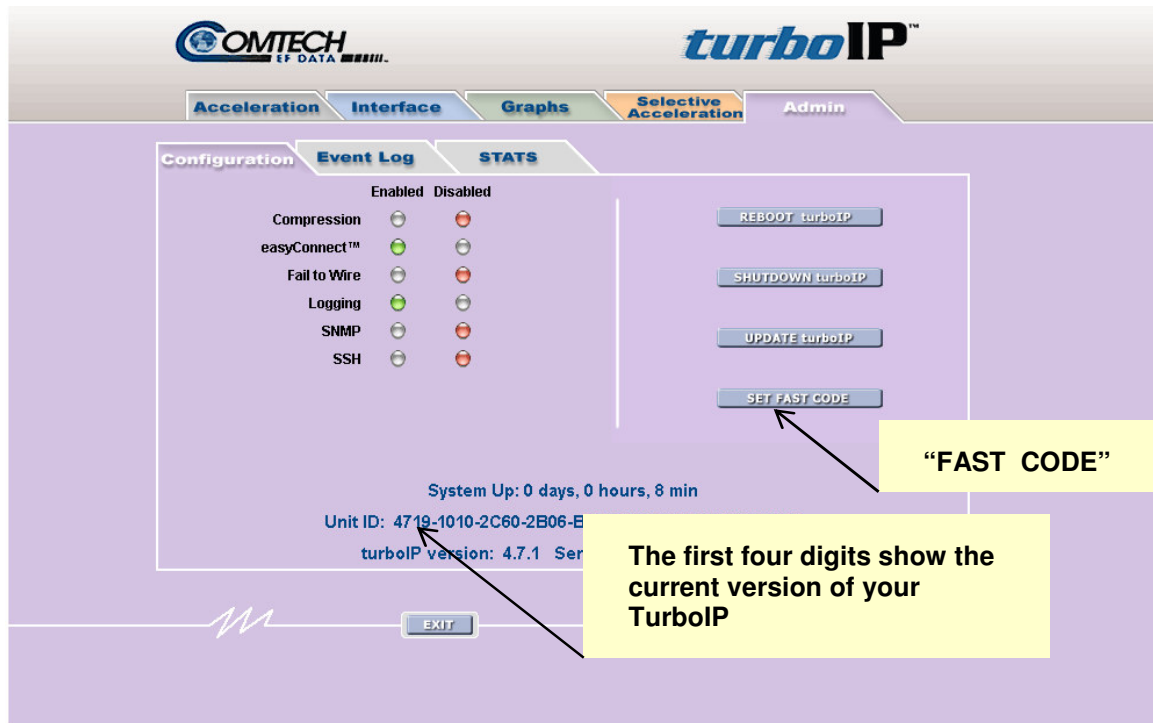


TURBOIP™ VERSION 5.1.1 UPGRADE INSTRUCTIONS

Version 5.1.1 Upgrade Files



The currently installed version can be found by:

Serial port - the version will be displayed in the upper left corner of all menus.

Web - select Administration/Upgrade *turboIP*.

Version 5.1.1 is **recommended** for all field-installed *turboIP* systems. Upgrades can be done using the “Upgrade” screens on the HTTP or CLI interfaces.

The Version 5.1.1 release package contains this document, the Release Notes, and the following files;

Fw10452W_From_471_Upgrade.zip

Fw-0000011W.mib - *MIB file for Version 5.1.1 SNMP monitoring*

Fw-0000012W.mib - *MIB file for Version 5.1.1 SNMP monitoring*

IMPORTANT NOTES

- Do not “unzip” the upgrade file since it is in a proprietary format.
- The MIB files are only needed for SNMP monitoring and should be compiled on a MIB Browser or SNMP NMS monitor PC.

Backward Compatibility

A turboIP unit running V5.1.1 is verified compatible with turboIP units running V4.5.X and greater. No guarantee is being provided, at this time, that V5.1.1 will be compatible with versions before V4.5.X. However, to avoid performance degradation and future compatibility issues, a network-wide upgrade of all units to V5.1.1 should be performed.

turboIP Upgrade Procedure

The *turboIP* can be upgraded by one of two methods; using an FTP server with the upgrade file or by placing the upgrade file on the same PC that you are using to web browse the *turboIP*. From the Admin page, select Upgrade *turboIP* and then select the preferred method.

