

Cisco NX-OS Cheat Sheet (6.x, 7.x, 9.x)

Checkpoint & Rollback	Show Hardware Inventory & Serial Number
<p>checkpoint <i>checkpoint_name</i></p> <p>show checkpoint summary</p> <p>show checkpoint <i>name</i></p> <p>checkpoint <i>name description description</i></p> <p>show diff rollback-patch checkpoint <i>name running-config</i></p> <p>rollback <i>running-config checkpoint name</i></p>	<p>Show hardware inventory with serial numbers:</p> <p>show inventory</p> <p>Detailed hardware inventory:</p> <p>show hardware</p> <p>Display the switch serial number:</p> <p>show srom backplane 1</p>
VDC Commands - Nexus 7K, 9K (9K Default VDC)	Environment Commands
<p>Show VDCs:</p> <p>show vdc</p> <p>Create VDC (7K Only):</p> <p>vdc <i>vdc-name</i></p> <p>Assign interfaces to a VDC: (within the VDC to which the interfaces will be allocated)</p> <p>vdc <i>vdc-name</i></p> <p>allocate interface ethernet <i>##</i></p> <p>View ports allocated to a VDC:</p> <p>show vdc <i>vdc-name membership</i></p> <p>Switch to within a VDC:</p> <p>switchto vdc <i>vdc-name</i></p> <p>switchback (use this command to exit the VDC)</p>	<p>Display environment:</p> <p>show environment</p> <p>Display temperature:</p> <p>show environment temperature</p> <p>Show fan environment:</p> <p>show environment fan</p> <p>Show power usage:</p> <p>show environment power</p> <p>Display system redundancy status:</p> <p>show system redundancy status</p> <p>Display CPU and Memory usage data:</p> <p>show system resources</p>
Module Commands - Nexus 7000 Only	
<p>Display the status of a module:</p> <p>show module <i>(#)</i></p> <p>Identify line card using LED:</p> <p>locator-led <i>module #</i></p> <p>no locator-led <i>module #</i></p> <p>Power off an I/O or Interface module:</p> <p>poweroff <i>module #</i></p> <p>no poweroff <i>module #</i> (use to restore power)</p> <p>Power off a Fabric module:</p> <p>poweroff xbar <i>#</i></p> <p>no poweroff xbar <i>#</i> (use to restore power)</p> <p>Shutdown a Fabric module (for removal only):</p> <p>out-of-service <i>xbar #</i></p>	<p>View the resources of a specific module:</p> <p>attach <i>module #</i></p> <p>show system resources</p> <p>exit (use this command to exit the module)</p> <p>Shutdown a supervisor module (for removal only):</p> <p>out-of-service <i>module #</i></p> <p>Power cycle a module:</p> <p>reload <i>module #</i></p> <p>Purge module config (module must be off or removed):</p> <p>purge <i>module # running-config</i></p> <p>Switch over to redundant supervisor module:</p> <p>system switchover</p>
vPC Commands	
<p style="text-align: center;">Interface Commands</p> <p>View the type of transceiver in a SFP port:</p> <p>show interface Ethernet <i>## transceiver</i></p> <p>Port Channel interfaces:</p> <p>show run interface port-channel <i># membership</i></p> <p>show lacp neighbor interface port-channel <i>#</i></p> <p>show port-channel <i>{usage, database, summary}</i> }</p> <p>Display all FEX units and their state, model, serial #:</p> <p>show fex</p> <p>show fex <i># detail</i> (FEX software version, port state)</p> <p>show fex <i># transceiver</i> (type, part number & serial #)</p> <p>Reset an interface config back to default settings:</p> <p>default interface Ethernet <i>##</i></p>	<p>Show global VPC status:</p> <p>show vpc</p> <p>show vpc brief</p> <p>Show VPC peer status, role, MAC address & priority:</p> <p>show vpc role</p> <p>Show VPC consistency checks (very useful command):</p> <p>show vpc consistency-parameters global</p>
Assorted Helpful Commands	
<p>show cli history unformatted</p> <p>show feature</p> <p>show vrf</p> <p>show boot</p> <p>dir bootflash://sup-active{sup-standby}/</p> <p>show interface status <i>module # inc connected</i></p>	<p>show license usage</p> <p>show HSRP or VRRP</p> <p>copy run tftp: vdc-all</p> <p>show system reset-reason</p>