

# Set Shelf IP Info

Usage is: set\_shelf\_ip\_info --shelf <shelf\_ip> [OPTIONS]

## Required arguments:

-s, --shelf=SHELF\_IP IP address of shelf with FRU info to set

## Optional arguments:

When specified w/o parameters, the optional arguments will assume their default values. When omitted, the values present in the Shelf FRU Information will be retained.

-i, --vlan=VLAN\_ID VLAN ID (12-bits)  
-u, --untagged=DISCARD When DISCARD is 1, incoming untagged frames will be discarded.  
-t, --tagged=DISCARD When DISCARD is 1, incoming tagged frames will be discarded.  
-x, --boundary-violations=DISCARD When DISCARD is 1, incoming boundary violations are discarded.  
-b, --group-base=BASE\_IP BASE\_IP is the base address for the block of addresses available to the shelf. Host ID of all ones or all zeros are not permitted.  
-e, --group-end=END\_IP END\_IP is the end address for the block of addresses available to the shelf. Host ID of all ones or all zeros are not permitted.  
-m, --subnet-mask=SUBNET\_MASK SUBNET\_MASK is the subnet mask for the shelf. It defines the network assigned to the shelf.  
-g, --gateway=GATEWAY\_IP GATEWAY\_IP is the IP address of the gateway  
  
-d, --dry-run When this option is used, the nothing is written back to the shelf.  
-f, --force When this option is used, write to the shelf even if there are no changes.  
When there is no record present in the shelf, this can be used w/o any other configuration options to create a default record  
  
-v, --verbose=VERBOSITY VERBOSITY can range from 1 to 3.

## Return Value:

0 if OK  
1 if there is a problem with the arguments provided  
2 if there are problems communicating with the shelf