The screenshot displays the COMTECH turboIP Admin web interface. At the top, there are navigation tabs: Acceleration, Interface, Graphs, Selective Acceleration, and Admin. The Admin tab is currently selected. Below the tabs, a message reads: "Please select one of the update methods below:". There are two main options presented as text blocks, each with a corresponding button to its right. The first option describes upgrading via an FTP server, requiring username, password, server address, and file path/filename; the button next to it is labeled "FTP UPDATE". The second option describes upgrading from the local computer, requiring the file path and filename; the button next to it is labeled "UPLOAD UPDATE". At the bottom center, there is a "CANCEL" button. Below the buttons, the "Unit ID" is displayed as "4719-1010-2C60-2B06-B0FF-81E0-1007-1133-FWFC". The footer includes the COMTECH logo on the left and the "Accelerated by SKIPWARE" logo on the right.

COMTECH
EF DATA

turboIP™

Acceleration Interface Graphs Selective Acceleration Admin

Please select one of the update methods below:

This method requires the update file to be on an FTP server that is accessible to the turboIP. You need to provide the username, password, server address, and path and filename of the update file on the server.

FTP UPDATE

This method requires the update file to be on the same computer as the web browser you are currently using. You need to provide the path and filename of the update file.

UPLOAD UPDATE

CANCEL

Unit ID: 4719-1010-2C60-2B06-B0FF-81E0-1007-1133-FWFC

Accelerated by
SKIPWARE®

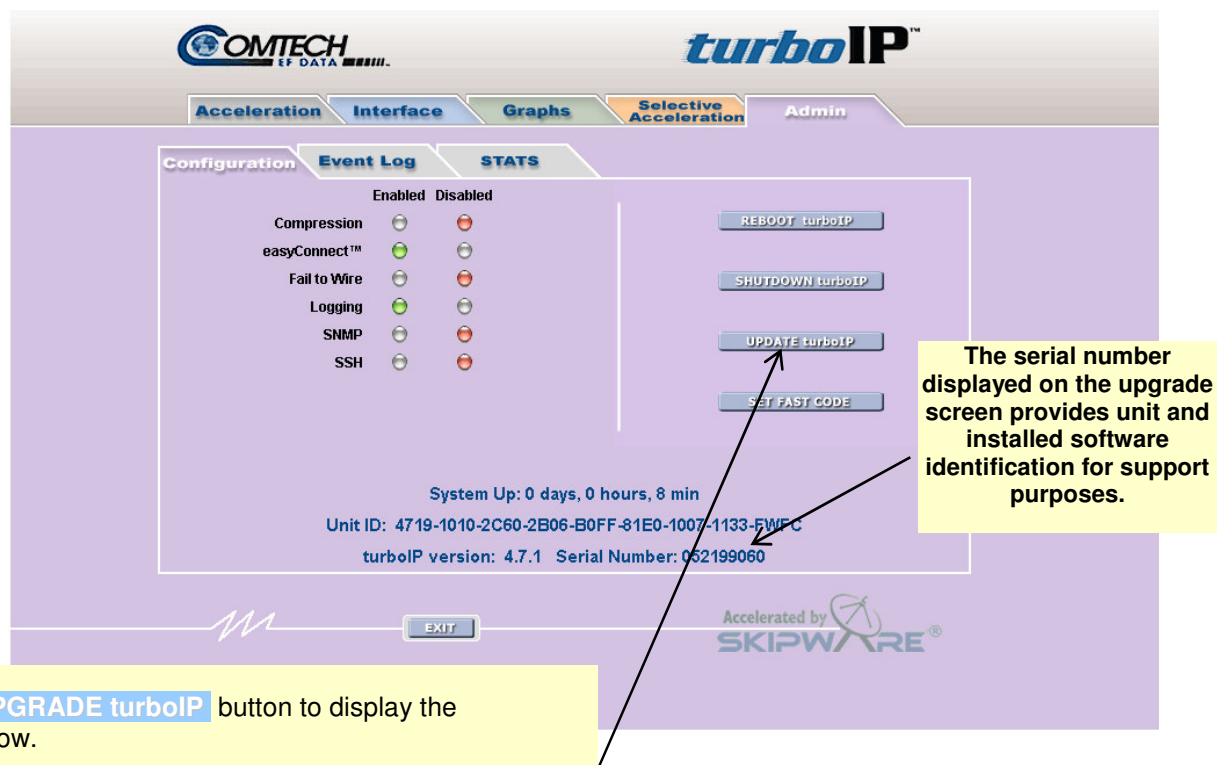
turboIP Upgrade Procedure using an FTP server

To upgrade the *turboIP* by FTP, the upgrade file needs to be placed on an FTP Server .

