

VMware ESXi ? 6.5 ?????????? vSphere Client ?????????? Web ???

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**?? HBA ?? WWN**

?? Web ???????? HBA?? WWN????? ESX CLI ?????? SSH ?????? putty ?? ESX?????????

\$> esxcli storage core adapter list

vmhba2 qlnativefc link-up fc.500143803310b715:500143803310b714 Second Level Lun ID (0000:05:00.0) QLogic Corp ISP2532-based 8Gb Fibre Channel to PCI Express HBA  
vmhba3 qlnativefc link-up fc.500143803310fc51:500143803310fc50 Second Level Lun ID (0000:0b:00.0) QLogic Corp ISP2532-based 8Gb Fibre Channel to PCI Express HBA

TIP:

fc.5001...fc51:5001...fc50????????? WWN?

**FC Multipath ????**

???? LUN ???? multipath

?? Web UI ?????????? LUN ?????? nna.XXXXX

\$> esxcli storage nmp device list

naa.600a0b8000670e660000036a5a8e0ace  
Device Display Name: IBM Fibre Channel Disk (naa.600a0b8000670e660000036a5a8e0ace)  
Storage Array Type: VMW\_SATP\_LSI  
Storage Array Type Device Config: {action\_OnRetryErrors=off}  
Path Selection Policy: VMW\_PSP\_MRU  
Path Selection Policy Device Config: Current Path=vmhba3:C0:T0:L0  
Path Selection Policy Device Custom Config:  
Working Paths: vmhba3:C0:T0:L0  
Is USB: false

LUN name: 600a0b8000670e660000036a5a8e0ace

??????

\$> excl storage core path list -d naa.600a0b8000670e660000036a5a8e0ace

fc.500143803310fc51:500143803310fc50-fc.200400a0b8670e71:202400a0b8670e71-naa.600a0b8000670e660000036a5a8e0ace  
UID:  
fc.500143803310fc51:500143803310fc50-fc.200400a0b8670e71:202400a0b8670e71-naa.600a0b8000670e660000036a5a8e0ace  
Runtime Name: vmhba3:C0:T0:L0  
Device: naa.600a0b8000670e660000036a5a8e0ace  
Device Display Name: IBM Fibre Channel Disk (naa.600a0b8000670e660000036a5a8e0ace)  
Adapter: vmhba3 <=== HBA Card

Channel: 0  
Target: 0  
LUN: 0  
Plugin: NMP <=== Native Multipathing Plugin  
State: active <=== Primary Adapter  
Transport: fc  
Adapter Identifier: fc.500143803310fc51:500143803310fc50  
Target Identifier: fc.200400a0b8670e71:202400a0b8670e71  
Adapter Transport Details: WWNN: 50:01:43:80:33:10:fc:51 WWPN: 50:01:43:80:33:10:fc:50  
Target Transport Details: WWNN: 20:04:00:a0:b8:67:0e:71 WWPN: 20:24:00:a0:b8:67:0e:71  
Maximum IO Size: 33553920

fc.500143803310b715:500143803310b714-fc.200400a0b8670e71:202500a0b8670e71-naa.600a0b8000670e660000036a5a8e0ace

UID:

fc.500143803310b715:500143803310b714-fc.200400a0b8670e71:202500a0b8670e71-naa.600a0b8000670e660000036a5a8e0ace

Runtime Name: vmhba2:C0:T0:L0

Device: naa.600a0b8000670e660000036a5a8e0ace

Device Display Name: IBM Fibre Channel Disk (naa.600a0b8000670e660000036a5a8e0ace)

Adapter: vmhba2

Channel: 0

Target: 0

LUN: 0

Plugin: NMP

State: standby

Transport: fc

Adapter Identifier: fc.500143803310b715:500143803310b714

Target Identifier: fc.200400a0b8670e71:202500a0b8670e71

Adapter Transport Details: WWNN: 50:01:43:80:33:10:b7:15 WWPN: 50:01:43:80:33:10:b7:14

Target Transport Details: WWNN: 20:04:00:a0:b8:67:0e:71 WWPN: 20:25:00:a0:b8:67:0e:71

Maximum IO Size: 33553920