

Quick Start Guide for Magnum 6K and 10K series switches

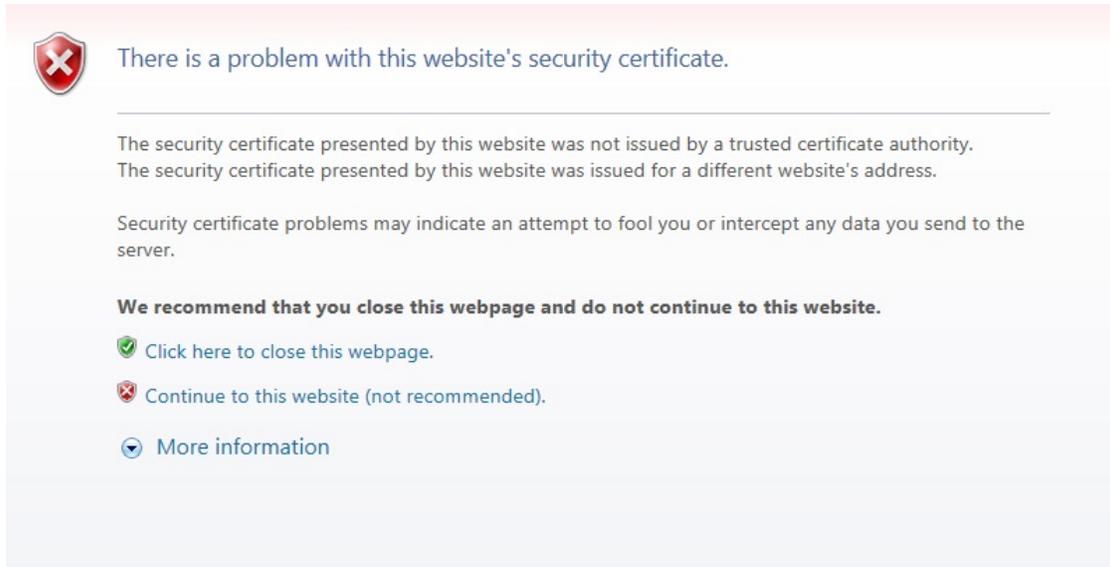
How to get started with Magnum 6k and 10K series switches

Managed 6K or 10K series switches have a factory default IP address: 192.168.1.2, Mask: 255.255.255.0. Factory Default login: manager and password: manager



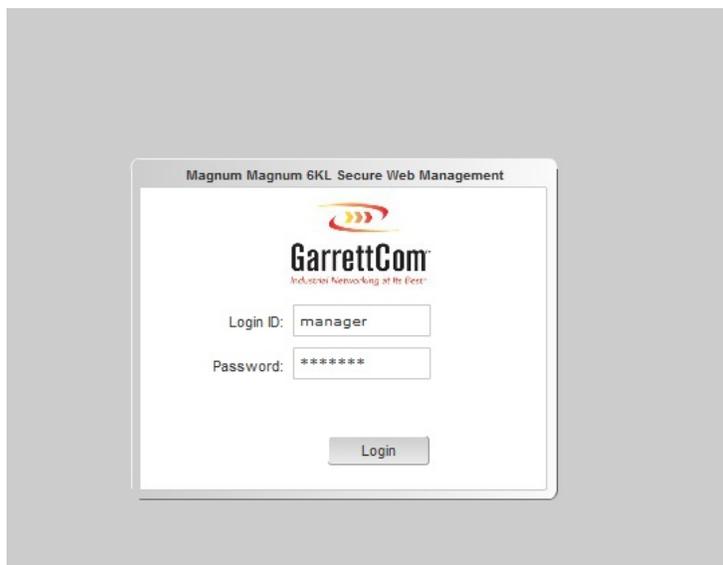
Give your laptop/workstation an IP address: 192.168.1.10 Mask:255.255.255.0 or any other address in the same network different from the switch IP address. Connect an Ethernet cable from your laptop or workstation to any port on the switch. After connecting the Ethernet cable try to ping the switch IP address 192.168.1.2 from your laptop or workstation. If ping is successful, then you have Ethernet connection to the switch.

