DGS-3630-Series Switches

- Switch Management Interfaces
- Adding Administrator Account
- Enabling Remote Management (SSH)
- Changing Switch IP Address
- Saving Configuration
- Resetting to Factory Defaults

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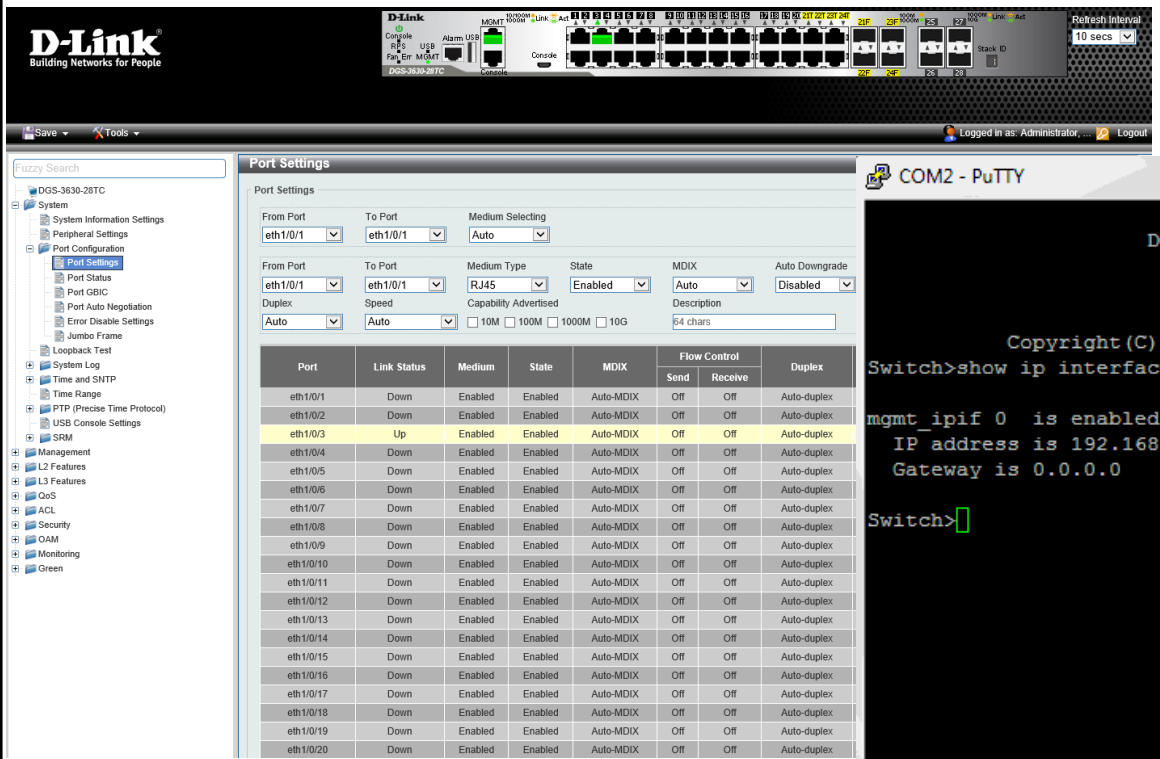
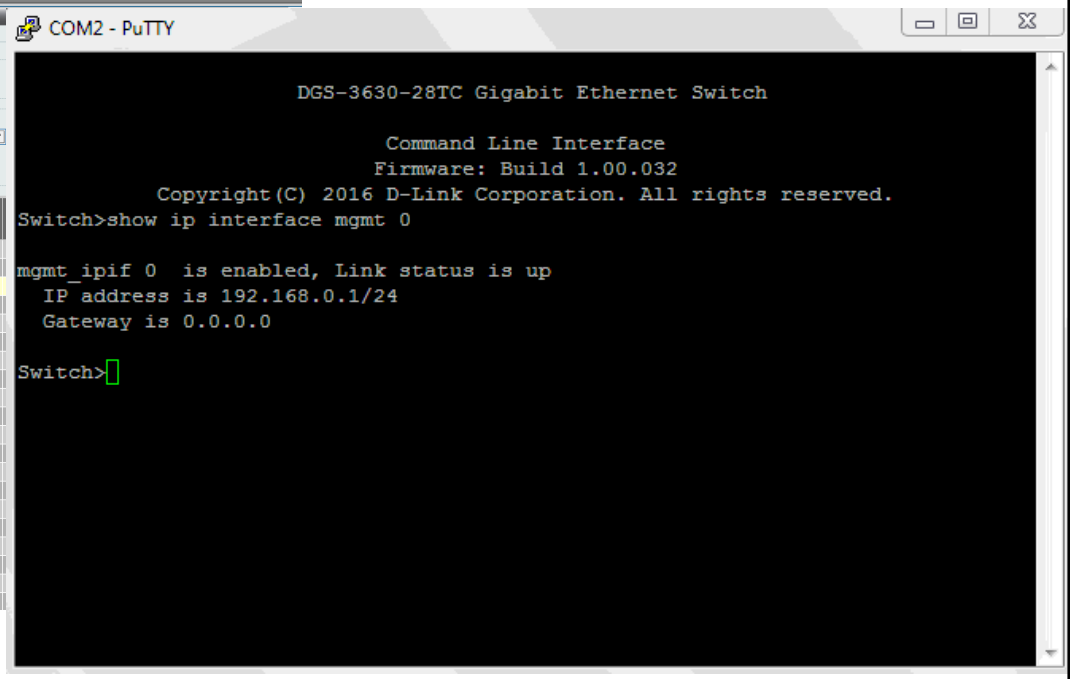
Switch Management Interfaces

D-Link Switches can be managed through Serial Port, Telnet (SSH) and Web interface. The Command-Line-Interface (CLI) can be used to configure and manage the switches via serial port and Telnet (SSH) interfaces.

