 This server has not been installed on the bound service inst

Download License File

Download a license server bin file which can be installed on a DLS virtual appliance hosting 'vAndu_DLS2' service instance.

DOWNLOAD

🏠 DASHBOARD

📄 SERVICE INSTANCE

🗨️ SUPPORT

Dashboard [? Help?](#)

Complete basic setup



Service instance not registered

This service instance has not yet been registered with the NVIDIA Licensing Portal

[Download DLS Instance Token](#)



No license server installed

Select the license server bin file downloaded from the NVIDIA Licensing Portal

📄 [SELECT LICENSE SERVER FILE](#)

Install server

DASHBOARD

SERVICE INSTANCE

SUPPORT

Dashboard [Help?](#)

Complete basic setup



Service instance not registered

This service instance has not yet been registered with the NVIDIA Licensing Portal

[Download DLS Instance Token](#)

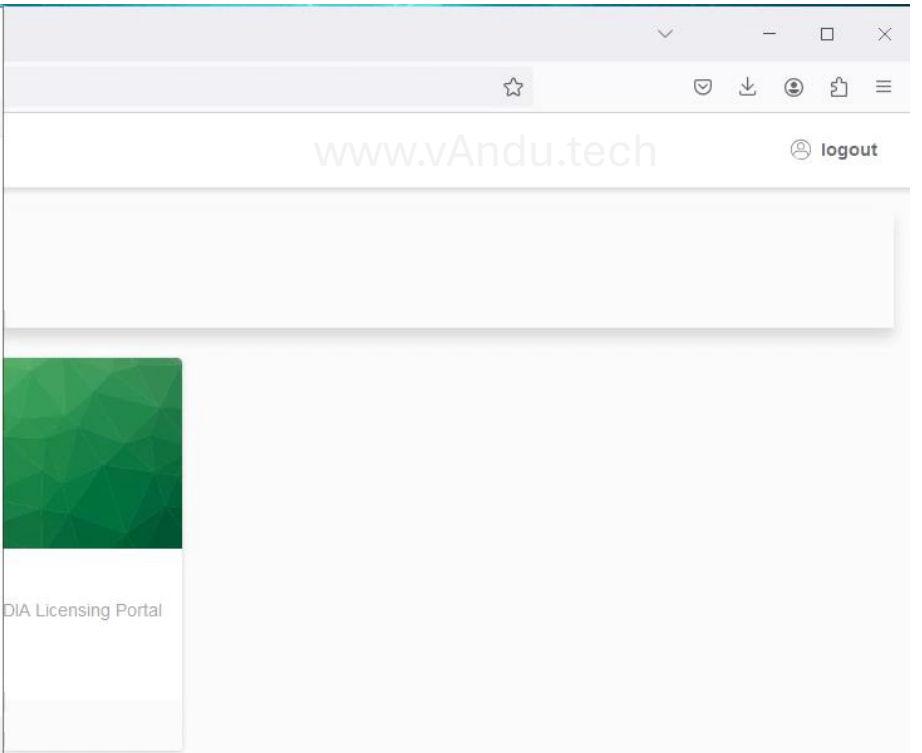
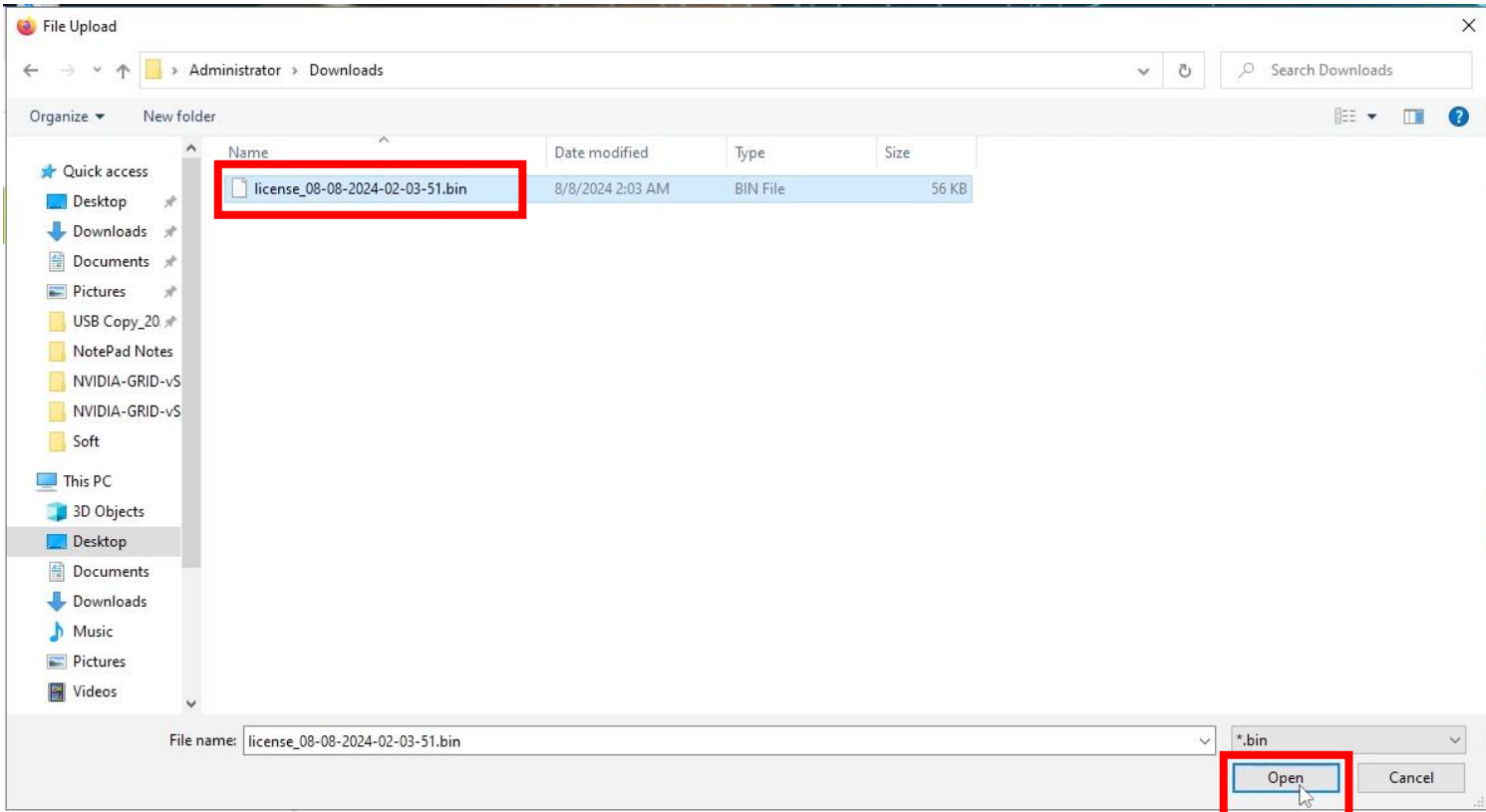


No license server installed

Select [Select a file for upload](#) downloaded from the NVIDIA Licensing Portal

[SELECT LICENSE SERVER FILE](#)

Install server



- 🏠 DASHBOARD
- 📄 SERVICE INSTANCE
- 📅 EVENTS
- 📄 LEASES
- 📊 METRICS
- ⚙️ SETTINGS
- 📄 MAINTENANCE
- 🗨️ SUPPORT

License Server Details 🔗 Help?

