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[illegible] (SDN) [illegible] Software Defined Networking [illegible] [illegible] 2019 [illegible].

[illegible] SDK [illegible] 2016 [illegible] micro-segmentation [illegible] **SDN** Express [illegible] (Windows Admin Center) [illegible].

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[illegible] server admin [illegible] network admin [illegible]:

1. [illegible]
2. [illegible].

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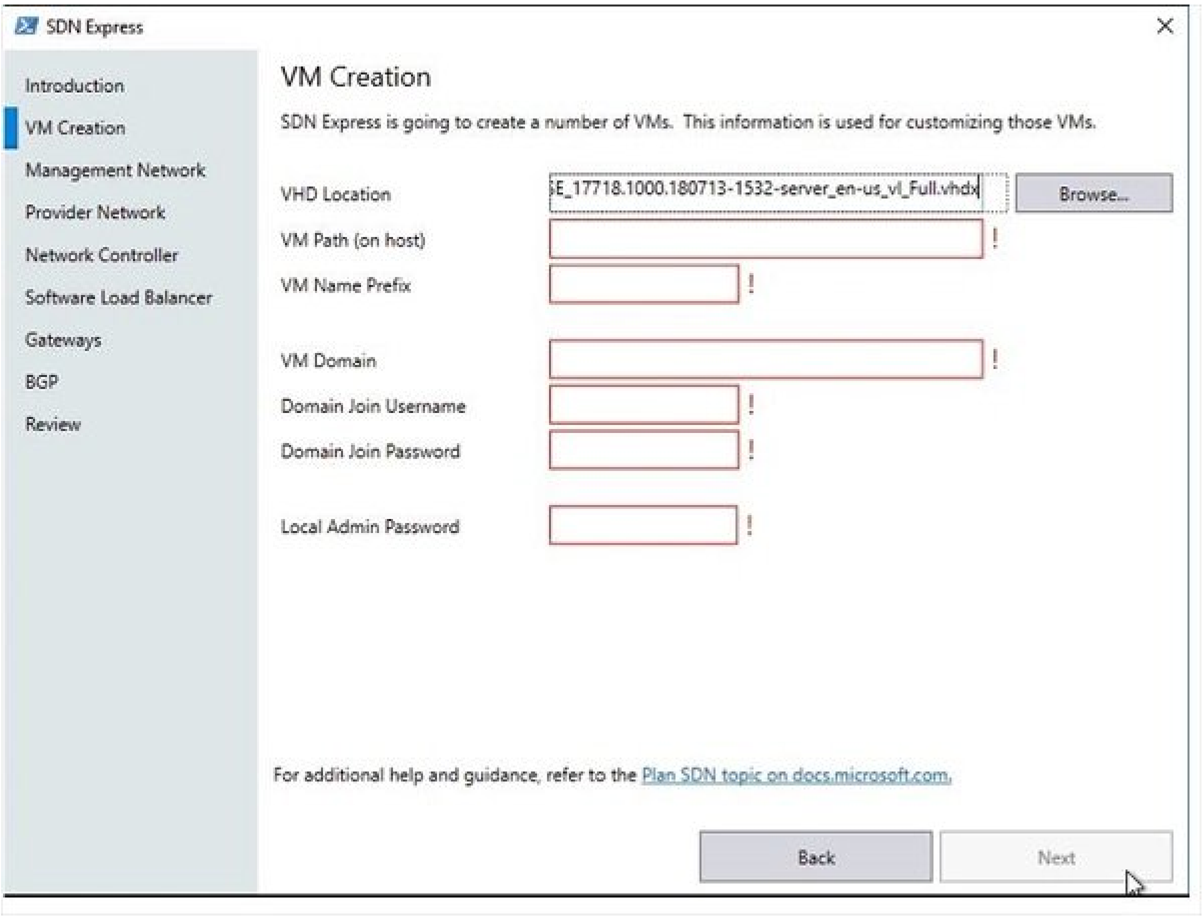
[illegible]. [illegible] SCVMM [illegible] System Center Virtual Machine Manager [illegible] VMM [illegible] Virtual Machine Manager [illegible] VMM [illegible]. [illegible] SCVMM [illegible]: [illegible] SCVMM [illegible] SDN Express VMM [illegible]. **SDN** Express [illegible]. [illegible]. [illegible] SDN Express [illegible] wizard [illegible]. [illegible]. [illegible]. [illegible] **SDN** Express [illegible] 75[illegible].