WEB Interface



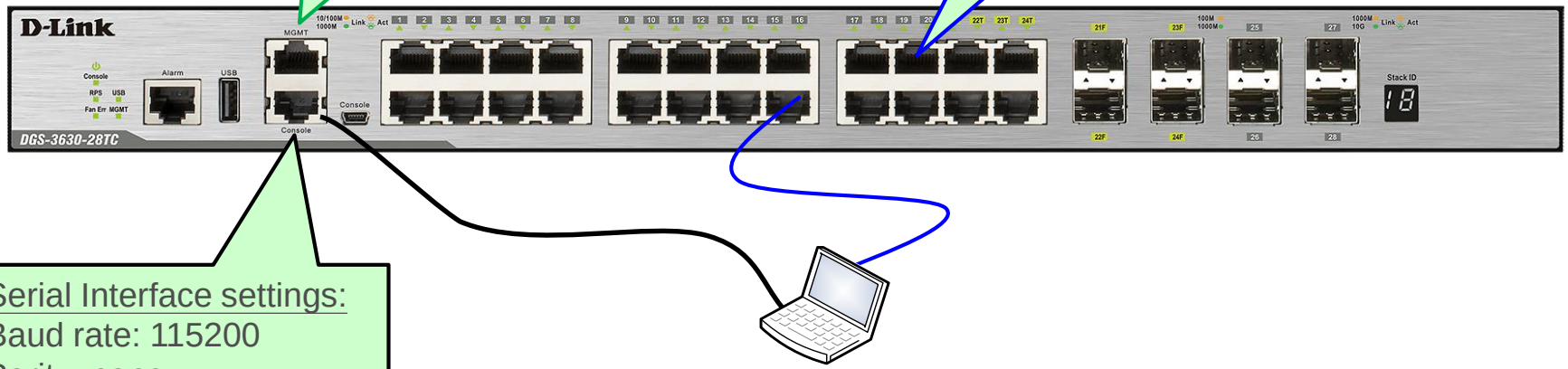
CLI Interface



Switch Management Interfaces

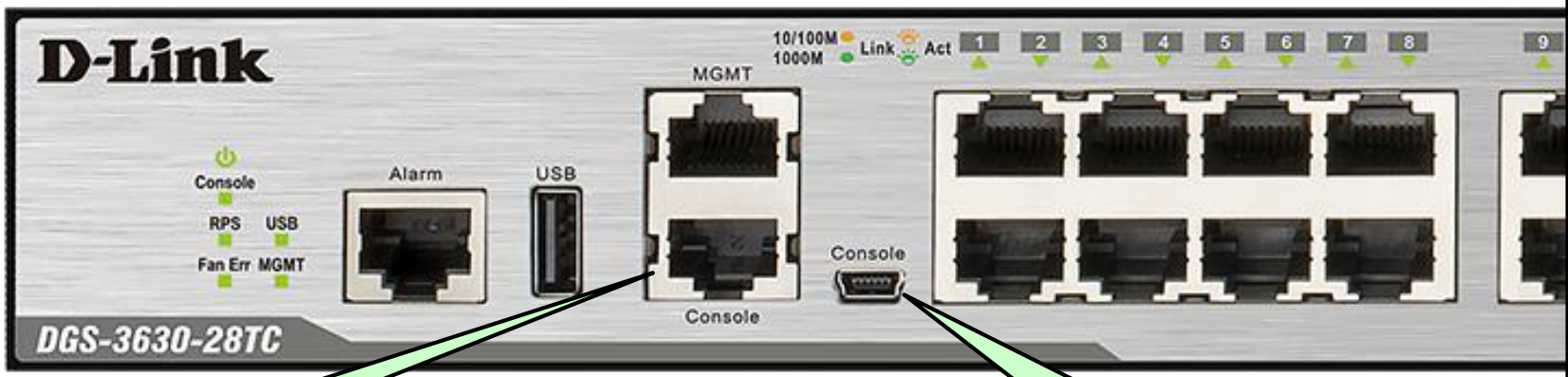
Out of Band Management Interface:
192.168.0.1/24
No username/password

Default IP address:
10.90.90.90/8
No username/password



Serial Interface settings:
Baud rate: 115200
Parity: none
Data bits: 8
Stop bits: 1
Flow Control: none

