

Readme Import-SCNetworkConfig.ps1

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Network Type “No Isolation”

Supported columns for “No Isolation” with examples:

- Network Type (Dropdown): No Isolation
- Logical Network Name: Management
- IP Subnet: 10.0.0.0/24
- VLAN ID: 0 (Can be empty. Because for No Isolation the script sets the VLAN ID to 0 and ignores the column VLAN ID)
- Network Site Name: Seattle
- Hostgroup: Site A or Site A,Site B
- Static IP Pool (Dropdown): Yes or No (If Yes is selected the columns Gateway, DNS Server and DNS Suffix must be filled. If required the column Reservation can be filled.)
- Gateway: 10.0.0.254
- DNS Server: 10.0.0.1 or 10.0.0.1,10.0.0.2
- DNS Suffix: domain.local
- Reservation: 10.0.0.254 or 10.0.0.1, 10.0.0.2 or 10.0.0.1-10.0.0.10
- VM Network Name: Management-Seattle

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Network Type	Logical Network Name	IP Subnet	VLAN ID	Network Site Name	Hostgroup	Static IP Pool	Gateway / DNS	Gateway	DNS Server	DNS Suffix	Reservation	VM Network Name	VM Network IP Subnet	VM Network DNS Server
2	No Isolation	Management	10.0.0.0/24	0	Seattle	Site A,Site B	Yes		10.0.0.254	10.0.0.1,10.0.0.2	domain.local	10.0.0.254	Management-Seattle		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Network Type	Logical Network Name	IP Subnet	VLAN ID	Network Site Name	Hostgroup	Static IP Pool	Gateway / DNS	Gateway	DNS Server	DNS Suffix	Reservation	VM Network Name	VM Network IP Subnet	VM Network DNS Server
2	No Isolation	Management	10.0.0.0/24	0	Seattle	Site A,Site B	No						Management-Seattle		

Network Type “VLAN”

Supported columns for “VLAN” with examples:

- Network Type (Dropdown): VLAN
- Logical Network Name: Management
- IP Subnet: 10.0.0.0/24
- VLAN ID: 11
- Network Site Name: Seattle
- Hostgroup: Site A or Site A,Site B
- Static IP Pool (Dropdown): Yes or No
- Gateway / DNS (Dropdown): Yes or No (If Yes is selected the columns Gateway, DNS Server and DNS Suffix must be filled.)
- Gateway: 10.0.0.254
- DNS Server: 10.0.0.1 or 10.0.0.1,10.0.0.2
- DNS Suffix: domain.local
- Reservation: 10.0.0.254 or 10.0.0.1, 10.0.0.2 or 10.0.0.1-10.0.0.10
- VM Network Name: Management-Seattle

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Network Type	Logical Network Name	IP Subnet	VLAN ID	Network Site Name	Hostgroup	Static IP Pool	Gateway / DNS	Gateway	DNS Server	DNS Suffix	Reservation	VM Network Name	VM Network IP Subnet	VM Network DNS Server
2	VLAN	Management	10.0.0.0/24	11	Seattle	Site A,Site B	Yes	Yes	10.0.0.254	10.0.0.1,10.0.0.2	domain.local	10.0.0.254	Management-Seattle		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Network Type	Logical Network Name	IP Subnet	VLAN ID	Network Site Name	Hostgroup	Static IP Pool	Gateway / DNS	Gateway	DNS Server	DNS Suffix	Reservation	VM Network Name	VM Network IP Subnet	VM Network DNS Server
2	VLAN	Management	10.0.0.0/24	11	Seattle	Site A,Site B	Yes	No					Management-Seattle		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Network Type	Logical Network Name	IP Subnet	VLAN ID	Network Site Name	Hostgroup	Static IP Pool	Gateway / DNS	Gateway	DNS Server	DNS Suffix	Reservation	VM Network Name	VM Network IP Subnet	VM Network DNS Server
2	VLAN	Management	10.0.0.0/24	11	Seattle	Site A,Site B	No						Management-Seattle		

Network Type “NVGRE”

Supported columns for “NVGRE” with examples:

- Network Type (Dropdown): NVGRE
- Logical Network Name: Provider_Address_Space
- IP Subnet: 10.0.0.0/24
- VLAN ID: 25 (If column is empty VLAN ID will be set to 0)
- Network Site Name: Seattle
- Hostgroup: Site A or Site A,Site B
- Static IP Pool (Dropdown): Yes or No (No is possible but makes no sense because you need the Static IP Pool for the Provider Address Space)
- VM Network Name: Customer_Address_Space
- VM Network IP Subnet: 192.168.0.0/24
- VM Network DNS Server: 192.168.0.1 or 192.168.0.1,192.168.0.2