View details and manage the installed license server

🔄 REFRESH

☰ ACTIONS

🏠 vAndu_DLS2 is ENABLED ⬆️

Status: 🟢 ENABLED Type: NVIDIA Created: Aug 8, 2024 2:03 AM Modified: Aug 8, 2024 2:03 AM

Service Instance: vAndu_DLS2 📄 DLS Non-Persistent desktop pools: Disabled Install Status: 🟢 INSTALLED Leasing Mode: Standard Networked Licensing

Description: vAndu_DLS2 Scope Reference:

Overview Server Features Leases

ABOUT THIS SERVER

🏠 License server vAndu_DLS2 is enabled and will serve leases, you can not make changes while the server is enabled 🛑 DISABLE SERVER

Installing Nvidia Drivers to Windows VM

ADD NEW DEVICE ▾

▼ CPU * 8 ▾

CPU Topology Assigned at power on ⓘ

Reservation 0 ▾ MHz ▾

Limit Unlimited ▾ MHz ▾

Shares Normal ▾ 8000 ▾

Hardware virtualization Expose hardware assisted virtualization to the guest OS

Performance Counters Enable virtualized CPU performance counters

Scheduling Affinity ⓘ

I/O MMU Enabled

> Memory 8 ▾ GB ▾

> Hard disk 1 500 ▾ GB ▾

> SCSI controller 0 LSI Logic SAS ⋮

> Network adapter 1 VLAN 22- 10.2.2.X ▾ Connected ⋮

- Disks, Drives and Storage
 - Hard Disk
 - Existing Hard Disk
 - RDM Disk
 - Host USB Device
 - NVDIMM
 - CD/DVD Drive
- Controllers
 - NVMe Controller
 - SATA Controller
 - SCSI Controller
 - USB Controller
- Other Devices
 - PCI Device
 - Watchdog Timer
 - Precision Clock
 - Serial Port
- Network
 - Network Adapter

CANCEL

OK

Device Selection

	Name	Access Type	Manufacturer
<input checked="" type="radio"/>	grid_p4-1b	NVIDIA GRID vGPU	NVIDIA
<input type="radio"/>	grid_p4-1q	NVIDIA GRID vGPU	NVIDIA
<input type="radio"/>	grid_p4-2q	NVIDIA GRID vGPU	NVIDIA
<input type="radio"/>	grid_p4-4q	NVIDIA GRID vGPU	NVIDIA
<input type="radio"/>	grid_p4-8q	NVIDIA GRID vGPU	NVIDIA
<input type="radio"/>	grid_p4-1a	NVIDIA GRID vGPU	NVIDIA

Manage Columns 1 - 6 of 12 items < < 1 / 2 > >

CANCEL

SELECT

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Series	Optimal Workload
Q-series	Virtual workstations for creative and technical professionals who require the performance and features of Quadro technology
C-series	Compute-intensive server workloads, such as artificial intelligence (AI), deep learning, or high-performance computing (HPC) ^{2 3}
B-series	Virtual desktops for business professionals and knowledge workers
A-series	App streaming or session-based solutions for virtual applications users ⁶

File Explorer window showing the 'Guest_Drivers' folder. A file named '538.78_grid_win10_win11_server2019_server2022_dch_64bit_intern...' is highlighted with a red box. A large red arrow points from this file to the 'Copying...' dialog box in the adjacent screenshot.

File Explorer window showing the 'AI (E):' drive. A 'Copying...' dialog box is open, showing progress for copying a file to 'E:\'. The dialog box is highlighted with a red box.

AI (E:)

This PC > AI (E:)

Search AI (E:)