Switch Management Interfaces



Console with RJ45 port

RJ45 to RS232 Serial cable is included

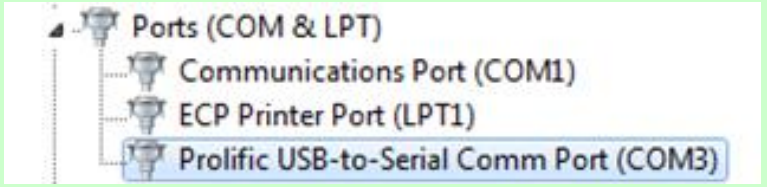
Console with mini-USB port

USB cable and drivers are included

Driver for USB console included on CD:

PL2303_Prolific_DriverInstaller_v1.12.0.exe

Windows Device Manager:



DGS-3630-Series Switches

Adding Administrator Account

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Adding Administrator Account (CLI)

```
Switch# enable
Switch# configure terminal
Switch(config)# username admin password yourpassword
Switch(config)# username admin privilege 15
Switch(config)# line console
Switch(config-line)# login local
```

"**username admin password yourpassword**" – This command creates a user account with the username "admin" and password "yourpassword".

"**username admin privilege 15**" – assigns highest privilege level.

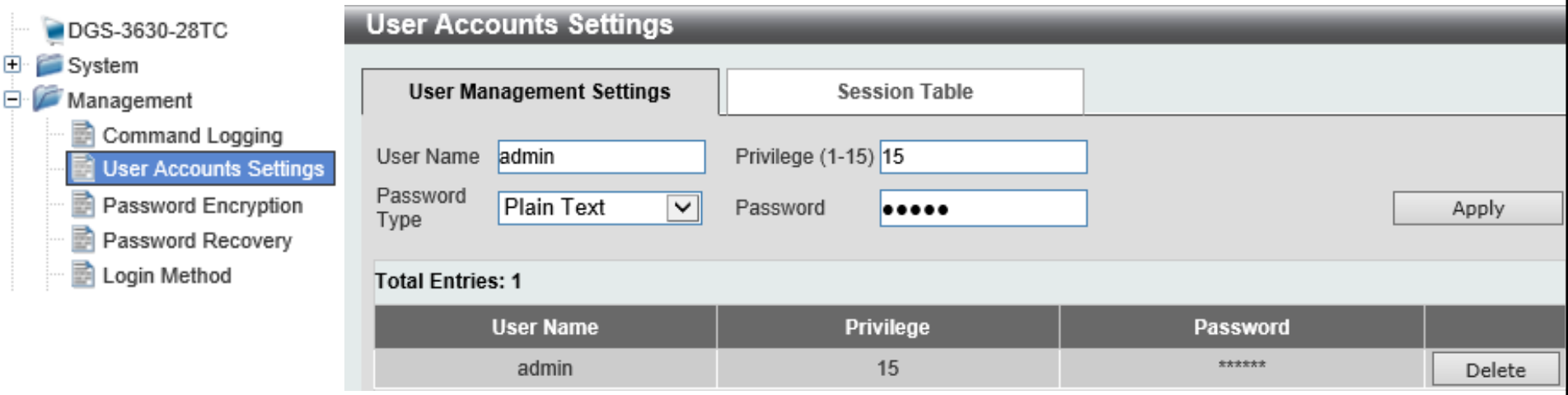
"**line console**" – allows you to enter the "Line Configuration Mode".

"**login local**" – tells the Switch that users need to enter locally configured login credentials.

Adding Administrator Account (GUI)

Switch default IP address is 10.90.90.90. No username/password (leave blank).

Go to Management > User Account Settings.
Add a new user (admin) with Plain Text password and Privilege 15.



DGS-3630-Series Switches

Enabling Telnet (SSH)

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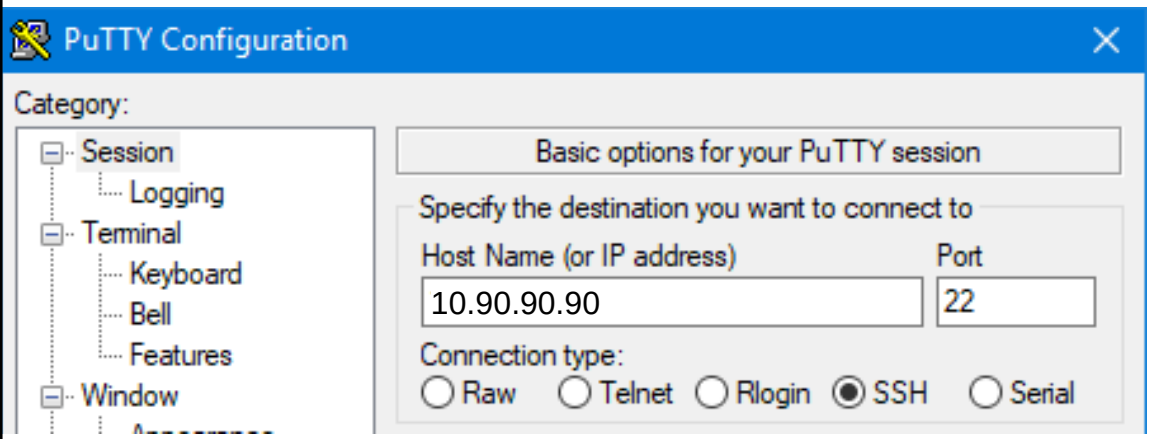
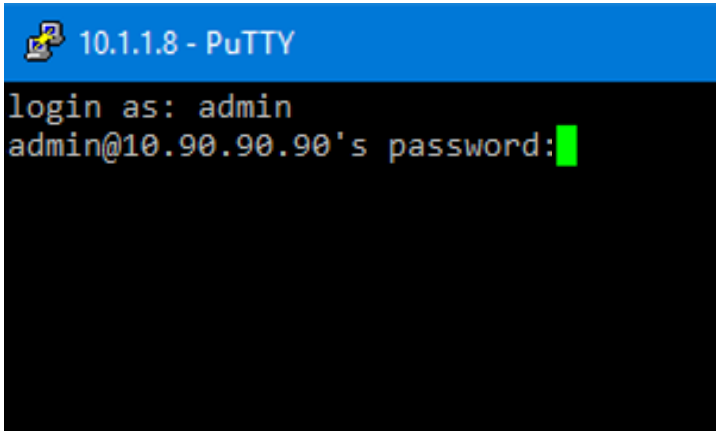
Enabling Telnet (SSH) (CLI)

```
Switch# enable
Switch# crypto key generate dsa
Switch# crypto key generate rsa modulus 1024
Switch# configure terminal
Switch(config)# line ssh
Switch(config-line)# password ssh
Switch(config-line)# login local
Switch(config-line)# exit
Switch(config)# ip ssh server
Switch(config)# end
```