SDN Express

VM Creation

SDN Express is going to create a number of VMs. This information is used for customizing those VMs.

VHD Location: E_17718.1000.180713-1532-server_en-us_vl_Full.vhdx

VM Path (on host)

VM Name Prefix

VM Domain

Domain Join Username

Domain Join Password

Local Admin Password

For additional help and guidance, refer to the Plan SDN topic on docs.microsoft.com.

[illegible] SDN Express PowerShell

[illegible]. [illegible] 2019 [illegible] SDN Express PowerShell [illegible]. [illegible] Load Balancers [illegible] Hyper-V [illegible] Gateways [illegible]. [illegible] Hyper-V [illegible]. [illegible] Hyper-V [illegible].

```
import-module .\SDNExpressModule.psm1
$restname = ‘SDN.CONTOSO.COM’
$rootcerts = get-childitem “cert:\localmachine\root”
$hostcert = $rootcerts | ? {$_.Subject -eq “CN=$restname”}
Add-SDNExpressHost -ComputerName ‘Host5’ -RestName $restname -HostPASubnetPrefix
‘10.0.0.0/24’ -NCHostCert $hostcert -Credential (get-credential)
```

[illegible] **SDN Express** [illegible] 45 [illegible]. [illegible] SDN Express [illegible] Windows Admin Center [illegible].

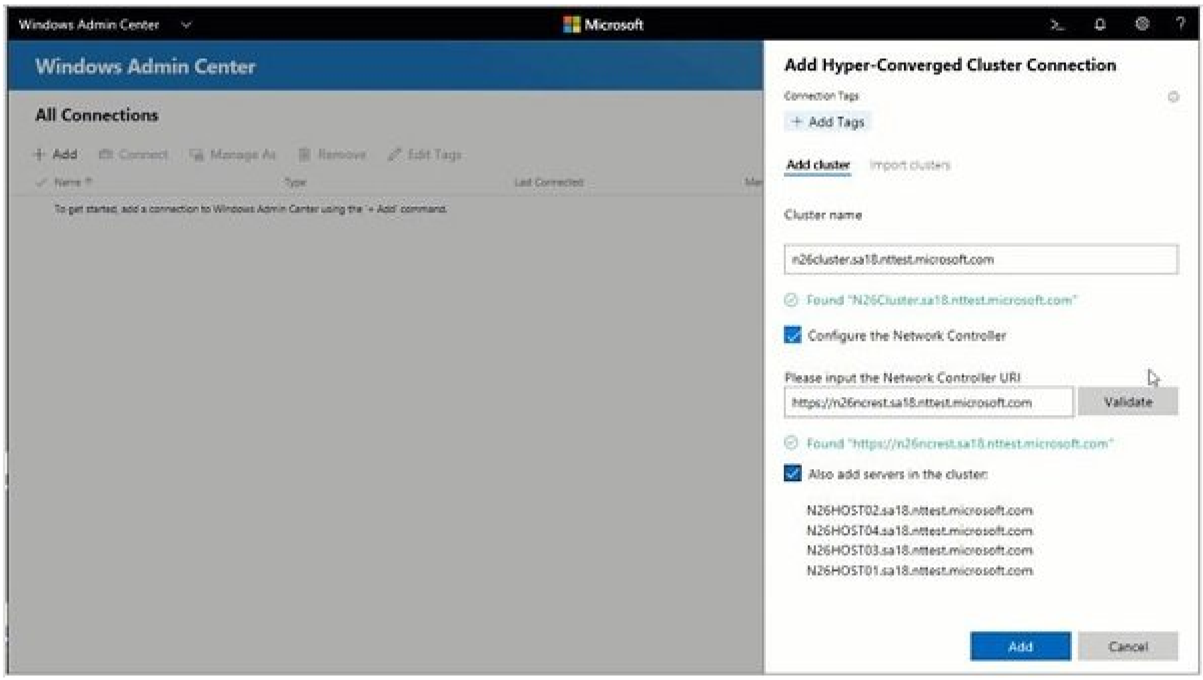
SDN Express [illegible] Microsoft SDN [illegible]. [illegible] **SDN** [illegible] SDNExpress / scripts [illegible] SDNExpress.ps1 [illegible] 2016 [illegible] 2019 [illegible].

