

# **Manage & Maintain**

## **Ethernet Switch**

**ZyNOS 3.7**

## **Support Notes**

**Version 3.70**

**August 2006**

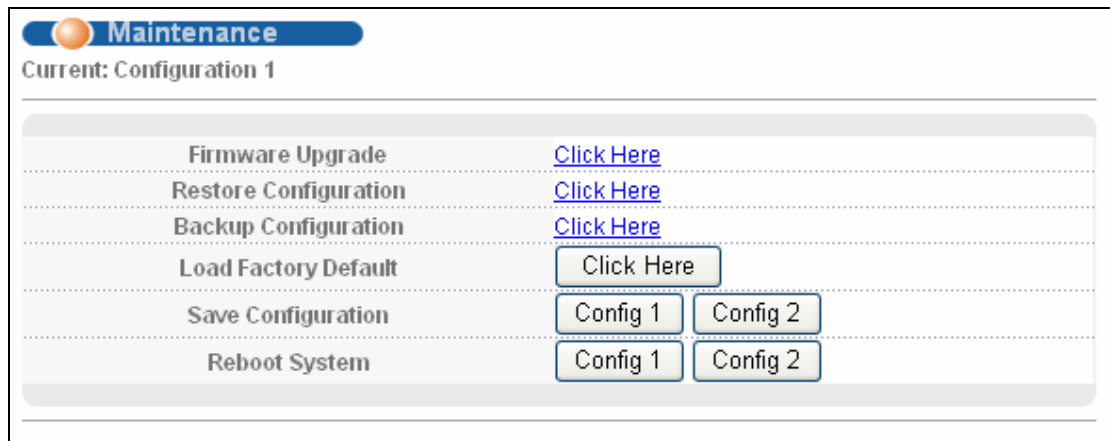


## **How to manage & maintain your Switch?**

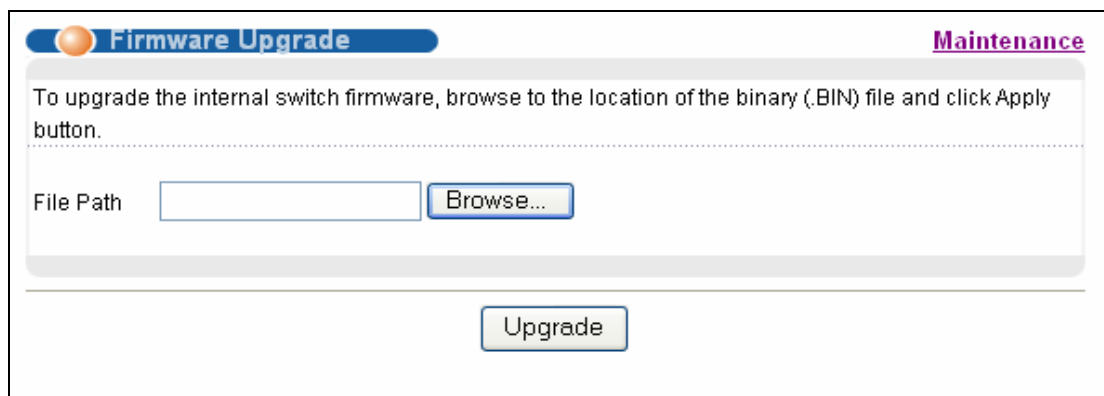
### **Firmware Upgrade**

#### **From Web GUI:**

1. Download (and unzipped) the correct model firmware to your computer.
2. Click Management and then Maintenance in the navigator panel to bring up the following screen.



3. Click on the "Click Here" link of the Firmware Upgrade to bring up the following screen.



4. Browse the firmware located or type in the path into the "File Path" field.
5. Click on the Upgrade button.

#### **From Console Port:**

1. Download (and unzipped) the correct model firmware to your computer.
2. Connect to the console port and open the Terminal Emulation Software.

3. Restarting the switch to enter the debug mode via the terminal.
4. Enter "ATUR".
5. Use X-modem protocol to transfer (Send File) the firmware.
6. Enter "ATGO" to restart the switch after done uploading the firmware.

**From Command Line FTP:**

1. Download (and unzipped) the correct model firmware to your computer.
2. Launch the FTP client on your PC to login to Switch. (From the command prompt, type "ftp <Switch IP>")
3. Press "Enter" for the User name
4. Enter password to get the ftp prompt.
5. Enter "bin" to set transfer mode to binary.
6. Use "put" to transfer the firmware from the computer to the switch, for example: "put firmware.bin ras" transfers the firmware on your computer (firmware.bin) to the switch and renames it "ras".
7. Enter "quit" to exit the ftp prompt.

