

Hyper-V????? LBFO Teaming??

Windows Server 2025 + Hyper-V [] Hyper-V
[] LBFO Teaming [] NIC Teaming [] [] SET [] Switch
Embedded Teaming [] []

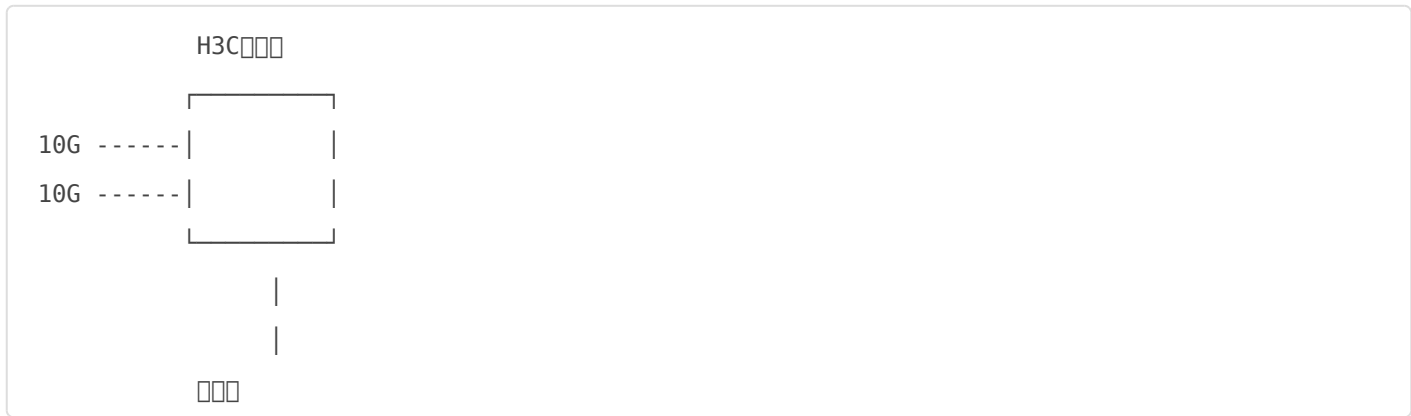
SET [] Hyper-V [] SDN [] VMQ [] VMMQ [] RDMA
[]

??SET ????

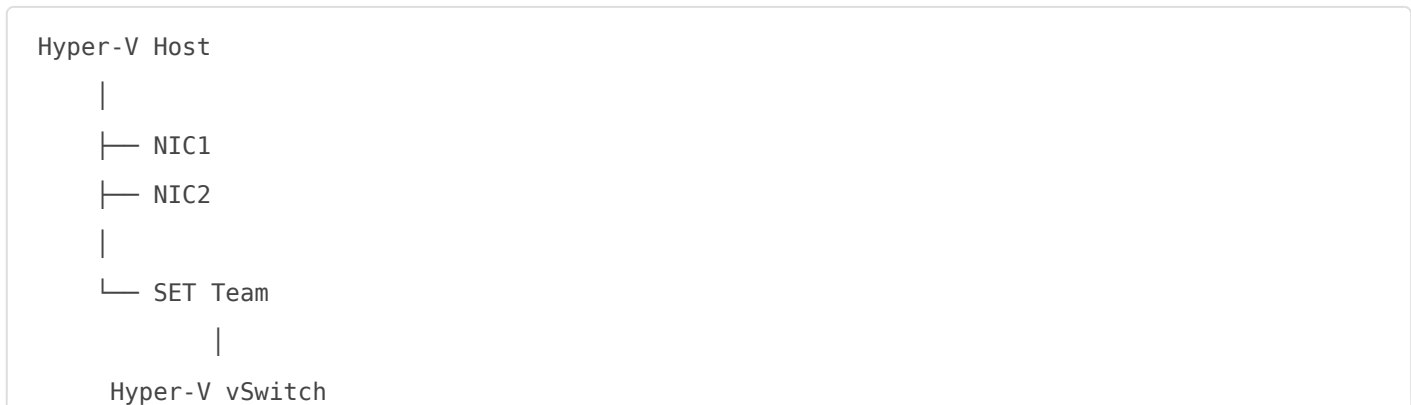
[]

```
Intel X710 Port1 10G
Intel X710 Port2 10G
```

[]



[]



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????????

PowerShell

```
Get-NetAdapter
```

□□

Name	Status	LinkSpeed
---	-----	-----
NIC1	Up	10 Gbps
NIC2	Up	10 Gbps

???? SET Team

Hyper-V □□□□□□□□ SET

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```
New-VMSwitch `
-Name "vSwitch-SET" `
-NetAdapterName "NIC1","NIC2" `
-AllowManagementOS $true `
-EnableEmbeddedTeaming $true
```

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```
-AllowManagementOS $true
```

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```
-EnableEmbeddedTeaming $true
```

☐☐ SET☐

☐☐☐☐☐

```
Get-VMSwitch
```

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Name	SwitchType
-----	-----
vSwitch-SET	External

???? SET ?????

☐☐ Team ☐☐

```
Get-VMSwitchTeam
```

☐☐☐

Name	NetAdapterInterfaceDescription
-----	-----
vSwitch-SET	NIC1
vSwitch-SET	NIC2

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```
Get-VMSwitchTeam
```

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```
Set-VMSwitchTeam `
-Name "vSwitch-SET" `
-LoadBalancingAlgorithm Dynamic
```

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Dynamic

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HyperVPort

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??????????IP

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vEthernet (vSwitch-SET)

☐☐☐

Get-NetAdapter

☐☐☐

vEthernet (vSwitch-SET)

☐☐ IP☐

```
New-NetIPAddress `
-InterfaceAlias "vEthernet (vSwitch-SET)" `
-IPAddress 192.168.1.10 `
-PrefixLength 24 `
-DefaultGateway 192.168.1.1
```

DNS☐

```
Set-DnsClientServerAddress `
-InterfaceAlias "vEthernet (vSwitch-SET)" `
-ServerAddresses 192.168.1.2,8.8.8.8
```

????? VLAN?????

?????? VLAN??

???

```
VLAN 10 ??  
VLAN 20 ???  
VLAN 30 ??
```

????????

```
Set-VMNetworkAdapterVlan `  
-ManagementOS `  
-VMNetworkAdapterName "vEthernet (vSwitch-SET)" `  
-Access `  
-VlanId 10
```

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??????

```
VM01  
VM02  
VM03  
...
```

?????

```
vSwitch-SET
```

???

?????????

?????? H3C ???????

??1??? Trunk????

□□□

```
Ten-GigabitEthernet1/0/1  
Ten-GigabitEthernet1/0/2
```

□□

```
port link-type trunk
```

□□

```
vlan 10  
vlan 20  
vlan 30
```

□□

??2?LACP ????????

SET □□ LACP□

□□□□□

```
Switch Independent
```

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□□□□□□

```
Bridge-Aggregation
```

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```
Get-NetAdapterAdvancedProperty
```



VMQ

```
Enable-NetAdapterVmq NIC1
```

```
Enable-NetAdapterVmq NIC2
```

RSS

```
Enable-NetAdapterRSS NIC1
```

```
Enable-NetAdapterRSS NIC2
```

Jumbo Frame

```
Set-NetAdapterAdvancedProperty `
```

```
-Name NIC1 `
```

```
-DisplayName "Jumbo Packet" `
```

```
-DisplayValue "9014 Bytes"
```

NIC2



MTU 9000

????????????



```
Windows Server 2025 Datacenter
```

```
Hyper-V
```

```
20+ VM
```

```
MySQL
```