[illegible] Windows Admin Center

[illegible] 10 [illegible] 6 [illegible] 25000 [illegible].

[illegible] Windows Admin Center [illegible]

[illegible] (Hyper-Converged Cluster) [illegible] (Windows Admin Center) [illegible].



To get started, add a connection to Windows Admin Center using the '+ Add' command.

Add Hyper-Converged Cluster Connection

Cluster name: n26cluster.sa18.nttest.microsoft.com

Found "N26Cluster.sa18.nttest.microsoft.com"

☑ Configure the Network Controller

Please input the Network Controller URI: https://n26ncrest.sa18.nttest.microsoft.com

Found "https://n26ncrest.sa18.nttest.microsoft.com"

☑ Also add servers in the cluster:

N26HOST02.sa18.nttest.microsoft.com
N26HOST04.sa18.nttest.microsoft.com
N26HOST03.sa18.nttest.microsoft.com
N26HOST01.sa18.nttest.microsoft.com

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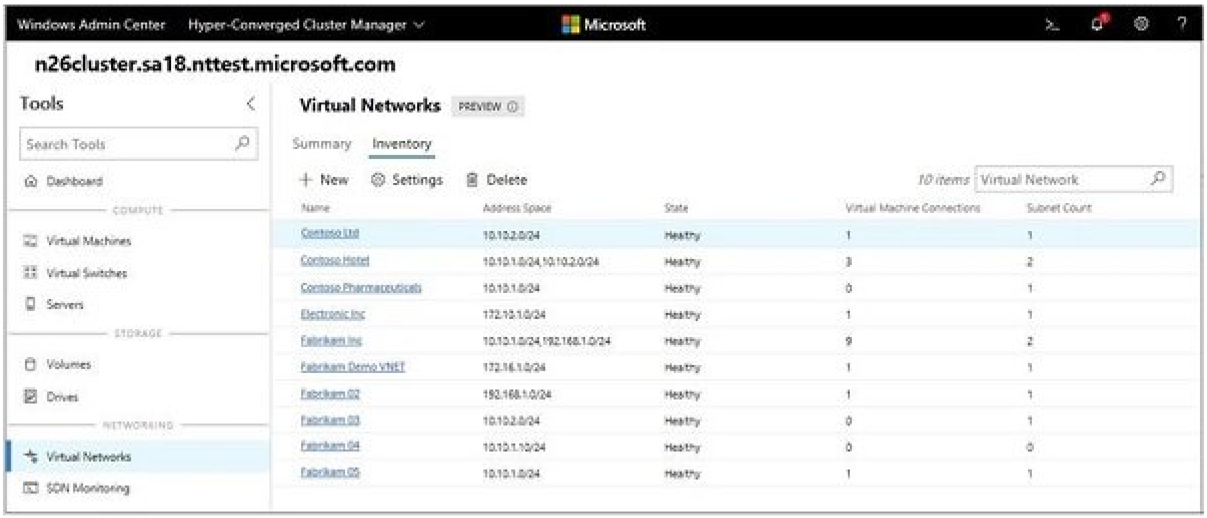

n26cluster.sa18.nttest.microsoft.com

Virtual Networks

10 items Virtual Network

Name	Address Space	State	Virtual Machine Connections	Subnet Count
Contoso Ltd	10.10.2.0/24	Healthy	1	1
Contoso Hotel	10.10.1.0/24,10.10.2.0/24	Healthy	3	2
Contoso Pharmaceuticals	10.10.1.0/24	Healthy	0	1
Electronic Inc	172.10.1.0/24	Healthy	1	1
Fabrikam Inc	10.10.1.0/24,192.168.1.0/24	Healthy	9	2
Fabrikam Demo VNET	172.16.1.0/24	Healthy	1	1
Fabrikam 02	192.168.1.0/24	Healthy	1	1
Fabrikam 03	10.10.2.0/24	Healthy	0	1
Fabrikam 04	10.10.1.10/24	Healthy	0	0
Fabrikam 05	10.10.1.0/24	Healthy	1	1

