

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

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