New

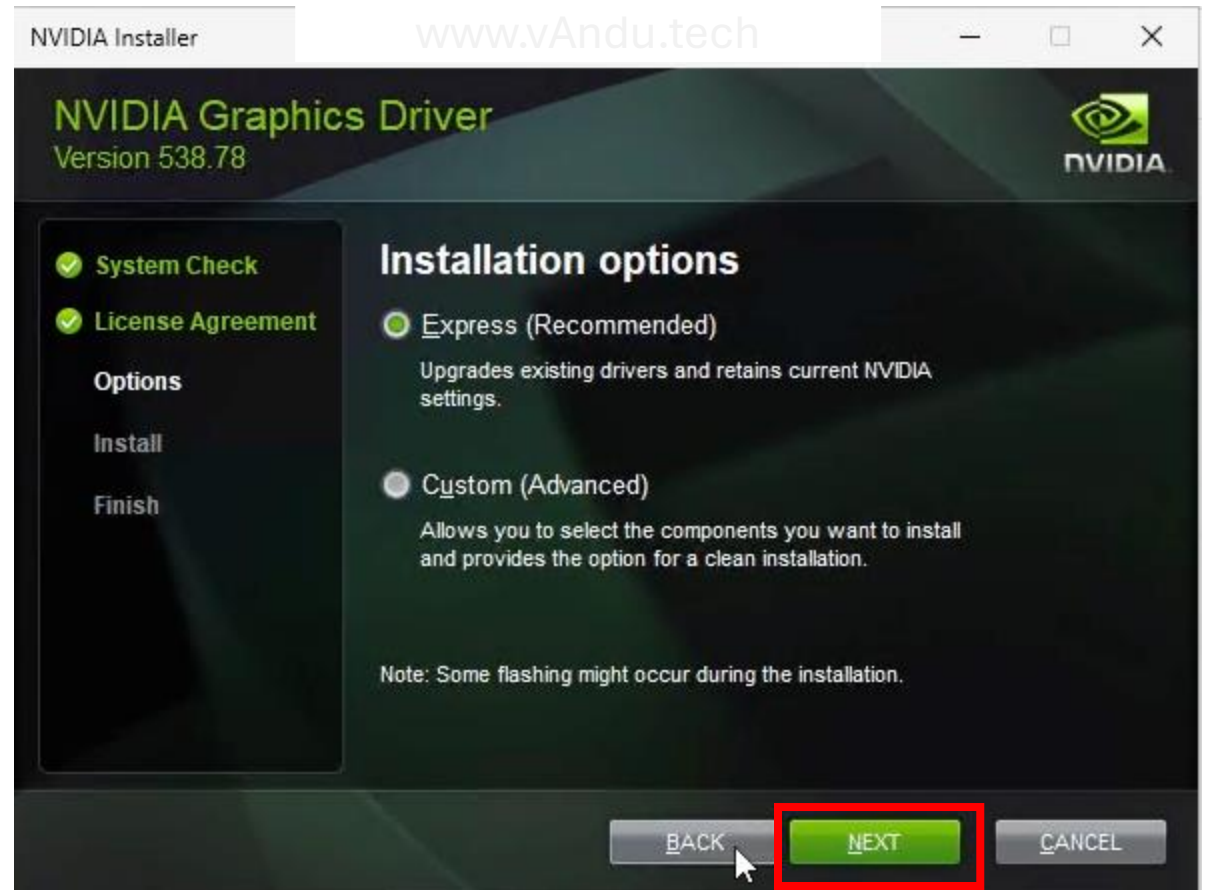
Sort View

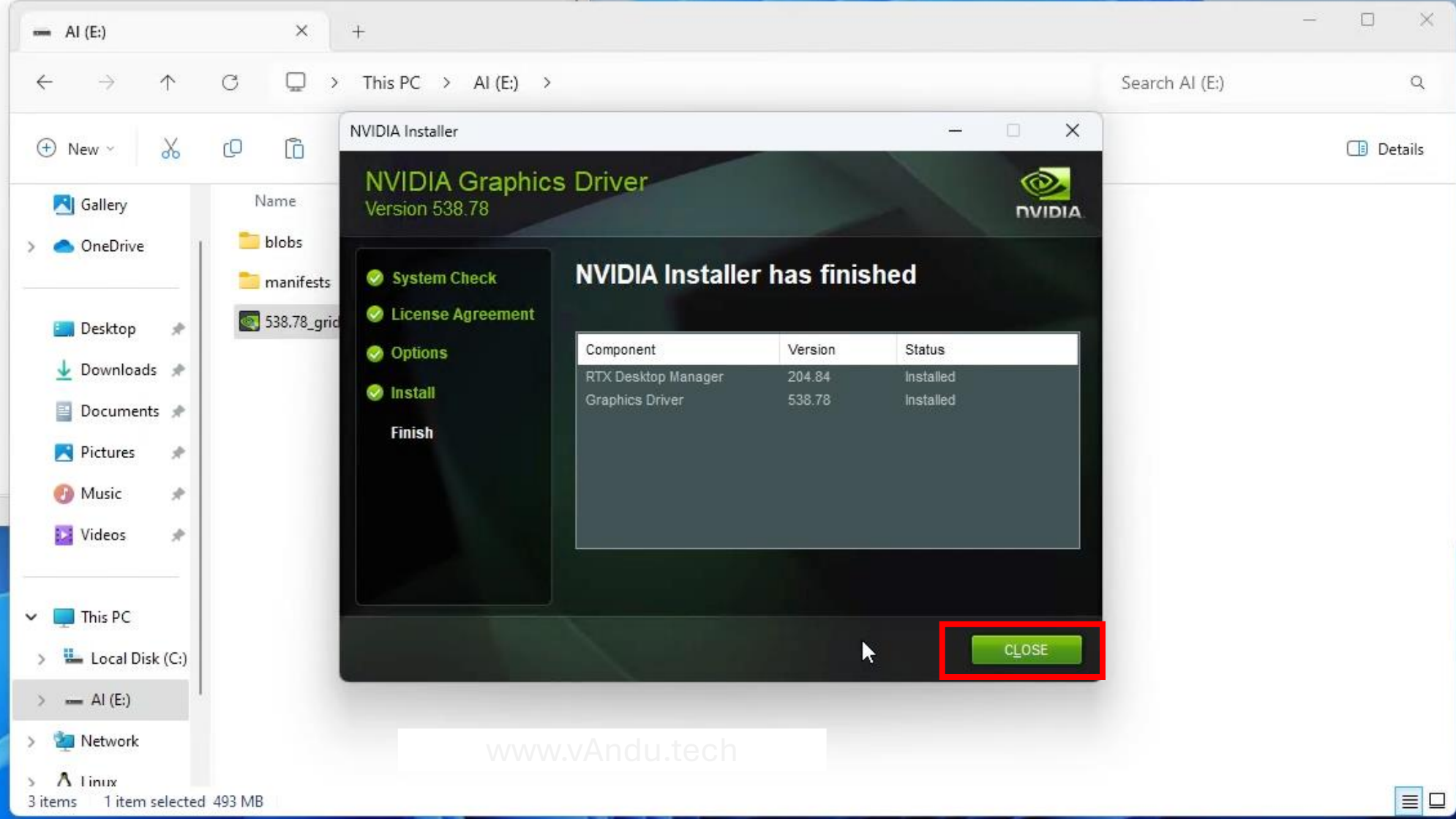
Details

Name	Date modified	Type	Size
blobs	7/26/2024 7:00 PM	File folder	
manifests	7/26/2024 5:22 PM	File folder	
538.78_grid_win10_wir..._server2019_serv...	7/11/2024 11:53 PM	Application	505,832 KB

3 items | 1 item selected | 493 MB

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NVIDIA Graphics Driver Version 538.78

NVIDIA Installer has finished

- ✔ System Check
- ✔ License Agreement
- ✔ Options
- ✔ Install

Finish

Component	Version	Status
RTX Desktop Manager	204.84	Installed
Graphics Driver	538.78	Installed

CLOSE

Component	Version	Status
RTX Desktop Manager	204.84	Installed
Graphics Driver	538.78	Installed

- 🏠 DASHBOARD
- 📄 SERVICE INSTANCE
- 📅 EVENTS
- 📄 LEASES
- 📊 METRICS
- ⚙️ SETTINGS
- 🔧 MAINTENANCE
- 🔍 SUPPORT

License Server Details 🔗 Help?