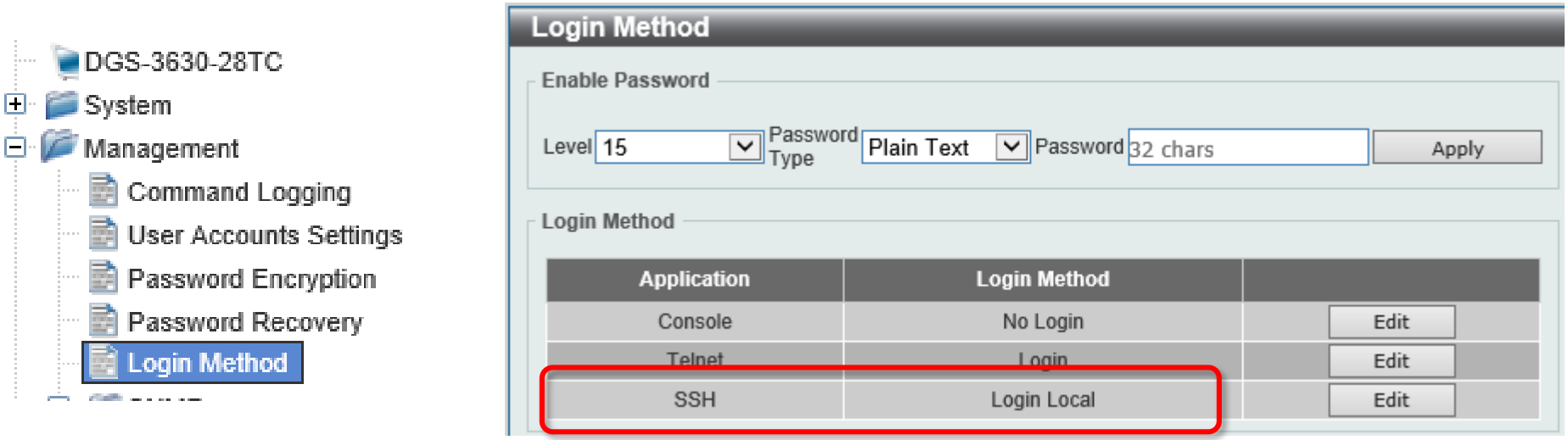




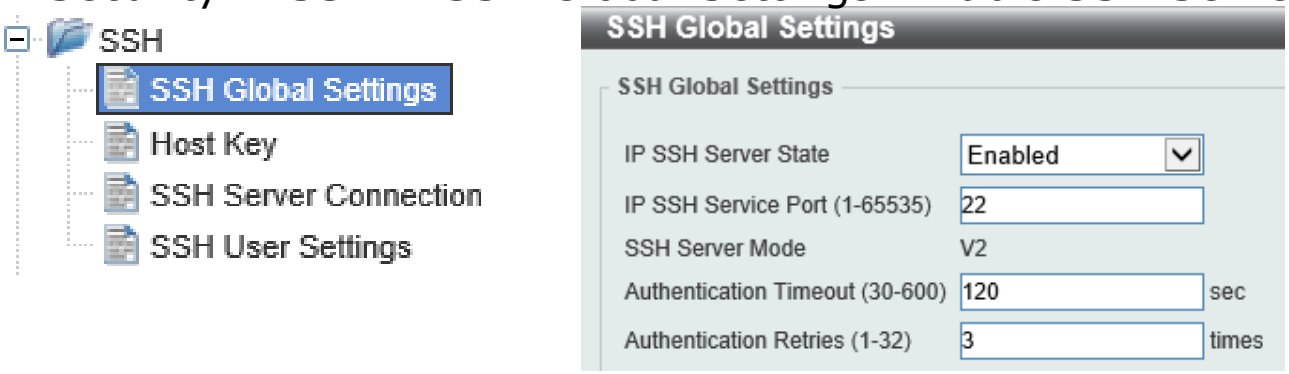
Enabling Telnet (SSH) (GUI)

Management > Login Method. Set SSH as “Login Local”.