Open a Web Browser Internet Explorer or Firefox



Open a web browser (Internet Explorer or Firefox) type `http://192.168.1.2`, and press enter key. You will be prompted to switch web management login page or the message above. Click on Continue to this website (not recommended) option. You will be prompted to the switch management login page

Enter the default login id: manager and Password: manager



Login ID: manager, Password: manager

Once you enter the login credential, you will be see the switch management logical view with Switch Description, Ports connected with green LEDs, IP Address, Subnet Mask, MAC Address, Uptime,and the firmware version running in the switch at the bottom left corner

The screenshot displays the 'Secure Web Management' interface for a 'Magnum 6KL Managed Edge Switch'. The interface includes a navigation menu on the left with options for 'Graphical Display', 'Administration', and 'Configuration'. The main content area shows the 'Device Ports Logical View' with three panels (A, B, C) representing different port configurations. Below this, there is a table of system information:

▶ Boot Mode:	manual	▶ Gateway:	0.0.0.0
▶ IP Address:	172.16.1.2	▶ Mac Address:	00:20:06:2d:b0:14
▶ Subnet Mask:	255.255.255.0	▶ Uptime:	0 Days 00:37:59

Version: 14.6.2

To change the default IP address of the switch, Click on the Administration tab on the left column, and then click on system (Administration ----> System). You will see the current System configuration Information. Click on edit, and change the IP address of the switch. Once you change the IP address of the switch and click OK. You will lose connectivity to the switch management access. If the IP address of the switch is in the same network 192.168.1.0, then on the browser type new IP address of the switch, and press Enter key. You should be able to access the switch management with the new IP address. If you change the IP address of the switch to a different network address. You will lose connectivity to the switch management, you will also have to change the IP address of your laptop/workstation to the same network. First thing I would recommend to ping the new IP address of the switch from your laptop/workstation(with new IP address). Once you login with your new IP address you will see the new IP address of the switch in the Switch Management Logical View Window.

User Account Creation: Administration ---> User Mgmt ----> User Accounts. You can create two level access for an user: operator and manager.

Magnum 6KL
Managed Edge Switch

Secure Web Management

GarrettCom
Industrial Networking at its Best

Graphical Display

- Administration
 - File Mgmt
 - Kill Config
 - Ping
 - Servers
 - System
 - Set
 - Telnet
 - User Mgmt
 - User Accounts**
 - User Auth Order
 - User Access
 - User Privilege
 - Reboot
 - Reboot Scheduler
 - Configuration

User Management

Logout

User Accounts

Login ID	Access		
manager	Manager		
operator	Operator		

Add

Version: 14.6.2

User with operator level access has read only access, can access the switch configuration, but can not make any changes. User with a manager level access has both read-write access. He can manage, configure, and make changes to the switch configuration. You can create user with operator or manager level access by clicking on Add button on the page

How to Reset Magnum 6K and 10K series switches to factory Default??



To set a switch to factory default, you will need switch console access (Command Line Access). You will need a serial console cable (null modem) to connect the console port of the switch. For 6KL and 10KT uses the same console cable, that is used in Cisco switches (blue cable with RJ45 connector and the DB9 connector on the other end). You can use Tera Term, Hyper Terminal, or Putty Application to access the console access. Change COM port settings for Null