View details and manage the installed license server

📄 vAndu_DLS is **ENABLED**

Status: **ENABLED** Type: **NVIDIA** Created: Jul 12, 2024 4:12 AM Modified: Jul 12, 2024 4:12 AM

Service Instance: [HomeLab GPU](#) **DLS** Non-Persistent desktop pools: **Disabled** Install Status: **INSTALLED** Leasing Mode: **Standard Networked Licensing**

Description: Scope Reference: **www.vAndu.tech**

- Overview**
- Server Features
- Leases

ABOUT THIS SERVER

📄 License server GPUServer is enabled and will serve leases, you can not make changes while the server is enabled 🛑 DISABLE SERVER

- 🔄 REFRESH
- 🛑 **ACTIONS**
- 🛑 Disable
- 🔧 Manage Features
- ↑ Update server from NIP
- 🔑 **Generate client config token**
- ⚙️ Settings

Generate Client Configuration Token

www.vAndu.tech



Create a configuration token for client access to server resources

The client configuration token will include the selected addresses, which the clients will use to establish a connection with the license server.

Address Type ^

Primary Node

FQDN (not available) IPv6 (not assigned) IPv4 (10.2.2.102)

Port Number ^

Selected port number will be used by the licensing clients to connect to the license server for leasing operations

443 8082

Expiration ∨

Scope reference (1) selected ∨

Fulfillment reference (Optional) ∨

Generate Client Configuration Token

Create a configuration token for client access to server resources

<< < (1 - 1 of 1 scope references) 1 of 1 pages > >>

Fulfillment reference (Optional)

🔍 Search class references



CONDITION NAME 🔍 ⬮

SERVER NAME 🔍 ⬮

REFERENCE 🔍 ⬮



No class references found
www.vAndu.tech



DOWNLOAD CLIENT CONFIGURATION TOKEN

Recycle Bin

vSphere - MS_Office - Summary X DLS - Dashboard X +

https://10.2.2.101

Downloads

File Home Share View

Pin to Quick access Copy Paste Cut Copy path Move to Copy to Delete Rename New folder Easy access Properties Edit Select all Select none Invert selection

Clipboard Organize New Open Select

Name Date modified Type Size

Name	Date modified	Type	Size
client_configuration_token_08-11-2024-07-23-57.tok	8/11/2024		

12 items 1 item selected 2.62 KB

COLLAPSE

10.2.2.51 - Remote Desktop Connection

ClientConfigToken

AI (E)

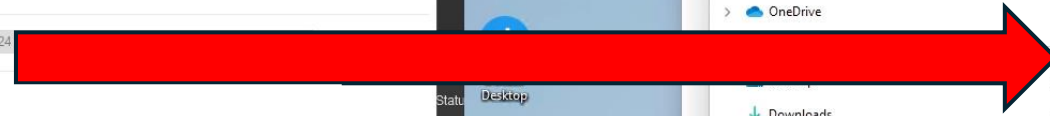
This PC > AI (E) >

Name	Date modified	Type	Size
blobs	7/26/2024 7:00 PM	File folder	
manifests	7/26/2024 5:22 PM	File folder	
538.78_grid_win10_win11_server2019_serv...	7/11/2024 11:53 PM	Application	505,832 KB
client_configuration_token_08-11-2024-0...	8/11/2024 7:23 AM	TOK File	3 KB