Security > SSH > SSH Global Settings

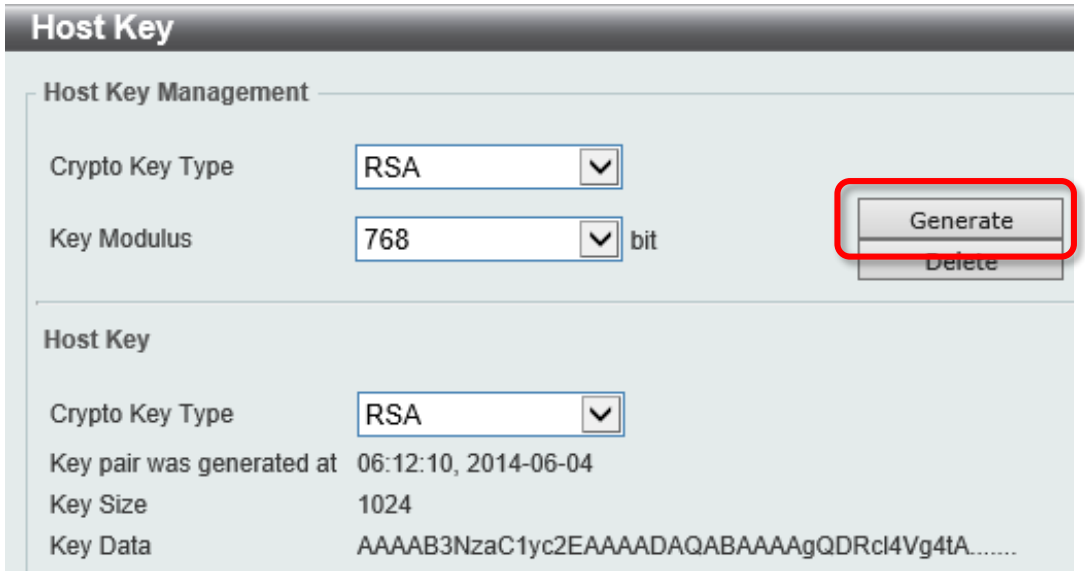


Security > SSH > SSH Global Settings. Enable SSH Server.

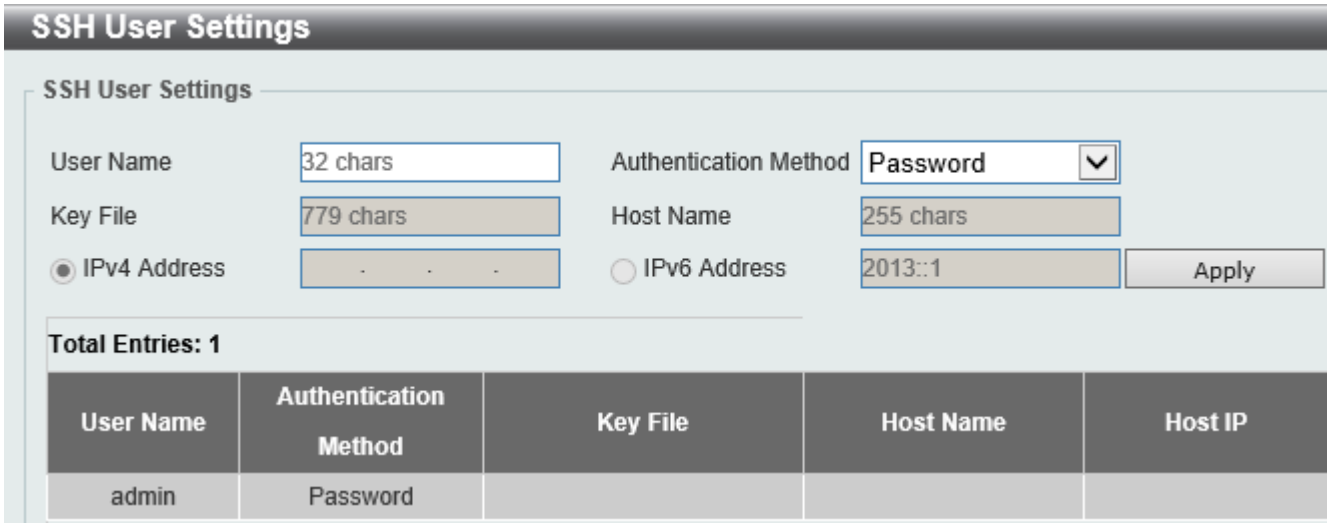


Enabling Telnet (SSH) (GUI)

Generate Host Key.