## Restore a Configuration File

### From Web GUI:

1. Click Management and then Maintenance in the navigator panel to bring up the following screen.

Maintenance	
Current: Configuration 1	
Firmware Upgrade	<a href="#">Click Here</a>
Restore Configuration	<a href="#">Click Here</a>
Backup Configuration	<a href="#">Click Here</a>
Load Factory Default	<button>Click Here</button>
Save Configuration	<button>Config 1</button> <button>Config 2</button>
Reboot System	<button>Config 1</button> <button>Config 2</button>

2. Click on the “Click Here” link of the Restore Configuration to bring up the following screen.

Restore Configuration

Maintenance

To restore the device's configuration form a file, browse to the location of the configuration file and click Restore button.

File Path  Browse...

Restore

3. Browse to locate the file with the file name or type in the path and the file name into the “File Path” field.
4. Click on the Restore button.

### From Console Port:

1. Connect to the console port and open the Terminal Emulation Software.
2. Restarting the Switch to enter the debug mode via the terminal.
3. Enter “ATLC”

4. Use X-modem protocol to transfer (Send File) the firmware.
5. Enter "ATGO" to restart the Switch after done uploading the configuration file.

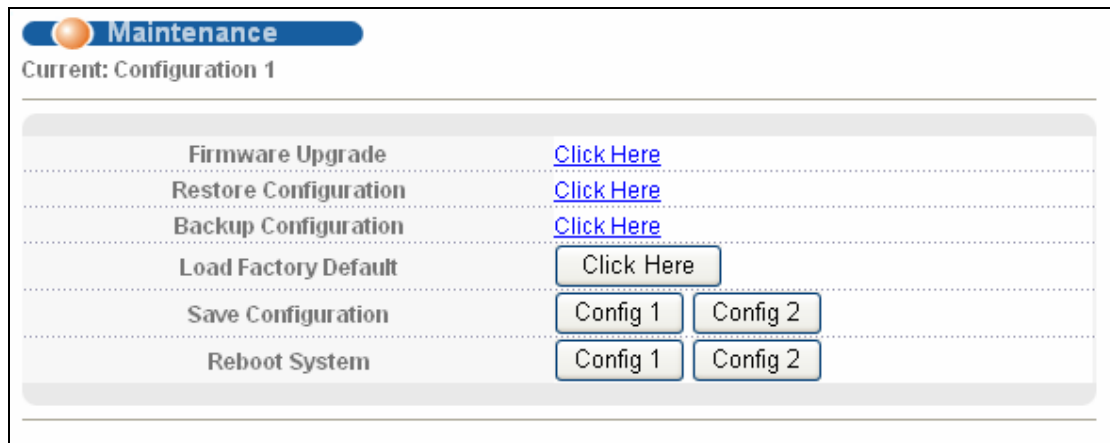
**From Command Line FTP:**

1. Download (and unzipped) the correct model firmware to your computer.
2. Launch the FTP client on your PC to login to Switch. (From the command prompt, type "ftp <Switch IP>".
3. Press "Enter" for the User name
4. Enter password to get the ftp prompt.
5. Enter "bin" to set transfer mode to binary.
6. Use "put" to transfer the the configuration file from the computer to the switch, for example: "put comfig.rom rom-0" transfers the firmware on your computer (config.rom) to the switch and renames it "rom-0".
7. Enter "quit" to exit the ftp prompt.