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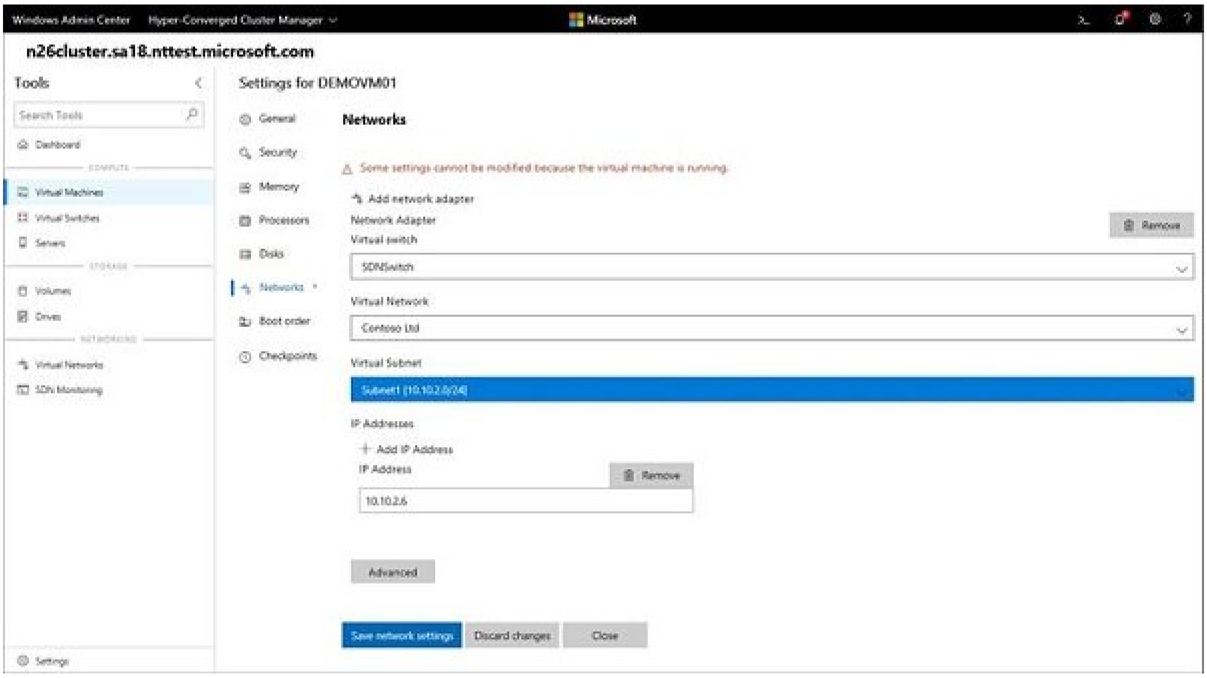

n26cluster.sa18.nttest.microsoft.com

Settings for DEMOVM01

Networks

Some settings cannot be modified because the virtual machine is running.

Network Adapter

Virtual switch: SDNSwitch

Virtual Network: Contoso Ltd

Virtual Subnet: Subnet1 (10.10.2.0/24)

IP Addresses

IP Address: 10.10.2.6

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[illegible] 2019 [illegible]

SDN Monitoring [illegible]

[illegible] Hyper-V [illegible] Load Balancer [illegible] Software Load Balancer [illegible] (VIP) [illegible] Virtual Ip [illegible] At Risk [illegible] Gateway pools [illegible]

[illegible]

[illegible] **SDN** Express [illegible] Windows Admin Center [illegible] 2019 [illegible]

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