

HP Procurve Switch – Basic Configuration Guide I

Default HP Switch Settings

- ❑ Default username is *admin* with no password.
- ❑ Vlan 1 with DHCP client enabled to obtain an IP address for switch management.
- ❑ Connect a new HP switch to network and once it got a valid IP address, telnet to it and gain complete access with no authentication.
- ❑ SNMP read/*write* is enabled with Community string *public*

Hostname

```
(config)# hostname DMZSWITCH
(config)# write memory
```

Create VLAN

```
(config)# vlan 4 name CLIENTS
```

SVI Configuration

```
(config)# vlan 4
(vlan-4)# ip address 10.10.10.1 255.255.255.0
```

Default Gateway (for switch administration)

```
(config)# ip default-gateway 10.10.10.10
```

Interface Description

```
(config)# interface 24 name PRINTER-GF-W1
```

Access Port for interface 24

```
(config)# vlan 4
(vlan-4)# untagged 24
```

Enable / Disable port (shut / no shut in Cisco Terms)

```
(config)# interface 46
(eth-46)# disable
(eth-46)# enable
```

Disable default SNMP string

```
(config)# no snmp-server community public
```

Configure SSH and disable Telnet

```
(config)# ip ssh version 2
(config)# ip ssh
```

```
(config)# no telnet-server
```

Create accounts in either of 2 types

Manager	Full admin privilege
Operator	Access to status and counters menu, event log however no configuration capabilities

```
(config)# password manager user-name itadmin
New password for manager: *****
Please retype new password for manager: *****
Autorun is disabled as operator/manager password is configured.
```

```
(config)# password operator user-name helpdesk
New password for manager: *****
Please retype new password for manager: *****
Autorun is disabled as operator/manager password is configured.
```

//otherwise, you can choose to retain the usernames ('manager' and 'operator' and set only the passwords)

```
(config)# password all
```

Switch Administration ACL (access-class in Cisco)

```
(config)# ip authorized-managers 10.10.10.5 255.255.255.255 access manager
(config)# ip authorized-managers 192.168.2.0 255.255.255.0 access operator
```

tagged vs. untagged

tagged interface passes VLAN information along with the traffic it sends, in the packet header. This is usually configured for switch or router on the other end.

untagged interface passes traffic without adding VLAN tag, used for access port configuration.

Tagged between switches (Trunk in Cisco Terms)



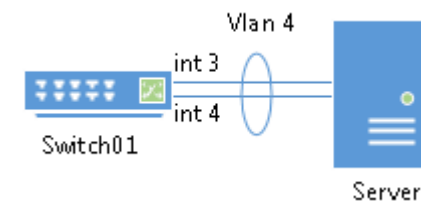
Switch01 and Switch 02:

```
(config)# vlan 4
(vlan-4)# tagged 10
```

```
(config)# vlan 5
(vlan-5)# tagged 10
```

//10 is switch port no.

Trunk Port (EtherChannel in Cisco Terms)



```
(config)# trunk 3-4 Trk1 LACP
(config)# vlan 4
(vlan-4)# tagged Trk1
```