

## Module deployment

### 1) Install Git

[Install Git](#)

### 2) Clone project to your local repository.

PS> git clone <https://github.com/avid-technology/VideoEditorialInTheCloud.git>

### 3) Install Azure CLI / Login to your subscription.

[Install Azure CLI](#)

PS> az login

### 4) Create One Resource Group within your subscription:

PS> az group create --location xxxx --name xxxx

*Example: ps> az group create --location "westus2" --name "myresourcegroup"*

### 5) Create One Vnet and One subnet within your Resource Group:

PS> az network vnet create --name xxx --resource-group xxx --address-prefix x.x.x.x/xx --subnet-name xxx --subnet-prefix x.x.x.x/xx

*Example: ps> az network vnet create --name "myvnet" --resource-group "myresourcegroup" --address-prefix 10.0.0.0/16 --subnet-name "mysubnet1" --subnet-prefix 10.0.0.0/24*

### 6) Choose a file transfer accelerator module:

Module	Supported Version	Code
Signiant	- Signiant SDCX Server v3.3.2 - Avid NEXIS Client v2020.7.3	<i>az deployment group create --name xxx --resource-group xxxx --template-file</i>

		<code>".\signiant\signiantazuredeploy.json" --parameters</code> <code>".\signiant\signiantazuredeploy.parameters.json"</code>
FileCatalyst	<ul style="list-style-type: none"> <li>- FileCatalyst v3.8.1</li> <li>- Avid NEXIS Client v2020.7.3</li> </ul>	<code>az deployment group create --name xxx --resource-group xxxx --template-file</code> <code>".\filecatalyst\filecatalystazuredeploy.json" --parameters</code> <code>".\filecatalyst\filecatalystazuredeploy.parameters.json"</code>
Aspera	<ul style="list-style-type: none"> <li>- Aspera HSTS v3.9.6</li> <li>- Avid NEXIS Client v2020.7.3</li> </ul>	<code>az deployment group create --name xxx --resource-group xxxx --template-file</code> <code>".\aspera\asperaazuredeploy.json" --parameters</code> <code>".\aspera\asperaazuredeploy.parameters.json"</code>

Example: `ps> az deployment group create --name "SigniantTestDeployment" --resource-group "myresourcegroup" --template-file ".\signiant\signiantazuredeploy.json" --parameters ".\signiant\signiantazuredeploy.parameters.json"`

Example: `ps> az deployment group create --name "FileCatalystTestDeployment" --resource-group "myresourcegroup" --template-file ".\filecatalyst\filecatalystazuredeploy.json" --parameters ".\filecatalyst\filecatalystazuredeploy.parameters.json"`

Example: `ps> az deployment group create --name "AsperaTestDeployment" --resource-group "myresourcegroup" --template-file ".\aspera\asperaazuredeploy.json" --parameters ".\aspera\asperaazuredeploy.parameters.json"`

## 7) Choose a Media Composer module depending on the version and GPU selected.

Module	Supported Version	Code
Media Composer Nvidia	<ul style="list-style-type: none"> <li>- Media_Composer 2018.12.13, 2019.12, 2020.9</li> <li>- PCoIP Agent 20.10.1</li> <li>- Nvidia 442.06 grid</li> <li>- Avid NEXIS Client v2020.7.3</li> </ul>	<code>az deployment group create --name "xxx" --resource-group "xxxx" --template-file</code> <code>".\mediacomposer\mediacomposerazuredeploy.json" --parameters "xxxx"</code>
Media Composer AMD	<ul style="list-style-type: none"> <li>- Media_Composer 2018.12.13, 2019.12, 2020.9</li> <li>- PCoIP Agent 20.10.1</li> <li>- Radeon-Pro-Software-for-Enterprise-GA.exe</li> <li>- Avid NEXIS Client v2020.7.3</li> </ul>	<code>az deployment group create --name "xxx" --resource-group "xxxx" --template-file</code> <code>".\mediacomposer\mediacomposerazuredeploy_AMD.json" --parameters "xxxx"</code>

Example: `ps> az deployment group create --name "MCTestDeployment" --resource-group "myresourcegroup" --template-file ".\mediacomposer\mediacomposerazuredeploy.json" --parameters ".\mediacomposer\mediacomposerazuredeploynvidia.parameters.json"`

Example: `ps> az deployment group create --name "MCTestDeployment" --resource-group "myresourcegroup" --template-file ".\mediacomposer\mediacomposerazuredeploy.json" --parameters ".\mediacomposer\mediacomposerazuredeployamd.parameters.json"`

**8) If you need to duplicate Media Composer environment, follow the instructions below:**

- a) Create a snapshot of the main os disk.

[create snapshot](#)

- b) Run script to duplicate snapshot x time.

[duplicate snapshot script](#)

PS> .\create\_disk\_from\_snapshot.ps1

- c) Run script to create media composer VM from snapshot:

PS> `az deployment group create --name "xxx" --resource-group "xxxx" --template-file ".\mediacomposer\mediacomposercloning.json" --parameters "xxxx"`

**9) Deploy One Cloud Nexis storage module.**

Module	Supported Version	ARM Template link
Nexis	Avid Nexis Cloud 20.7.0	<code>az deployment group create --name "xxxx" --resource-group "xxxx" --template-file ".\nexis\nexisazuredeploy.json" --parameters ".\nexis\nexisazuredeploy.parameters.json"</code>

Example: `ps> az deployment group create --name "NexisTestDeployment" --resource-group "myresourcegroup" --template-file ".\nexis\nexisazuredeploy.json" --parameters ".\nexis\nexisazuredeploy.parameters.json"`

## Addendum

To list all locations available:

```
PS> az account list-locations -o table
```