

Getting Started

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Introduction

This *Management and Configuration Guide* is intended to support the following switches:

- ProCurve Series 2600
- ProCurve Series 2600-PWR
- ProCurve Series 2800
- ProCurve Series 4100gl
- ProCurve Switch 6108

This guide describes how to use the command line interface (CLI), menu interface, and web browser interface to configure, manage, and monitor switch operation. A troubleshooting chapter is also included.

For an overview of other product documentation for the above switches, refer to “Product Documentation” on page xv.

The *Product Documentation CD-ROM* shipped with the switch includes a copy of this guide. You can also download a copy from the ProCurve website, <http://www.procurve.com>.

Conventions

This guide uses the following conventions for command syntax and displayed information.

Feature Descriptions by Model

In cases where a software feature is not available in all of the switch models covered by this guide, the section heading specifically indicates which product or product series offer the feature.

For example (the switch model is highlighted here in ***bold italics***):

“QoS Pass-Through Mode on the ***Series 2800 and 4100gl Switches***”.

Command Syntax Statements

Syntax: `aaa port-access authenticator < port-list >`
 [control < authorized | auto | unauthorized >]

- Vertical bars (|) separate alternative, mutually exclusive elements.
- Square brackets ([]) indicate optional elements.
- Braces (< >) enclose required elements.
- Braces within square brackets ([< >]) indicate a required element within an optional choice.
- Boldface indicates use of a CLI command, part of a CLI command syntax, or other displayed element in general text. For example:
 “Use the **copy tftp** command to download the key from a TFTP server.”
- Italics indicate variables for which you must supply a value when executing the command. For example, in this command syntax, **< port-list >** indicates that you must provide one or more port numbers:

Syntax: `aaa port-access authenticator < port-list >`

Command Prompts

In the default configuration, your switch displays one of the following CLI prompts:

```
ProCurve Switch 4104#  
ProCurve Switch 4108#  
ProCurve Switch 2626#  
ProCurve Switch 2650#  
ProCurve Switch 6108#
```

To simplify recognition, this guide uses `ProCurve` to represent command prompts for all models. For example:

```
ProCurve#
```

(You can use the **hostname** command to change the text in the CLI prompt.)

Screen Simulations

Figures containing simulated screen text and command output look like this:

```
ProCurve> show version
amp:      /sw/code/build/info
          Apr  1 2005 13:43:13
          G.07.7X
          520
ProCurve>
```

Figure 1-1. Example of a Figure Showing a Simulated Screen

In some cases, brief command-output sequences appear outside of a numbered figure. For example:

```
ProCurve (config)# ip default-gateway 18.28.152.1/24
ProCurve (config)# vlan 1 ip address 18.28.36.152/24
ProCurve (config)# vlan 1 ip igmp
```

Port Identity Examples

This guide describes software applicable to both chassis-based and stackable ProCurve switches. Where port identities are needed in an example, this guide uses the chassis-based port identity system, such as “A1”, “B3 - B5”, “C7”, etc. However, unless otherwise noted, such examples apply equally to the stackable switches, which for port identities typically use only numbers, such as “1”, “3-5”, “15”, etc.

Sources for More Information

For additional information about switch operation and features not covered in this guide, consult the following sources:

- For information on which product manual to consult on a given software feature, refer to “Product Documentation” on page xv.

Note

For the latest version of all ProCurve switch documentation, including release notes covering recently added features, visit the ProCurve Networking website at <http://www.procurve.com>. Click on **Technical support**, and then click on **Product manuals**.

- For information on specific parameters in the menu interface, refer to the online help provided in the interface. For example:

```
----- CONSOLE - MANAGER MODE -----  
Switch Configuration - Internet (IP) Service  
  
Default Gateway : 10.35.204.1  
Default TTL      : 64  
  
IP Config [DHCP/Bootp] : Manual  
IP Address       : 10.35.204.104  
Subnet Mask      : 255.255.240.0  
  
Actions->  _Cancel      _Edit      _Save      Help  
  
Display help information.  
Use arrow keys to change action selection and <Enter> to execute action.
```

Figure 1-2. Getting Help in the Menu Interface

- For information on a specific command in the CLI, type the command name followed by “help”. For example:

```
ProCurve# write help  
Usage: write <memory|terminal>  
  
Description: View or save the running configuration of the switch.  
  
write terminal - displays the running configuration of the  
switch on the terminal  
write memory   - saves the running configuration of the  
switch to flash. The saved configuration  
becomes the boot-up configuration of the switch  
the next time it is booted.
```

Figure 1-3. Getting Help in the CLI

- For information on specific features in the Web browser interface, use the online help. For information on Help options, see “Online Help for the Web Browser Interface” on page 5-1.
- For further information on ProCurve Networking switch technology, visit the ProCurve website at:

<http://www.procurve.com>

Need Only a Quick Start?

IP Addressing

If you just want to give the switch an IP address so that it can communicate on your network, or if you are not using multiple VLANs, ProCurve recommends that you use the Switch Setup screen to quickly configure IP addressing. To do so, do one of the following:

- Enter **setup** at the CLI Manager level prompt.

```
ProCurve# setup
```
- In the Main Menu of the Menu interface, select
8. Run Setup

For more on using the Switch Setup screen, see the *Installation and Getting Started Guide* you received with the switch.

To Set Up and Install the Switch in Your Network

Important!

Use the *Installation and Getting Started Guide* shipped with your switch for the following:

- Notes, cautions, and warnings related to installing and using the switch and its related modules
- Instructions for physically installing the switch in your network
- Quickly assigning an IP address and subnet mask, setting a Manager password, and (optionally) configuring other basic features.
- Interpreting LED behavior.

For the latest version of the *Installation and Getting Started Guide* and other documentation for your switch, visit the ProCurve website. (Refer to “Product Documentation” on page xv of this guide for further details.)