Modem Cable to the following parameters

Bits per second: 38400

Data bits: 8

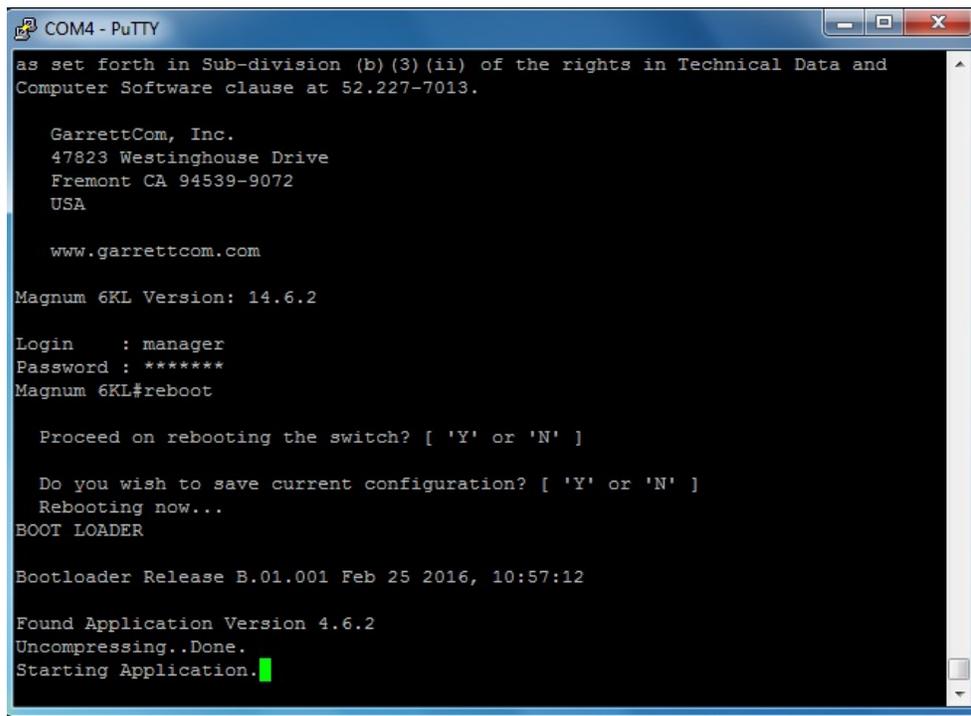
Parity: None

Stop bits: 1

Flow Control: None

This will provide access to the switch console access. Once you have access to the switch Command Line Access (CLI)

Power Cycle the switch by turning Power off and then turn on, boot up process will appear on the console screen



```
COM4 - PuTTY
as set forth in Sub-division (b) (3) (ii) of the rights in Technical Data and
Computer Software clause at 52.227-7013.

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Magnum 6KL Version: 14.6.2

Login   : manager
Password : *****
Magnum 6KL#reboot

Proceed on rebooting the switch? [ 'Y' or 'N' ]

Do you wish to save current configuration? [ 'Y' or 'N' ]
Rebooting now...
BOOT LOADER

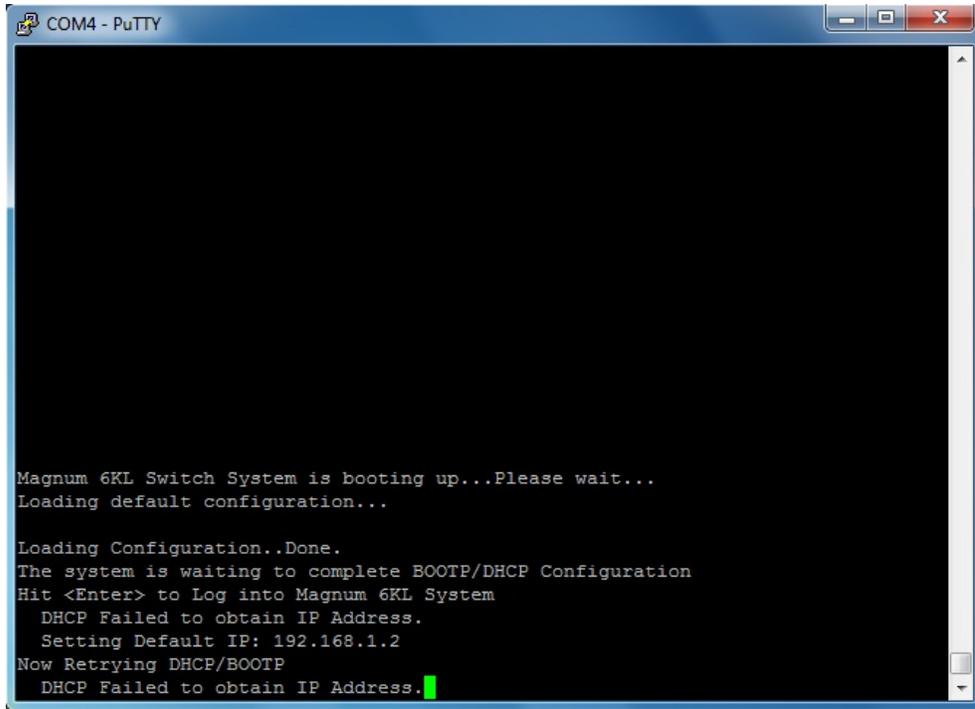
Bootloader Release B.01.001 Feb 25 2016, 10:57:12

Found Application Version 4.6.2
Uncompressing..Done.
Starting Application.█
```

On the console screen, you will see following message Bootloader version, and the Application version, and then it will start uncompressing the application file, once you see the uncompressing ...done, instantly press Ctrl and X key simultaneously couple of times in succession. This will set the switch to factory default

