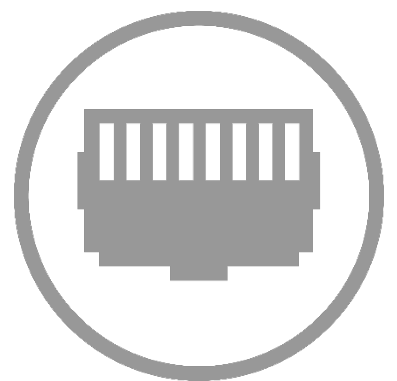




S3 Series

CLI Quick Reference



S3 Series Managed Switch Command Line Interface Quick Reference

Interface Commands

Show all interfaces:

```
show interface
```

Show specific interface details:

```
show interface eth1/10
```

Enter interface configuration mode:

```
configure terminal  
interface eth1/10
```

Configuration mode for multiple interfaces (", " "-"):

```
configure terminal  
interface range eth1/12-1/16,eth1/20
```

VLAN Commands:

Show all VLANs:

```
show vlan
```

Show VLAN details:

```
show vlan <vlan ID>
```

Create a new VLAN:

```
configure terminal  
vlan <vlan ID>
```

Set VLAN mode to Access on a Port and set the Native VLAN:

```
configure terminal  
interface eth1/10  
switchport mode access  
switchport access vlan 1000
```

Set VLAN mode to Hybrid on a Port, set allowed Tagged/Untagged VLANs, and set Native VLAN:

```
configure terminal  
interface eth1/10  
switchport mode hybrid
```

```
switchport hybrid allowed vlan add tagged 1000, 3000
switchport hybrid allowed vlan add untagged 2000
switchport hybrid native vlan 2000
```

Remove a VLAN from a port in Hybrid mode:

```
configure terminal
interface eth1/10
switchport hybrid allowed vlan remove 3000
```

Delete a VLAN:

```
configure terminal
no vlan <vlan ID>
```

System Maintenance:

Save running configuration to startup configuration:

```
copy running-config startup-config
```

Backup configuration to TFTP server:

```
copy running-config tftp:\\<IP ADDRESS>
```

Restore configuration file to switch from TFTP server:

```
copy tftp:\\<TFTP SERVER>\<filename.conf> startup-config
```

Factory Default Configurations:

```
copy factory-default running-config
```

Update Firmware from TFTP to bank1:

```
copy tftp:\\<TFTP SERVER>\<filename.img> bank1:\\<filename.img>
reboot
```

Pro AV Commands:

Enable AVB globally and on ports:

```
configure terminal
avb global
interface eth1/10
avb enable
```

Disable AVB globally and on ports:

```
configure terminal
no avb global
interface eth1/10
```

no avb enable

Enable Dante™ configuration on ports:

```
configure terminal  
interface eth1/10  
proav primary dante
```

Enable Q-LAN configuration on ports:

```
configure terminal  
interface eth1/10  
proav primary qlan
```

Enable Dante™ and Q-LAN simultaneous use configuration on ports:

```
configure terminal  
interface eth1/10  
proav primary dante secondary qlan
```

Disable Dante™ or Q-LAN configuration on ports:

```
configure terminal  
interface eth1/10  
no proav
```

Enable AVB and Dante or Q-LAN operation at the same time (not on the same ports):

First enable AVB globally and configure any ports to be used for AVB. Then configure ports to be used for Dante™ or Q-LAN. Configuring these after enabling AVB will automatically adjust the CoS mapping to account for the modifications required for AVB to function.

Show AVB talkers:

```
show msrp talker
```

Show AVB listeners:

```
show msrp listener
```

Show AVB timing information:

```
show gtp current  
show gtp parent  
show gtp interface eth1/10
```

Link Aggregation

Configure Link Aggregation on ports:

```
configure terminal
```

```
interface range eth1/4-1/5
channel-group 1 mode active
```

Remove Link Aggregation on ports:

```
configure terminal
interface range eth1/4-1/5
no channel-group
```

Port Mirroring

Configure Port Mirroring on ports:

```
configure terminal
monitor session 1 destination interface eth1/10
monitor session 1 source interface eth1/4-1/6
```

Remove Port Mirroring on ports:

```
configure terminal
no monitor session1 source interface eth1/4-1/6
no monitor session 1
```

Show monitor settings:

```
show monitor session
```

DHCP Server

Enable DHCP Server Globally:

```
configure terminal
service dhcp
```

Configure DHCP Server (example with 10.1.1.200 as VLAN interface):

```
configure terminal
ip dhcp pool pool1
ip address-list 10.1.1.1-10.1.1.250
no ip address-list 10.1.1.200
subnet-mask 255.0.0.0
default-router 10.1.1.200
dns-server 8.8.8.8
lease 1 23 45
based-on interface-ip-address 10.1.1.200
```

Remove DHCP pool and disable server globally:

```
configure terminal
no ip dhcp pool pool1
no service dhcp
```



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For non-technical questions:
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