Configure your FTP Server with a login name and password with the Home Directory set to the location of the upgrade file – [fw10452W_From_471_Upgrade.zip](#)

In this example, the file has been renamed to [upgrade.zip](#).

Use the **UPGRADE turboIP** function to upgrade the unit's software.



The screenshot displays the COMTECH turboIP web interface. The top navigation bar includes tabs for Acceleration, Interface, Graphs, Selective Acceleration, and Admin. The main content area is divided into Configuration, Event Log, and STATS sections. The Configuration section contains a table of settings with 'Enabled' and 'Disabled' columns. The STATS section displays system information including 'System Up' time, 'Unit ID', 'turboIP version', and 'Serial Number'. A yellow callout box points to the 'UPDATE turboIP' button, stating: 'The serial number displayed on the upgrade screen provides unit and installed software identification for support purposes.' Another yellow callout box at the bottom left states: 'Select the **UPGRADE turboIP** button to display the upgrade window.'

	Enabled	Disabled
Compression	<input type="radio"/>	<input type="radio"/>
easyConnect™	<input type="radio"/>	<input type="radio"/>
Fail to Wire	<input type="radio"/>	<input type="radio"/>
Logging	<input type="radio"/>	<input type="radio"/>
SNMP	<input type="radio"/>	<input type="radio"/>
SSH	<input type="radio"/>	<input type="radio"/>

System Up: 0 days, 0 hours, 8 min
Unit ID: 4719-1010-2C60-2B06-B0FF-81E0-1007-1133-FWFC
turboIP version: 4.7.1 Serial Number: 052199060

REBOOT turboIP
SHUTDOWN turboIP
UPDATE turboIP
SET FAST CODE

EXIT

Accelerated by SKIPWARE®

Please select one of the update methods below:

This method requires the update file to be on an FTP server that is accessible to the turboIP. You need to provide the username, password, server address, and path and filename of the update file on the server.

[FTP UPDATE](#)

This method requires the update file to be on the same computer as the web browser you are currently using. You need to provide the path and filename of the update file.

[UPLOAD UPDATE](#)[CANCEL](#)

Unit ID: 4719-1010-2C60-2B06-B0FF-81E0-1007-1133-FWFC



COMTECH **turboIP™**

Acceleration Interface Graphs Selective Acceleration Admin

User Name: FTP Server:
 Password: File:

