

# How to configure console login username and password on HP 5130 switches

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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 configuring console login username and password on **HP 5130-24G-PoE+-4SFP+ (370W) EI JG936A** switches.

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
- For simplicity this document uses username “**admin**” and password “**passw0rd**”. As a general rule, a strong password and a more complex username must be used on production devices
- This document uses **PuTTY** as the tool to communicate with the switch
- If you are still experiencing, you may not save the configuration, simply reboot without saving or just unplug the power cord from the switch

## Requirements

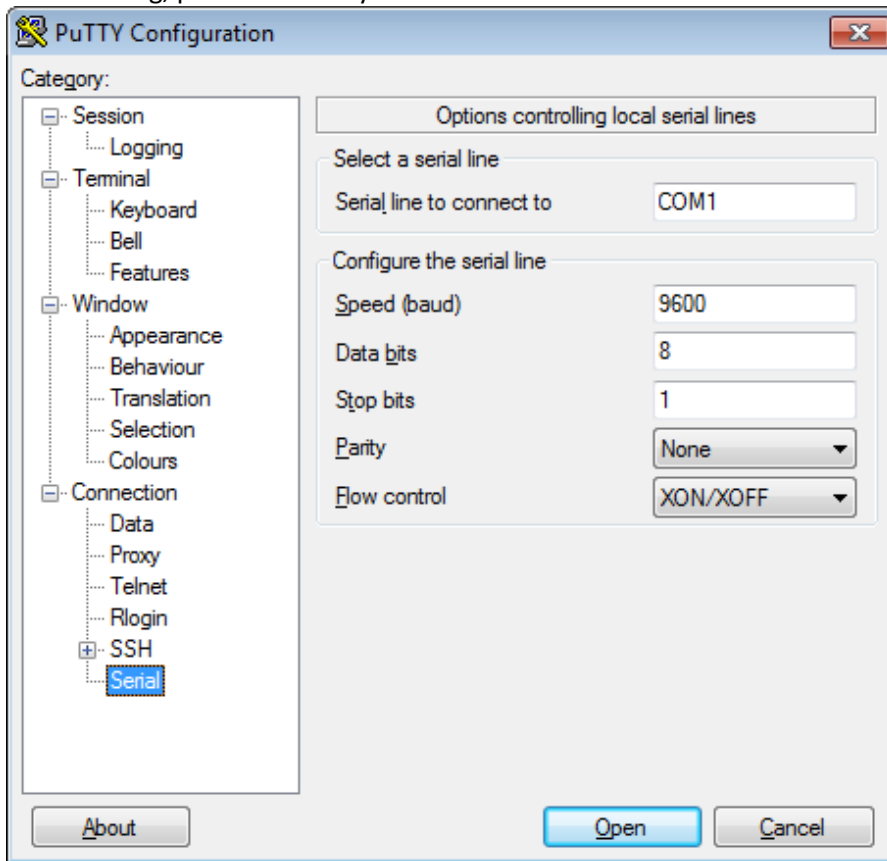
- HP 5130-24G-PoE+-4SFP+ (370W) EI JG936A switch
- A PC capable of hosting a 9 Pin serial cable (*this will be the console cable provided as part of the switch package contents*)
- **PuTTY** or similar tool to establish connection to the switch (***ensure safe download links***)

## Brief

- Download **PuTTY** or a similar tool to establish connection to the switch (***ensure safe download links***)
- Establish a connection to switch using the console cable (*part of the switch package contents*)
- Configure console username and password
- Test login using new credentials
- Save and reboot the switch

## 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 accurate settings:



3. Out of box when switch boot for the first time, it will try to load automatic configuration. After switch boots you may see repeated messages as illustrated in the snapshot below, you may then press **CTRL\_D** to break:

```
System is starting...

Startup configuration file does not exist.
Started automatic configuration, press CTRL_D to break.

Automatic configuration attempt: 1.
Not ready for automatic configuration: no interface available.
Waiting for the next...

Automatic configuration attempt: 2.
Not ready for automatic configuration: no interface available.
Waiting for the next...

Automatic configuration attempt: 3.
Not ready for automatic configuration: no interface available.
Waiting for the next...
```

4. After pressing **CTRL\_D** you may receive prompts as illustrated in the snapshot below, meaning you are ready to communicate with the switch:

```
Automatic configuration is aborted.
Line aux0 is available.

Press ENTER to get started.
```

5. Press **Enter** then either type the following commands one at a time or simply copy all and paste as script to apply on the switch to enable SSH service and setup a communication interface:

```
system-view
line aux 0
authentication-mode scheme
quit
local-user admin class manage
password simple passw0rd
service-type terminal
authorization-attribute user-role network-admin
quit
quit
quit
```

The snapshot below illustrates an example of the switch interface using the above commands:

```
<HP>system-view
System View: return to User View with Ctrl+Z.
[HP]line aux 0
[HP-line-aux0]authentication-mode scheme
[HP-line-aux0]quit
[HP]local-user admin class manage
New local user added.
[HP-luser-manage-admin]password simple passw0rd
[HP-luser-manage-admin]service-type terminal
[HP-luser-manage-admin]authorization-attribute user-role network-admin
[HP-luser-manage-admin]quit
[HP]quit
<HP>quit
```

```
*****
* Copyright (c) 2010-2015 Hewlett-Packard Development Company, L.P.          *
* Without the owner's prior written consent,                                *
* no decompiling or reverse-engineering shall be allowed.                    *
*****
```

Line aux0 is available.

Press ENTER to get started.


Press Enter and login using the username and password you configured earlier (*admin* and *passw0rd*). The snapshot below illustrates an example of the switch interface after entering the username and password:

```
login: admin
Password:
<HP>%Jan  1 00:03:43:309 2013 HP SHELL/5/SHELL_LOGIN: admin logged in from aux0.
```

Press Enter again for the <HP> prompt:

```
<HP>
```

6. You may **save** and **reboot** as illustrated with prompt answers in the snapshot example below:

```
<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): 
flash:/startup.cfg exists, overwrite? [Y/N]:y
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...
```

## Reference:

HP 5130 EI Switch Series Fundamentals Configuration Guide

End of document.