

Restore HP 5130 switches to factory default configuration

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Disclaimer

The author of this document shall not carry responsibility for any damage to the network, switch(s), computer(s), software or hardware either direct or indirect as a result of following the instructions herein.

Introduction

This document covers restoring **HP 5130-24G-PoE+-4SFP+ (370W) EI JG936A** switches to factory default configuration from a console session.

This document is intended for I.T. and/or network professionals. However, other users with basic network understanding may find this document useful and straight forward to follow.

Note:

- The commands used herein may also work on different switch make and models, please refer to the reference manual of your switch to compare commands syntax first
- This document uses **PuTTY** as the tool to establish connection to the switch
- If you are still experiencing, you may not save the changes, simply reboot without saving or just unplug the power cord from the switch. However proceeding with restoring to factory default configuration will **ERASE** all switch configuration previously stored

Requirements

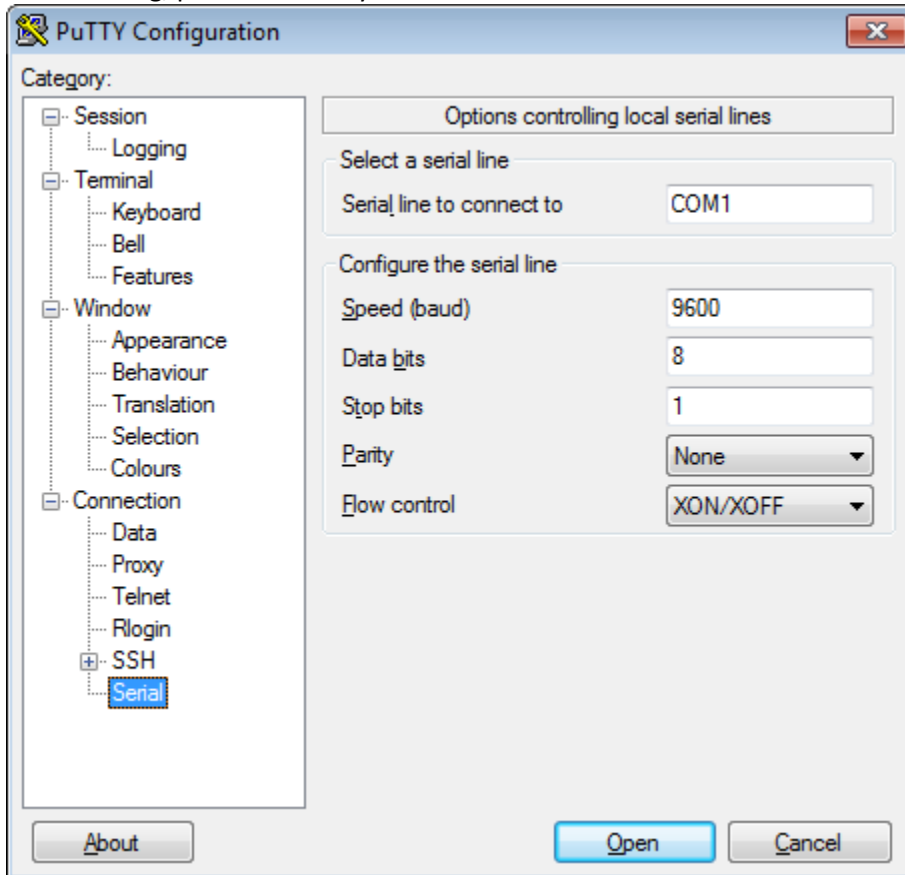
- HP 5130-24G-PoE+-4SFP+ (370W) EI JG936A switch
- A PC capable of hosting a 9 Pin serial cable (*this is the console cable provided as part of the switch package contents*)
- **PuTTY** or similar tool to establish connection to the switch (***ensure safe download links***)

Brief

- On the PC, download **PuTTY** or a similar tool to establish connection to the switch (***ensure safe download links***)
- Disable password recovery and save
- Reboot
- Enter the extended boot menu and select the appropriate option to restore the switch to factory default configuration
- Reboot