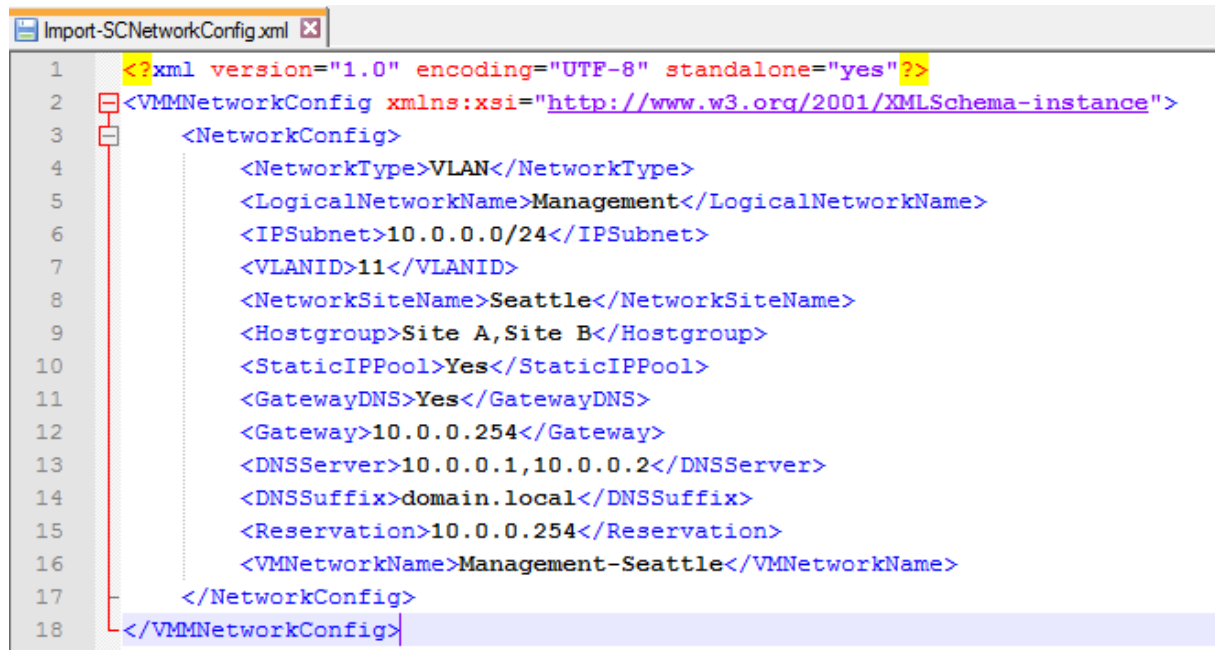
VM Network Name, VM Network IP Subnet and VM Network DNS Server are essential for the creation of the Customer Address Space.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Network Type	Logical Network Name	IP Subnet	VLAN ID	Network Site Name	Hostgroup	Static IP Pool	Gateway / DNS	Gateway	DNS Server	DNS Suffix	Reservation	VM Network Name	VM Network IP Subnet	VM Network DNS Server
2	NVGRE	Provider_Address_Space	10.0.0.0/24	25	Seattle	Site A,Site B	Yes						Customer_Address_Space	192.168.0.0/24	192.168.0.1,192.168.0.2

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Network Type	Logical Network Name	IP Subnet	VLAN ID	Network Site Name	Hostgroup	Static IP Pool	Gateway / DNS	Gateway	DNS Server	DNS Suffix	Reservation	VM Network Name	VM Network IP Subnet	VM Network DNS Server
2	NVGRE	Provider_Address_Space	10.0.0.0/24		Seattle	Site A,Site B	Yes						Customer_Address_Space	192.168.0.0/24	192.168.0.1,192.168.0.2

Export to XML

Before you can run Import-SCNetworkConfig export the data into a xml file.



```
1 <?xml version="1.0" encoding="UTF-8" standalone="yes"?>
2 <VMMNetworkConfig xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
3   <NetworkConfig>
4     <NetworkType>VLAN</NetworkType>
5     <LogicalNetworkName>Management</LogicalNetworkName>
6     <IPSubnet>10.0.0.0/24</IPSubnet>
7     <VLANID>11</VLANID>
8     <NetworkSiteName>Seattle</NetworkSiteName>
9     <Hostgroup>Site A,Site B</Hostgroup>
10    <StaticIPPool>Yes</StaticIPPool>
11    <GatewayDNS>Yes</GatewayDNS>
12    <Gateway>10.0.0.254</Gateway>
13    <DNSServer>10.0.0.1,10.0.0.2</DNSServer>
14    <DNSSuffix>domain.local</DNSSuffix>
15    <Reservation>10.0.0.254</Reservation>
16    <VMNetworkName>Management-Seattle</VMNetworkName>
17  </NetworkConfig>
18 </VMMNetworkConfig>
```

Feedback

If you have feature requests or would like to provide general feedback reach out to me on Twitter.