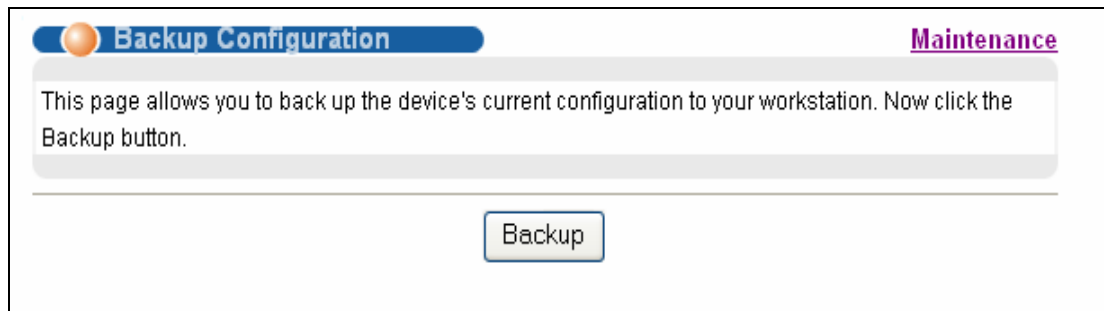
## Backing Up a Configuration File

### From Web GUI:

1. Click Management and then Maintenance in the navigator panel to bring up the following screen.



2. Click on the “Click Here” link of the Backup Configuration to bring up the following screen.



3. Click on the “Backup” button to bring up the File Download dialog. Then, clicking on the Save button to backup the configuration rom file to a proper location.

### From Console Port:

1. Connect to the console port and open the Terminal Emulation Software.
2. Restarting the Switch to enter the debug mode via the terminal.
3. Enter “ATTD”
4. Use X-modem protocol to transfer (Receive File) the firmware.

5. Enter "ATGO" to restart the Switch after done uploading the configuration file.

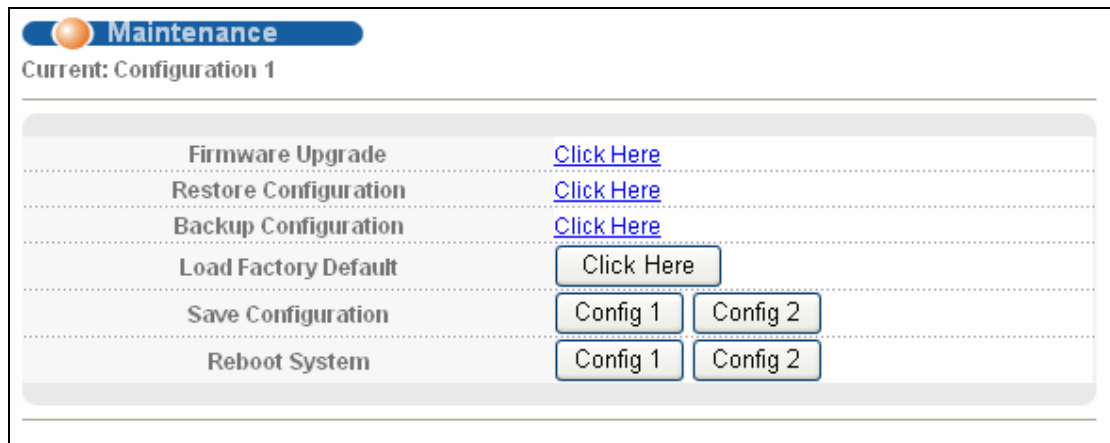
**From Command Line FTP:**

1. Download (and unzipped) the correct model firmware to your computer.
2. Launch the FTP client on your PC to login Switch. (From the command prompt, type "ftp <Switch IP>")
3. Press "Enter" for the User name
4. Enter password to get the ftp prompt.
5. Enter "bin" to set transfer mode to binary.
6. Use "get" to transfer the firmware from the computer to the switch, for example: "get rom-0 config.rom" transfers the firmware on your computer (config.rom) to the switch and renames it "config.rom".
7. Enter "quit" to exit the ftp prompt.

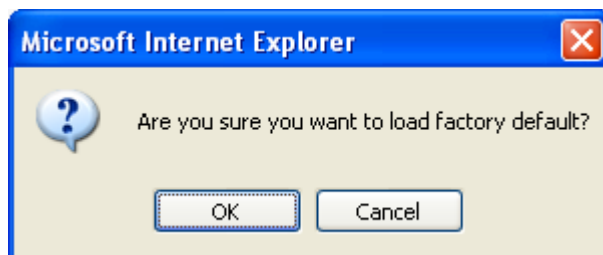
## Load Factory Defaults

### From Web GUI:

1. Click Management and then Maintenance in the navigator panel to bring up the following screen.



2. Click on the “Click Here” button of the Load Factory Defaults to bring up the following screen.
3. A dialog pops up with the message “Are you sure you want to load factory defaults?”.



4. Click OK to go to the following dialog.
5. Click on the OK button. Now, all switch configurations has been reset to the factory defaults and the system will be restarted.
6. Please note that the switch IP address is now 192.168.1.1.

### From Console Port:

1. Connect to the console port and open the Terminal Emulation Software.
2. Type in the correct password to bring up the prompt.  
Type “erase run” to load the factory default configurations.