Note: I would highly recommend to have your finger on Ctrl and X key as soon as you see the Uncompressing word on the screen, and press Ctrl and X key as soon as you see Uncompressing ...Done. If you delay in pressing the keys, it will start loading the old configuration. If you miss it, power cycle the switch again, and follow the process again. If you see the message on the next screen, it means the switch has reset to factory default, and then you will be able to login factory default login: manager and Password: manager

To see the switch is set to factory default login



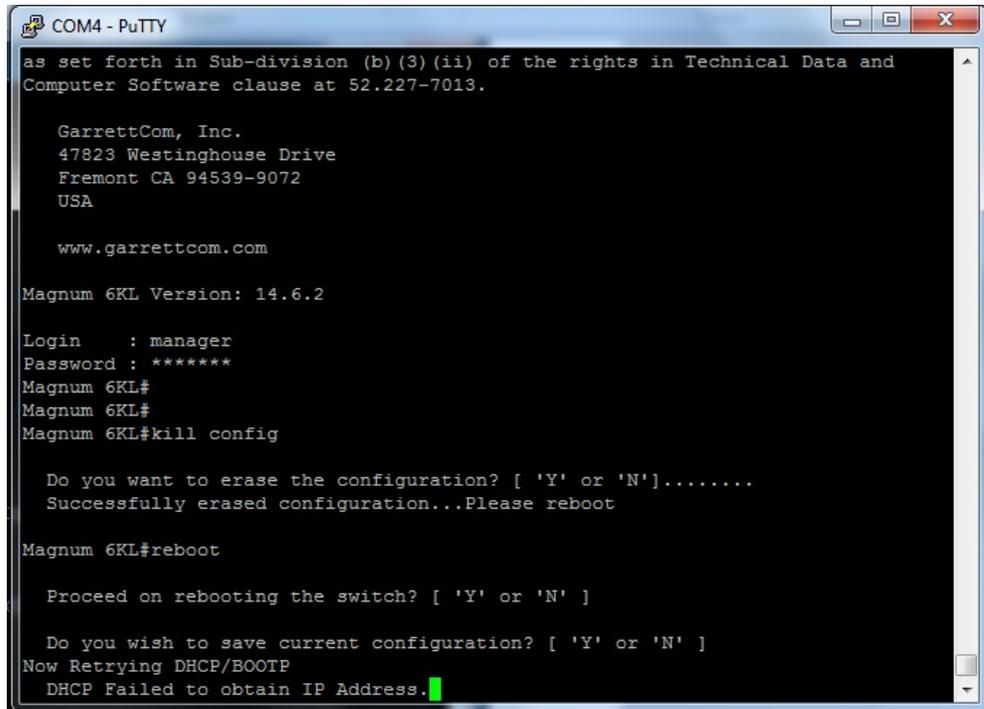
```
COM4 - PuTTY

Magnum 6KL Switch System is booting up...Please wait...
Loading default configuration...

Loading Configuration..Done.
The system is waiting to complete BOOTP/DHCP Configuration
Hit <Enter> to Log into Magnum 6KL System
  DHCP Failed to obtain IP Address.
  Setting Default IP: 192.168.1.2
Now Retrying DHCP/BOOTP
  DHCP Failed to obtain IP Address.█
```

If you see the above message, the switch login access is reset to factory default. Now you can login to switch using the factory default login: manager, and password: manager. You have gained access to the switch, but the switch still is running old configuration, with the old password set in the old configuration. One more step you have to perform before the switch is set to factory default settings.

Login to the switch console using default username: manager, and password: manager, and type kill config and reboot command at the console prompt.



```
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Magnum 6KL Version: 14.6.2

Login   : manager
Password : *****
Magnum 6KL#
Magnum 6KL#
Magnum 6KL#kill config

Do you want to erase the configuration? [ 'Y' or 'N' ].....
Successfully erased configuration...Please reboot

Magnum 6KL#reboot

Proceed on rebooting the switch? [ 'Y' or 'N' ]

Do you wish to save current configuration? [ 'Y' or 'N' ]
Now Retrying DHCP/BOOTP
DHCP Failed to obtain IP Address.█
```

It will ask for the confirmation to erase the configuration. Type "Y", and the switch will delete the configuration. The configuration is still in the memory. Reboot the switch to clear the configuration. Type the Reboot command at the switch console, Type "Y" to Proceed on rebooting the switch, and "N" to Do you wish to save the configuration. If you select "y" for the later one, it will save the configuration from memory to the flash, and it will boot up with the old configuration, which you won't be able to login, as you don't know the username and password set in the old configuration. You can start configuring the switch again.