4 items 1 item selected 2.62 KB

Light rain At night

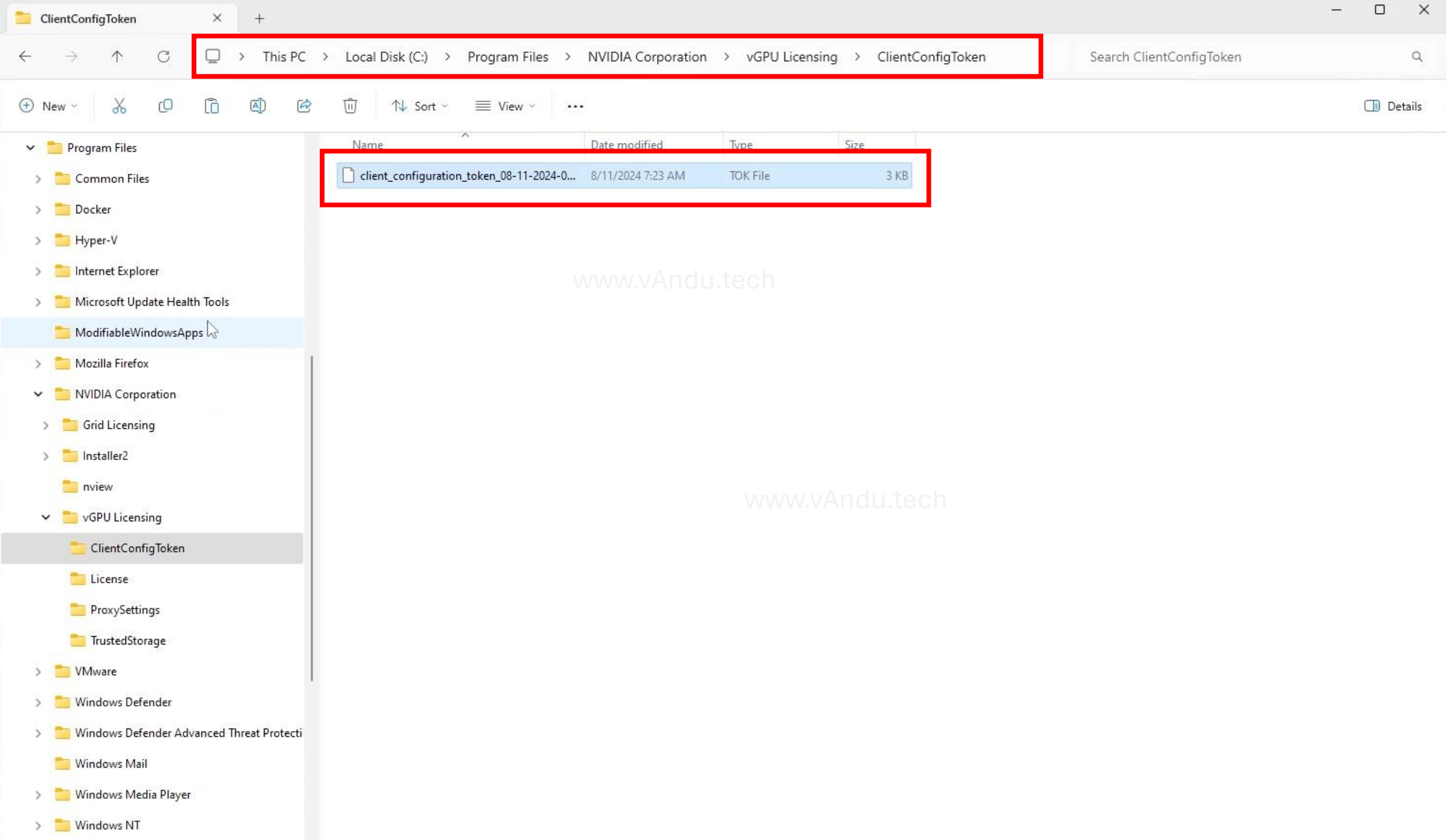
Search



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Select a Task...

- 3D Settings
 - Adjust image settings with preview
 - Manage 3D settings
- Licensing
 - Manage License



Manage License

You can enable additional features by applying a license.

www.vAndu.tech

License Edition:

Your system is licensed for NVIDIA Virtual Applications, expiring at 2024-8-12 11:37:31 GMT.

License Server Details

Primary Server Address:

Port Number:

Secondary Server Address:

Port Number:

Description:

www.vAndu.tech