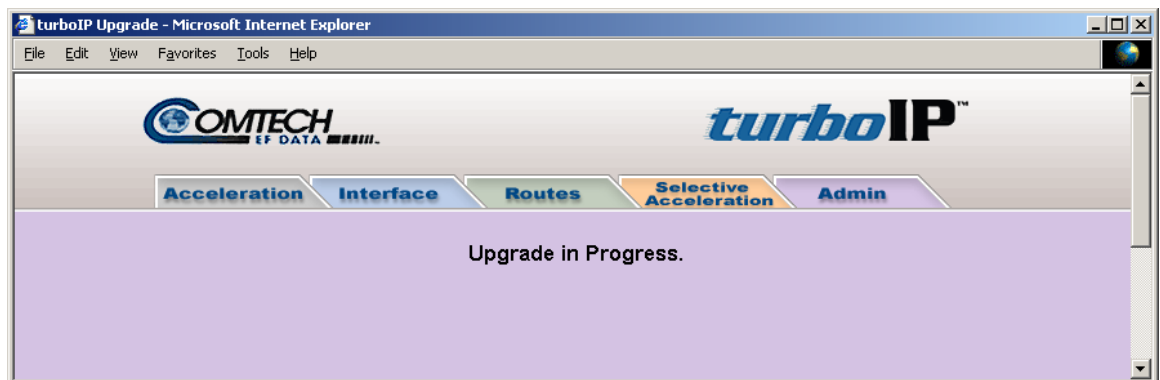
CANCEL UPDATE turboIP

Unit ID: 4719-2020-3B06-1106-B700-05B7-1007-1135-FWFD

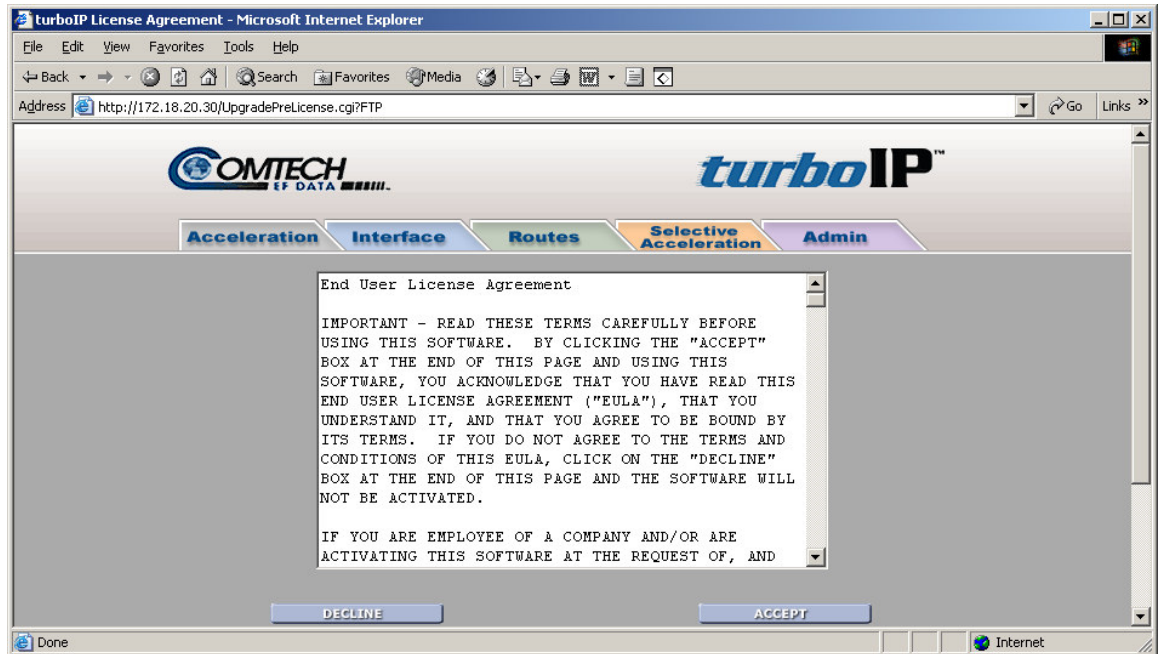
Accelerated by SKIPWARE®

Field	Description
User Name	Enter the login name for the FTP Server.
Password	Enter the password for the FTP Server
FTP Server	Enter the IP Address for the FTP Server (eg. 10.10.10.1)
File	Enter the File name of the upgrade package (and the pathname if the file is not located in root directory) <div>File: <input type="text" value="turboIP/upgrade.zip"/></div>

When ready, pressing **UPGRADE turboIP** will force the unit to attempt to connect to the FTP Server and load a new image.



Once the upgrade completes successfully, the following EULA message is displayed:



After accepting the EULA, the following message is displayed:

Upgrade Complete!

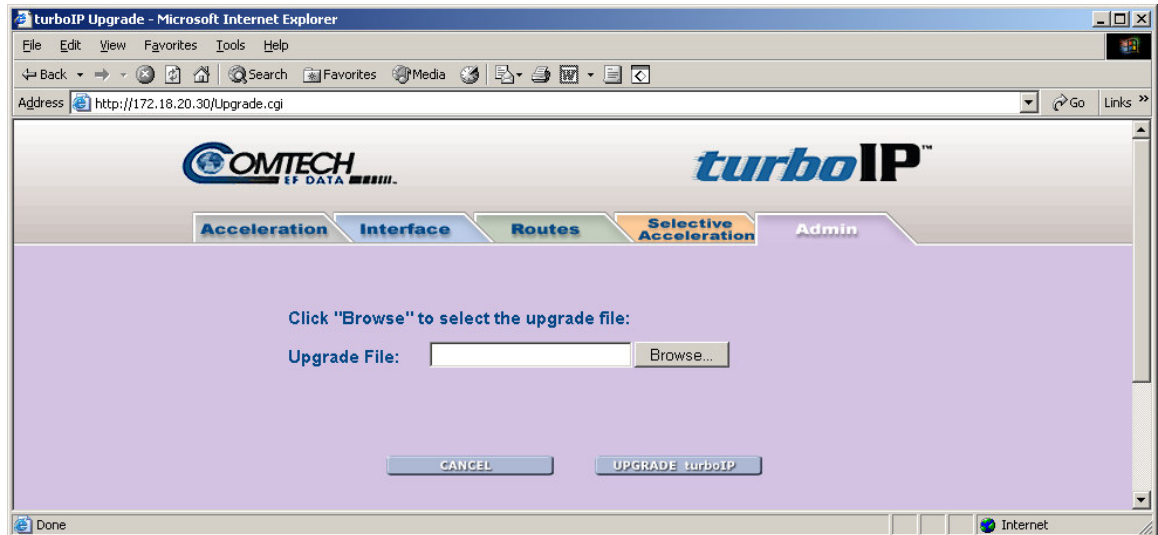
The turboIP will now reboot.

