

Livable MUTLAB

Vlan 1

```
swi-023# show vlan 1
Status and Counters - VLAN Information - VLAN 1
VLAN ID : 1
Name : DEFAULT_VLAN
Status : Port-based
Voice : No
Jumbo : No
Port Information Mode      Unknown VLAN Status
-----
1                Untagged Learn      Up
2                Untagged Learn      Up
3                Untagged Learn      Down
4                Untagged Learn      Down
5                Untagged Learn      Down
6                Untagged Learn      Down
7                Untagged Learn      Up
9                Untagged Learn      Down
10               Untagged Learn      Down
Overridden Port VLAN configuration
Port Mode
-----
swi-023#
```

Vlan 152

```
swi-023# show vlan 152
Status and Counters - VLAN Information - VLAN 152
VLAN ID : 152
Name : DEV2
Status : Port-based
Voice : No
Jumbo : No
Port Information Mode      Unknown VLAN Status
-----
1                Tagged Learn      Up
2                Tagged Learn      Up
swi-023#
```

Vlan 302

```
swi-023# show vlan 302
Status and Counters - VLAN Information - VLAN 302
VLAN ID : 302
Name : SRV2
Status : Port-based
Voice : No
Jumbo : No
Port Information Mode      Unknown VLAN Status
-----
2                Tagged Learn      Up
swi-023#
```

Vlan 402

```
swi-023# show vlan 402

Status and Counters - VLAN Information - VLAN 402

VLAN ID : 402
Name : DMZ2
Status : Port-based
Voice : No
Jumbo : No

Port Information Mode      Unknown VLAN Status
-----
1          Tagged      Learn      Up
```

Show IP

```
swi-023# show ip

Internet (IP) Service

IP Routing : Enabled

Default TTL      : 64
Arp Age         : 20
Domain Suffix   :
DNS server      :

VLAN              | IP Config | IP Address      | Subnet Mask      | Proxy ARP Std | ARP Local
-----
DEFAULT_VLAN     | Manual    | 10.0.2.253     | 255.255.255.0    | No             | No
toip              | Disabled  |                 |                   |                |
DEV2              | Manual    | 192.168.152.1  | 255.255.255.0    | No             | No
SRV2              | Manual    | 172.16.0.1     | 255.255.128.0    | No             | No
DMZ2              | Manual    | 172.18.2.1     | 255.255.255.224 | No             | No
```

Show ip-route

```
swi-023# show ip route

Destination      Gateway          VLAN  Type      Sub-Type  Metric  Dist.
-----
0.0.0.0/0        172.18.2.30    402  static              1       1
10.0.2.0/24     DEFAULT_VLAN   1     connected           1       0
127.0.0.0/8     reject         static              0       0
127.0.0.1/32    lo0            connected           1       0
172.16.0.0/17   SRV2           302  connected           1       0
172.18.2.0/27   DMZ2           402  connected           1       0
192.168.152.0/24 DEV2           152  connected           1       0
```

Show dhcp-relay

```
wi-023# show dhcp-relay

Status and Counters - DHCP Relay

DHCP Relay Agent           : Enabled
DHCP Request Hop Count Increment : Enabled
Option 82                  : Disabled
Response validation        : Disabled
Option 82 handle policy    : replace
Remote ID                  : mac

DHCP Relay Statistics:

Client Requests           Server Responses
Valid     Dropped       Valid     Dropped
-----
3         0             3         0

DHCP Relay Option 82 Statistics:

Client Requests           Server Responses
Valid     Dropped       Valid     Dropped
-----
0         0             0         0
```

Show IP Helper-Address

```
swi-023# show ip helper-address:

IP Helper Addresses

VLAN: 1
  IP Helper Address
  -----

VLAN: 60
  IP Helper Address
  -----

VLAN: 152
  IP Helper Address
  -----
  172.16.0.10

VLAN: 302
  IP Helper Address
  -----

VLAN: 402
  IP Helper Address
  -----
```