Verify SSH user:



DGS-3630-Series Switches

Changing Switch IP Address

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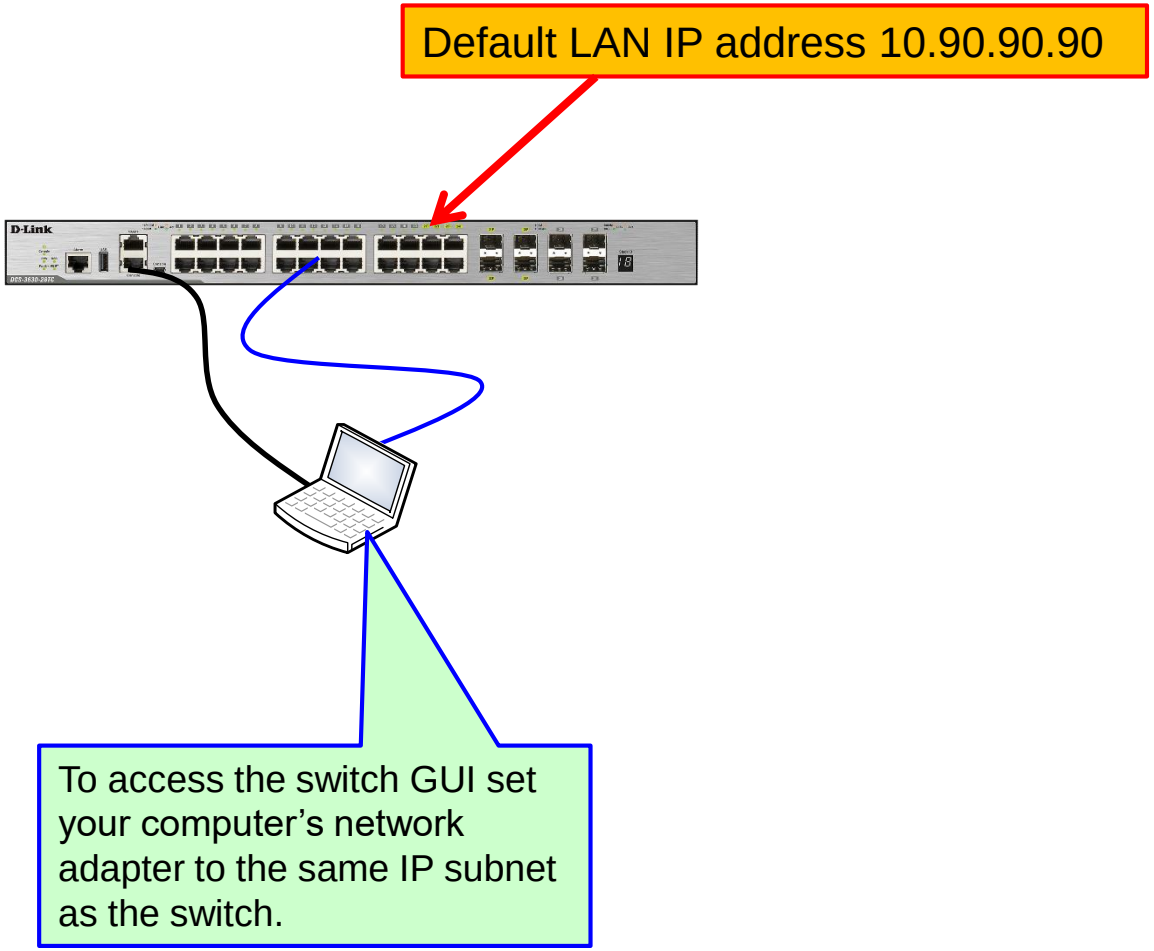
Changing Switch IP Address



Changing Switch IP Address

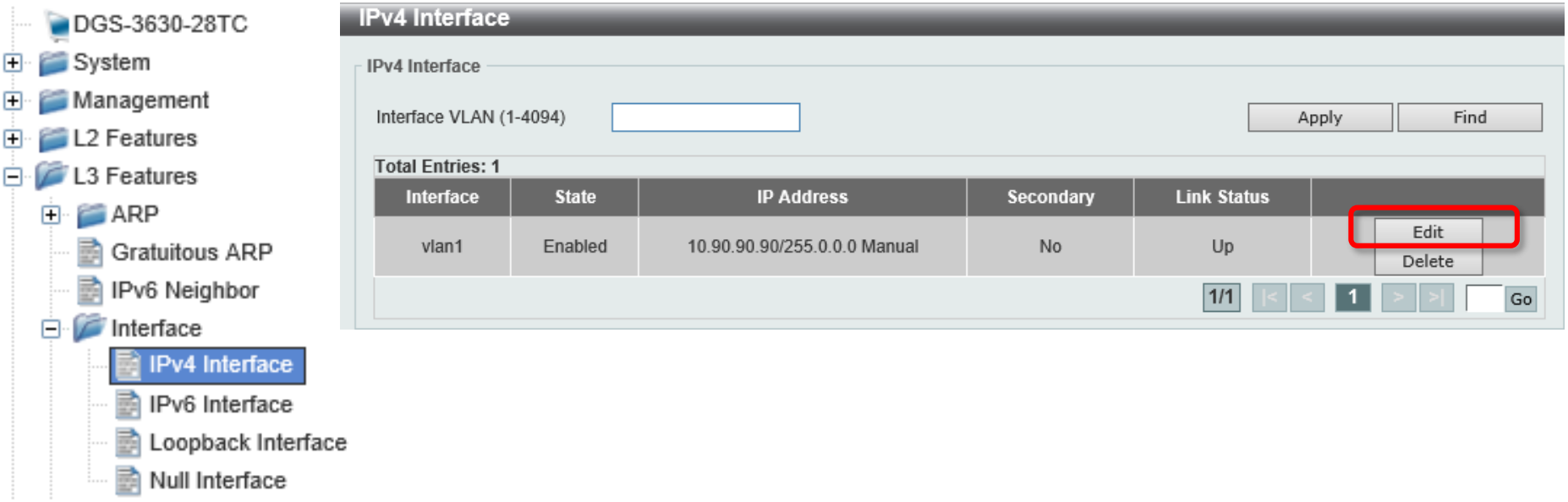
In this example we are assigning IP address: 10.1.1.1/24

```
Switch> enable
Switch# configure terminal
Switch(config)# interface vlan1
Switch(config-if)# ip address 10.1.1.n 255.255.255.0

Switch(config-if)# exit

Switch(config)# ip route 0.0.0.0 0.0.0.0 10.1.1.254

Switch# show ip interface

Interface vlan1 is enabled, Link status is up
  IP Address is 10.1.1.1/24 (Manual)

…

mgmt_ipif 0  is enabled, Link status is down
  IP Address is 192.168.0.1/24
  Gateway is 0.0.0.0
```