Procedure

1. Power ON the switch and connect the console cable between the PC and the console port of the switch
2. Use **PuTTY** or similar tool to establish a serial connection to the switch. Typical **COM** port configuration may look like the following, please refer to your switch reference manual for correct settings:



3. Once logged into the switch, either type the following commands one at a time or simply copy all and paste as script to apply on the switch (*please note the blank line below equivalents to pressing the enter key*):

```
system-view
undo password-recovery enable
y
quit
save
y

reboot
y
```

During the reboot be prepared to access the **Extended Boot Menu** by pressing **Ctrl+B** keys simultaneously on the keyboard when prompted. From the **Extended Boot Menu** options type **5** to restore to factory default configuration and press the **Enter** key. The snapshot next page illustrates a switch interface example:

```

<HP>system-view
System View: return to User View with Ctrl+Z.
[HP]undo password-recovery enable
The command will disable the password recovery function. Continue? [Y/N]:y
[HP]quit
<HP>save
The current configuration will be written to the device. Are you sure? [Y/N]:y
Please input the file name(*.cfg)[flash:/startup.cfg]
(To leave the existing filename unchanged, press the enter key):
Validating file. Please wait...
Saved the current configuration to mainboard device successfully.
<HP>reboot
Start to check configuration with next startup configuration file, please
wait.....DONE!
This command will reboot the device. Continue? [Y/N]:y
Now rebooting, please wait...
%Jan 1 01:56:30:885 2013 HP DEV/5/SYSTEM_REBOOT: System is rebooting now.

Starting.....
Press Ctrl+D to access BASIC BOOT MENU

*****
*
*          HP 5130-24G-PoE+-45FP+ (370W) EI Switch BOOTROM, Version 132          *
*
*****
Copyright (c) 2010-2015 Hewlett-Packard Development Company, L.P.

Creation Date       : Jul 30 2015, 15:05:24
CPU Clock Speed    : 1000MHz
Memory Size        : 1024MB
Flash Size         : 512MB
CPLD Version       : 002
PCB Version        : Ver.B
Mac Address        : 5c8a384db481

PEX mode is disabled.
Press Ctrl+B to access EXTENDED BOOT MENU...0

Password recovery capability is disabled.

    EXTENDED BOOT MENU

1. Download image to flash
2. Select image to boot
3. Display all files in flash
4. Delete file from flash
5. Restore to factory default configuration
6. Enter BootRom upgrade menu
7. Skip current system configuration
8. Set switch startup mode
0. Reboot
Ctrl+Z: Access EXTENDED ASSISTANT MENU
Ctrl+F: Format file system
Ctrl+P: Change authentication for console login
Ctrl+R: Download image to SDRAM and run
Ctrl+Y: Change Work Mode
Ctrl+C: Display Copyright

Enter your choice(0-8): 5
Because the password recovery capability is disabled, this operation can cause
the configuration files to be deleted, and the system will start up with
factory defaults. Are you sure to continue?[Y/N]:Y
Setting...Done.

```

When restore completes the **Extended Boot Menu** options will display again, type **0** and press the **Enter** key to reboot. The snapshot next page illustrates a switch interface example:

```
EXTENDED BOOT MENU

1. Download image to flash
2. Select image to boot
3. Display all files in flash
4. Delete file from flash
5. Restore to factory default configuration
6. Enter BootRom upgrade menu
7. Skip current system configuration
8. Set switch startup mode
0. Reboot
Ctrl+Z: Access EXTENDED ASSISTANT MENU
Ctrl+F: Format file system
Ctrl+P: Change authentication for console login
Ctrl+R: Download image to SDRAM and run
Ctrl+Y: Change Work Mode
Ctrl+C: Display Copyright

Enter your choice(0-8): 0
Starting.....
Press Ctrl+D to access BASIC BOOT MENU
```

Now, the switch has been restored to factory default configuration.

End of document.