

Configuring HP 2626 Switch for Livewire

The switch requires configuration for use with Livewire system. As a new unit, the switch is configured to obtain IP address from DHCP server. In such case you may be able to use WEB user interface to configure basic features of the device.

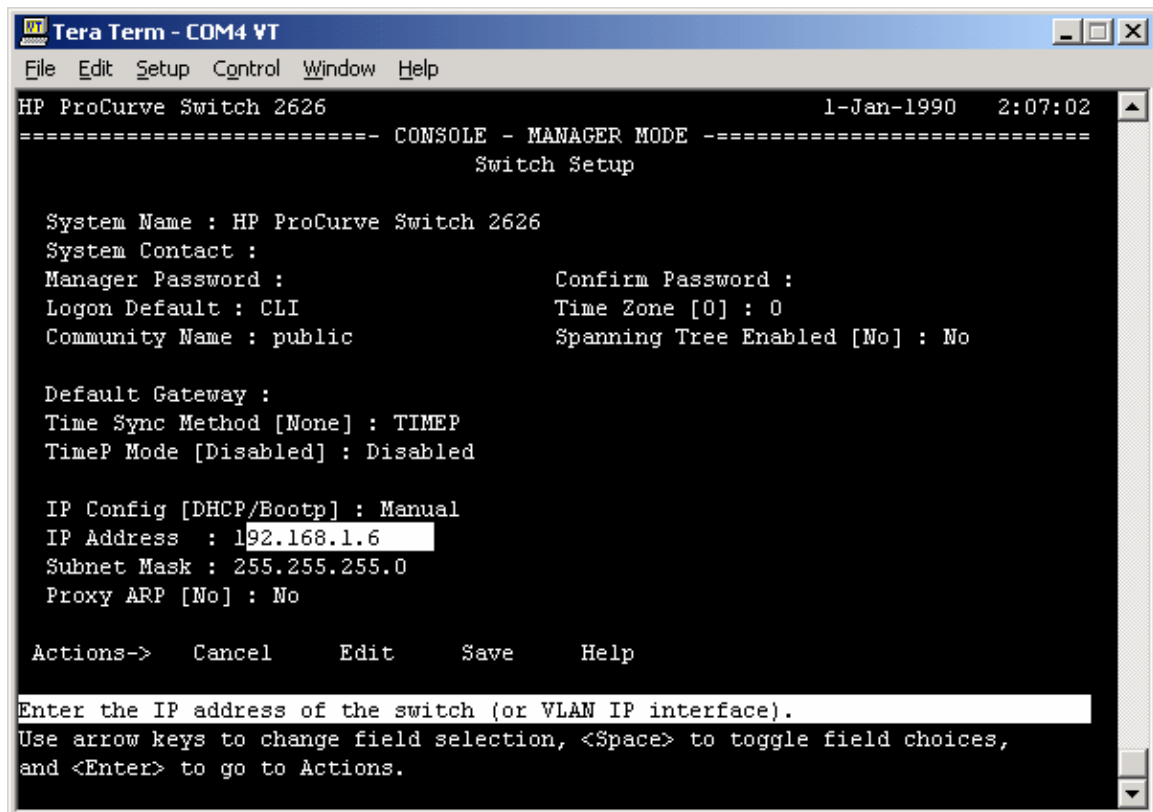
Another way, is to use supplied serial cable and connect the switch console port to a PC. Then, you can access it using a text terminal, like HyperTerminal. The switch auto detects serial communication parameters. Using the console port gives you an access to all the features while the WEB user interface presents only the basic.

Turn on IGMP – IP address must be assigned to the switch.

You can do this configuration from the console (CLI) interface, only.

Use supplied serial cable to connect to the switch RS-232 port. Type, “setup” to start the basic configuration screen.

Configure IP Address as shown below:



```
Tera Term - COM4 VT
File Edit Setup Control Window Help
HP ProCurve Switch 2626 1-Jan-1990 2:07:02
----- CONSOLE - MANAGER MODE -----
Switch Setup

System Name : HP ProCurve Switch 2626
System Contact :
Manager Password : Confirm Password :
Logon Default : CLI Time Zone [0] : 0
Community Name : public Spanning Tree Enabled [No] : No

Default Gateway :
Time Sync Method [None] : TIMEP
TimeP Mode [Disabled] : Disabled

IP Config [DHCP/Bootp] : Manual
IP Address : 192.168.1.6
Subnet Mask : 255.255.255.0
Proxy ARP [No] : No

Actions-> Cancel Edit Save Help

Enter the IP address of the switch (or VLAN IP interface).
Use arrow keys to change field selection, <Space> to toggle field choices,
and <Enter> to go to Actions.
```

The above will do the configuration for the default VLAN. Hit “Save” and exit the configuration screen.

Enable IGMP querier on all VLANs

You can do this configuration from the console (CLI) interface or the WEB.

```
HP ProCurve Switch 2626(config)# vlan 1
HP ProCurve Switch 2626(vlan-1)# ip igmp
HP ProCurve Switch 2626(vlan-1)# show ip igmp
```

IGMP Fast-Leave feature

Enabling IGMP Fast-Leave on Livewire ports helps stopping multicast flooding when Livewire device unsubscribe from a channel, immediately.

The syntax for this command is following:

```
setmib hpSwitchIgmpPortForcedLeaveState.<vlan>.<port> -i 1
```

Example (VLAN=1, Port=3):

```
HP ProCurve Switch 2626#
    setmib hpSwitchIgmpPortForcedLeaveState.1.3 -i 1
hpSwitchIgmpPortForcedLeaveState.1.3 = 1
HP ProCurve Switch 2626#
```

This command should be repeated for all the Livewire ports. If you decide to put Livewire on different VLAN than 1, do the VLAN configuration as described in following sections, first.

Save configuration to the Flash

After the entire configuration is done, you need to save it to permanent Flash memory in the switch. To do it execute:

```
HP ProCurve Switch 2626# write memory
```