In this example the Default Gateway address is: 10.1.1.254

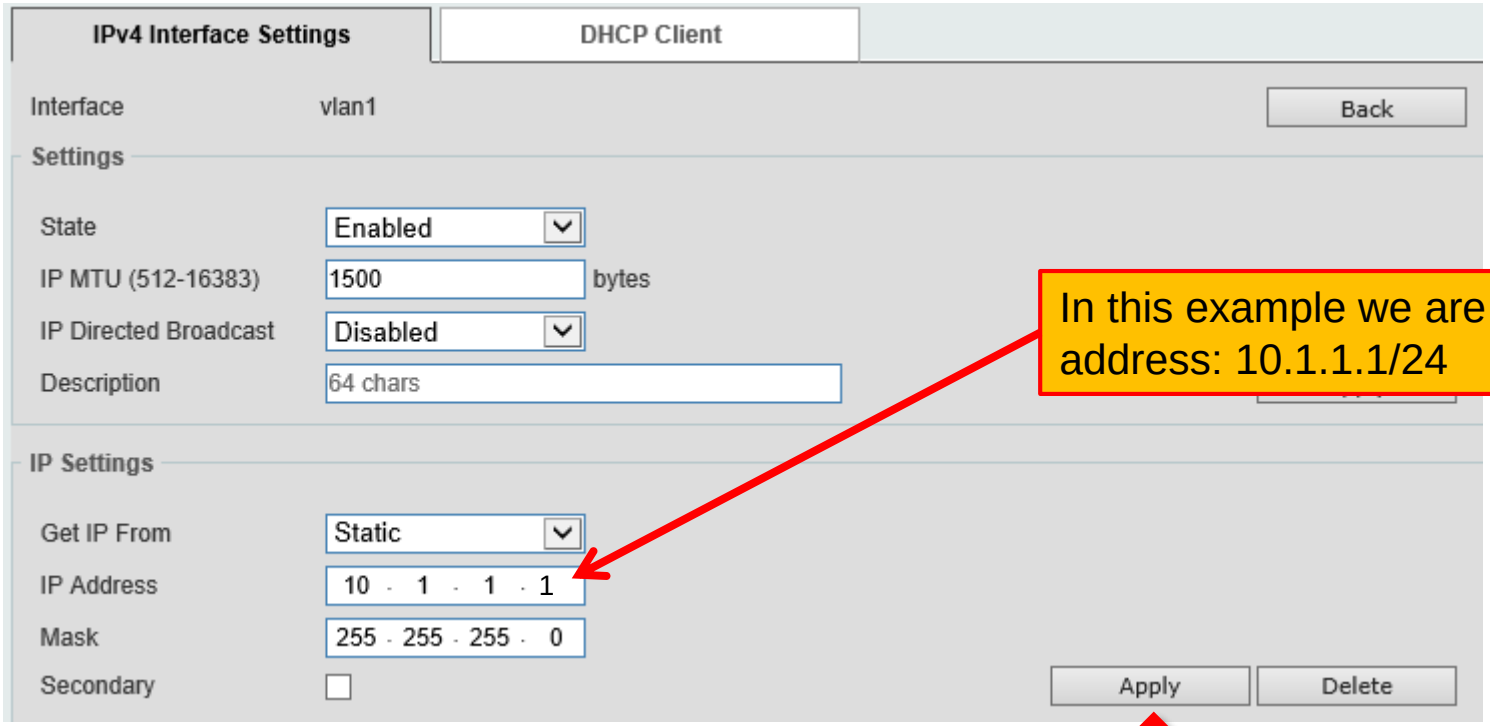
Changing Switch IP Address

L3 Features > Interface > IPv4 Interface. Click on Edit.



Changing Switch IP Address

- Change to desired IP.
- Click on Apply. Re-login to the switch using the new IP address.



After you click on Apply, the switch address will immediately change. Modify your computer IP address to match the switch IP subnet. Re-login to the switch using the new IP address.

