HP ARUBA PROCURVE 2930F

GETTING STARTED WITH HC3

Version 2.0 - 01/2020

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INTRODUCTION

This guide provides general configuration examples. The configurations found here may not be applicable for all environments. Consult HP's official documentation for further information in regards to your environment's unique configuration.

REQUIREMENTS

- The switch should be racked, cabled, and powered on.
- A USB to serial or RJ-45 to serial connection to a workstation with a terminal program for initial setup.

Use Device Manager (in Windows, or its equivalent in other operating systems) to determine the COM port for access through the terminal program.

ACCESS THE SWITCH

> **NOTE**
>
> The following steps may not be applicable for all switch software versions and are provided as-is for general recommendations. Scale Computing does not monitor or maintain third party products. Contact HP for advanced switch configuration tasks.

Configuration will be handled through the serial console and a terminal program. No password is required at this point.

At the switch prompt, use the `show run` command to review the current switch settings. VLAN 1 should be configured and ready to receive a DHCP address. If no DHCP is available, assign a static IP address using the commands below.

```
# conf terminal
# vlan 1
# ip address <IP> <NETMASK>
# exit
```

The switch is now accessible via HTTP, telnet, ssh, or other remote protocol available on the network and configuration can continue there.

Ensure your switch is running firmware 16.02.008 or higher to access the latest GUI referenced in this guide. Firmware can be **downloaded from the HP website using the Support Lookup tool**.

GENERAL CONFIGURATION

This is a general reference point for the expected switch configuration. See the complete HP Aruba documentation in the Resources section.

1. Assign the LAN ports to the existing DEFAULT_VLAN, VLAN 1 by default, or create a new VLAN to match the network's default traffic if it differs. Ports assigned to the LAN VLAN should be Untagged and set to Forbid on the Backplane VLAN.
2. Create a new Backplane VLAN with a unique VLAN ID separate from anything else in the network topology. Ports assigned to the Backplane VLAN should be Untagged and set to Forbid on the LAN network's default VLAN.
    a. If using two switches, set up an interconnect port between the two switches on the same unique Backplane network VLAN ID and allowing the native VLAN as well. **DO NOT** forget to disable Spanning Tree Protocol on the chosen port to prevent a network loop.
3. It is optional if Flow Control is enabled or not, but it is generally recommended to enable it.
4. Configure an uplink port to the local network with only the native VLAN ID assigned. Backplane traffic should never be accessible on the network.
5. Spanning Tree may or may not need to be disabled to function without network issues in the local environment. Most often it is necessary to disable it.
6. Verify VLAN configuration and port assignments using the `show run` command or by accessing the GUI. **DO NOT** forget to save the running configuration using the `wr mem` command.

RESOURCES

HP ARUBA

- HP Aruba 2920 Switch Series Documents
- HP Aruba 2930F Switch Series Documents
- HP Support Lookup Tool

FEEDBACK & SUPPORT

DOCUMENT FEEDBACK

Scale Computing welcomes your suggestions for improving our documentation. Please send your feedback to documentation@scalecomputing.com.

TECHNICAL SUPPORT AND RESOURCES

There are many technical support resources available for use. Access this document, and many others, at http://www.scalecomputing.com/support/login/.

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Online Support	You can submit support cases and view account information online through the Scale Computing Customer and Partner Portals at **http://www.scalecomputing.com/support/login/**. You can also Live Chat with support through **www.scalecomputing.com** during standard hours Monday-Friday from 8-8 local time.
Telephone Support	Support is available for critical issues 24/7 by phone at +1 877-SCALE-59 (+1 877-722-5359) in the US and at +44 (0) 808 234 0699 in Europe. Telephone support is recommended for the fastest response on priority issues, and the only response after standard Support hours.