

# Sample to perform Networking related operations on VM NICs

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Usage:

```
java VMNetworkingOps <server> <username> <password> <vmName> <print|add|change> <portGroupName> <adpaterType|vmNicNames>
```

Case 1:

Print the VMNic details (name, and the port group it is connected to)

Input:

```
https://10.20.140.47/sdk root password vMATemplate_vMAClone1 print
```

Output:

VM Name: vMATemplate\_vMAClone1

MOR Type : VirtualMachine

ObjectContent Length : 1

config.hardware : com.vmware.vim25.VirtualHardware@98f2c13f

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vmnic Info (Label) : Network adapter 1

vmnic Port Group: VM Network

vmnic Info (Label) : Network adapter 2

vmnic Port Group: VM Network

vmnic Info (Label) : Network adapter 3

vmnic Port Group: PGroup1

vmnic Info (Label) : Network adapter 4

vmnic Port Group: PGroup1

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Case 2:

Change the vmnic port group

Input:

```
https://10.20.140.47/sdk root password vMATemplate_vMAClone1 change "Network adapter 3,Network adapter 4" "VM Network"
```

Output:

VM Name: vMATemplate\_vMAClone1

vmnic adapters: Network adapter 3

vmnic adapters: Network adapter 4

MOR Type : VirtualMachine

Sample to perform Networking related operations on VM NICs

ObjectContent Length : 1

config.hardware : com.vmware.vim25.VirtualHardware@98f2c13f

vmnic Info (Label) : Network adapter 1

vmnic Info (Label) : Network adapter 2

vmnic Info (Label) : Network adapter 3

vmnic Info (Label) : Network adapter 4

Success: VM Reconfiguration

Successfully changed the portgroup for the vmnic adapters

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Case 3:

Print the VMNics details (name, and the port group it is connected to)

Input:

<https://10.20.140.47/sdk> root password vMTemplate\_vMAClone1 print

Output:

VM Name: vMTemplate\_vMAClone1

MOR Type : VirtualMachine

ObjectContent Length : 1

config.hardware : com.vmware.vim25.VirtualHardware@54a1587f

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vmnic Info (Label) : Network adapter 1

vmnic Port Group: VM Network

vmnic Info (Label) : Network adapter 2

vmnic Port Group: VM Network

vmnic Info (Label) : Network adapter 3

vmnic Port Group: VM Network

vmnic Info (Label) : Network adapter 4

vmnic Port Group: VM Network

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Case 4:

Add vmnic to a VM, and assign it to the given port group

Input:

<https://10.20.140.47/sdk> root password vMTemplate\_vMAClone1 add e1000 PGroup1

Output:

VM Name: vMTemplate\_vMAClone1

Sample to perform Networking related operations on VM NICs

MOR Type : VirtualMachine

Success: VM Reconfiguration

Successfully added a vmnic adapter to the VM

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Case 5:

Print the VMNic details (name, and the port group it is connected to)

Input:

<https://10.20.140.47/sdk> root password vMATemplate\_vMAClone1 print

Output:

VM Name: vMATemplate\_vMAClone1

MOR Type : VirtualMachine

ObjectContent Length : 1

config.hardware : com.vmware.vim25.VirtualHardware@ee6e956

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vmnic Info (Label) : Network adapter 1

vmnic Port Group: VM Network

vmnic Info (Label) : Network adapter 2

vmnic Port Group: VM Network

vmnic Info (Label) : Network adapter 3

vmnic Port Group: VM Network

vmnic Info (Label) : Network adapter 4

vmnic Port Group: VM Network

vmnic Info (Label) : Network adapter 5

vmnic Port Group: PGroup1

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Case 6:

Remove vmnic from a VM

Input:

<https://10.20.140.47/sdk> root password vMATemplate\_vMAClone1 remove "Network adapter 5"

Output:

VM Name: vMATemplate\_vMAClone1

MOR Type : VirtualMachine

ObjectContent Length : 1

config.hardware : com.vmware.vim25.VirtualHardware@54a1587f

Sample to perform Networking related operations on VM NICs

vmnic Info (Label) : Network adapter 1  
vmnic Info (Label) : Network adapter 2  
vmnic Info (Label) : Network adapter 3  
vmnic Info (Label) : Network adapter 4

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Case 7:

Print the VMNic details (name, and the port group it is connected to)

Input:

<https://10.20.140.47/sdk> root password vMATemplate\_vMAClone1 print

Output:

VM Name: vMATemplate\_vMAClone1  
MOR Type : VirtualMachine  
ObjectContent Length : 1  
config.hardware : com.vmware.vim25.VirtualHardware@54a1587f

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vmnic Info (Label) : Network adapter 1  
vmnic Port Group: VM Network  
  
vmnic Info (Label) : Network adapter 2  
vmnic Port Group: VM Network  
  
vmnic Info (Label) : Network adapter 3  
vmnic Port Group: VM Network  
  
vmnic Info (Label) : Network adapter 4  
vmnic Port Group: VM Network

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