DGS-3630-Series Switches

Saving Configuration

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Saving Configuration (CLI)

To save configuration so it is not lost after a reboot:

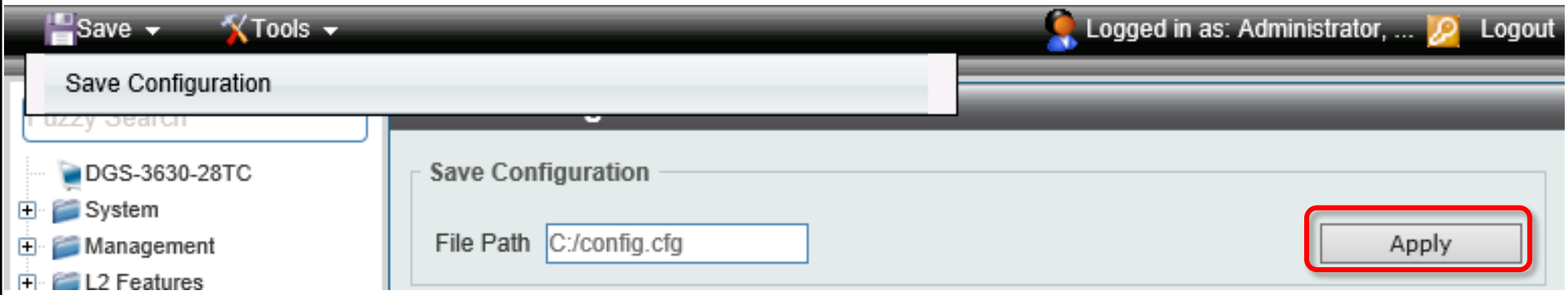
```
Switch#copy running-config startup-config

Destination filename startup-config? [y/n]:  y

Saving all configurations to NV-RAM..... Done.
```

Saving Configuration (GUI)

In the toolbar select Save > Save Configuration. Click on Apply.



DGS-3630-Series Switches

Resetting the Switch

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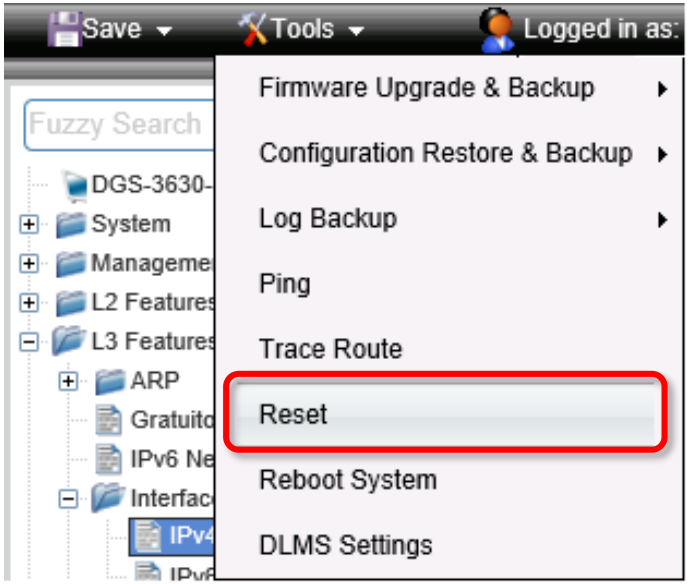
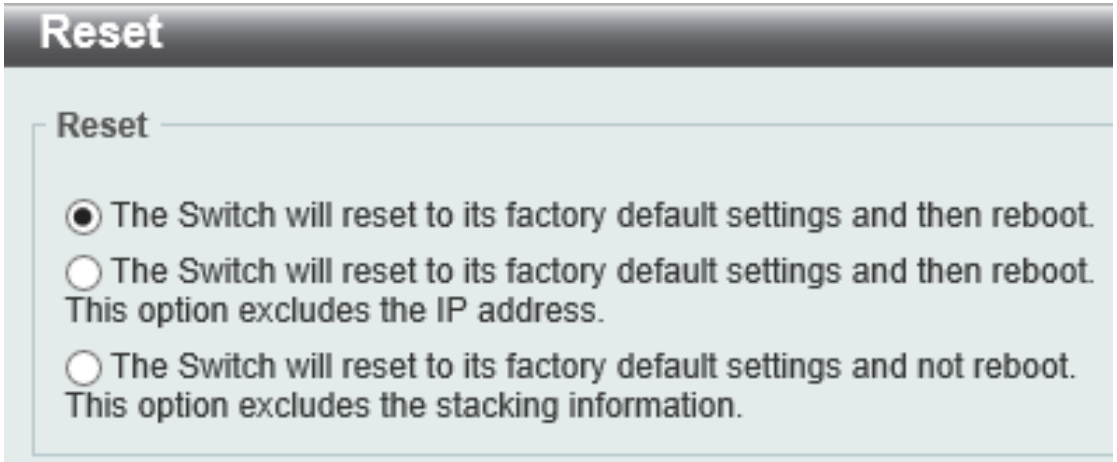
Resetting Configuration (CLI)

```
Switch> enable

Switch# reset system

This command will clear the system's configuration to the factory
default settings, including the IP address and stacking settings.
Clear system configuration, save, reboot? (y/n)[n]
```

Resetting Configuration (GUI)

Log into the switch – click on “Tools” and select “Reset”.





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