

### Assign default VLAN IP address

```
configure vlan Default ipaddress
10.222.222.1 255.255.255.0
```

### Update Firmware:

```
download image 10.222.222.2 summitX-1-
5.5.2.9-patch1-5.xos VR-Default secondary
use image secondary
reboot
* (repeat process for primary)*
```

### Install SSH:

```
download image 10.222.222.2 summitX-1-
5.5.2.9-patch1-5-ssh.xmod VR-Default
secondary
run update
```

### Stop using default VLAN (vlan 1):

```
configure vlan "Default" delete ports all
configure vlan vlan10 add ports 1:1-48,2:2-
48
```

### Show Active Ports:

```
show ports no-refresh | inc "A"
```

### DHCP:

```
configure vlan vlan5 dhcp-address-range
172.21.5.51 - 172.21.5.51
configure vlan vlan5 dhcp-options default-g-
ateway 172.21.5.1
configure vlan vlan5 dhcp-options dns-
server 8.8.8.8
configure vlan vlan5 dhcp-options dns-
server secondary 8.8.4.4
enable dhcp ports 1:1-46, 2:1-46, 3:1-46,
4:1-16 vlan vlan5
```

### Configure Default Route:

```
config iproute add default 10.10.10.1
```

### Enable SSH:

```
disable telnet
enable ssh2
```

### Configure SNMP information:

```
configure snmp sysContact "System
Contact"
configure snmp sysLocation "System
Location"
configure snmp sysName "System Name"
disable snmp access
```

### Configure display string:

```
conf port 1:48 display-string UplinkToASA
```

### Remove VLAN:

```
unconfigure vlan vlan10 ipaddress
delete vlan vlan10
```

### Configure Sntp:

```
configure snmp-client primary 173.255.2-
30.140 vr VR-Default
configure snmp-client secondary 129.6.15.30
vr VR-Default
enable snmp-client
```

### Link Aggregation Group:

```
configure sharing 1:47 add ports 1:48, 2:48
```

### Show commands:

```
show config
show iproute
show iparp
show fdb
show version [images]
show switch [detail]
show stack [detail]
show slot
show cdp neighbor
show edp port all
```

### Enable IP routing:

```
enable ipforwarding vlan vlan2
enable ipforwarding vlan Default
```

### Check Cable for Wiring issues(Gen 2 Switches):

```
run diagnostics cable port
```

### Show Open(Ready) Ports:

```
show ports no-refresh | inc "R"
```

### Show Port History:

```
show port info detail | include Port:|Link\s-
State:|Link\sUps:|Link\sDowns:
```

### Display Logs:

```
show log
```

### Configure admin user:

```
configure account admin
```

### Configure timezone:

```
configure timezone name EST -300 autodst
```

### Create and configure VLAN:

```
create vlan vlan10 description "User
Access" tag 10
configure vlan vlan10 ipaddress 10.10.1-
0.10 255.255.255.0
```

### Connect stacking cables:

```
sw01-port2 -> sw02-port1
sw02-port2 -> sw03-port1
sw03-port2 -> sw04-port1
sw04-port2 -> sw01-port1
(can have up to eight nodes per stack)
```

### Enable Stacking:

```
configure stacking easy-setup
```

