

# 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)



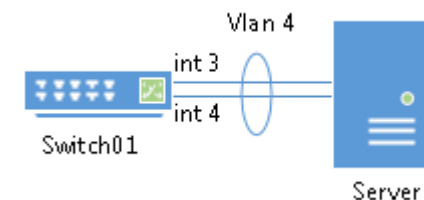
Switch01 and Switch 02:

```
(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
```