You will need to Power cycle the TurboIP to go to Version 5.1.1.

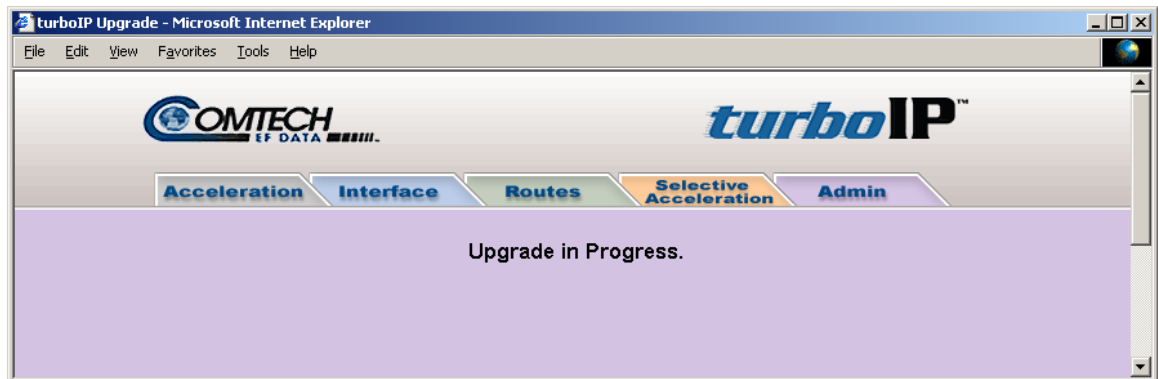


turboIP Upgrade Procedure using Upload Upgrade

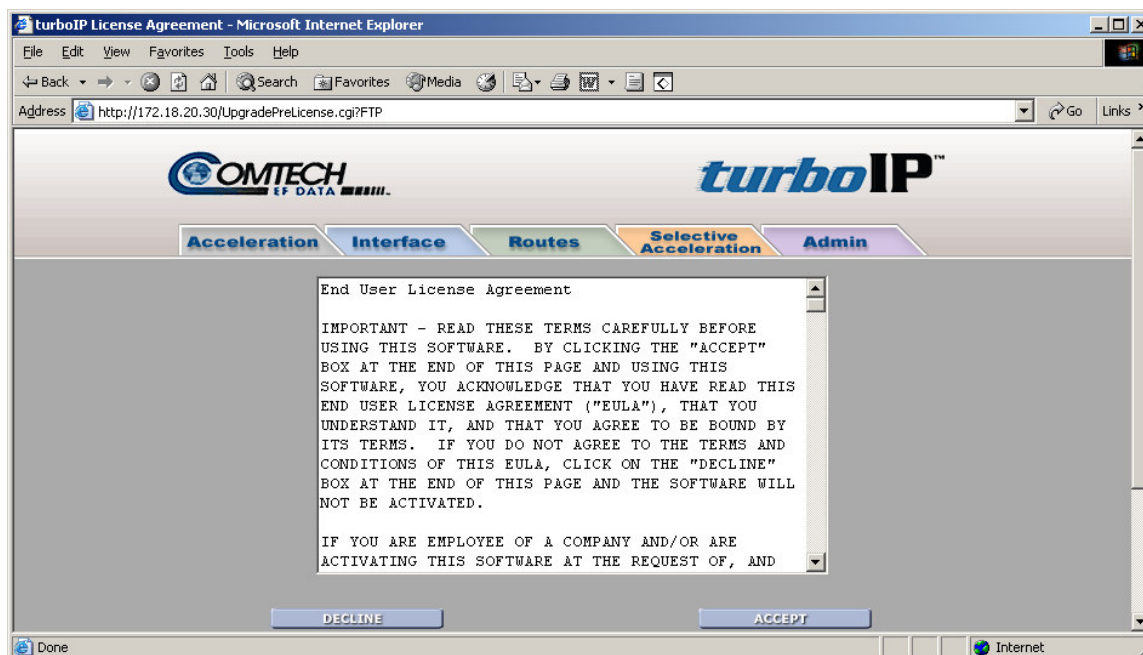
To upgrade the *turboIP* by FTP, the upgrade file needs to be placed on same PC that you are using to web browse the *turboIP*. Click “Browse” to select the path to the directory containing the upgrade file.



When ready, select **UPGRADE turboIP** and the upgrade file will be loaded on *turboIP*.



Once the upgrade completes successfully, the following EULA message is displayed:

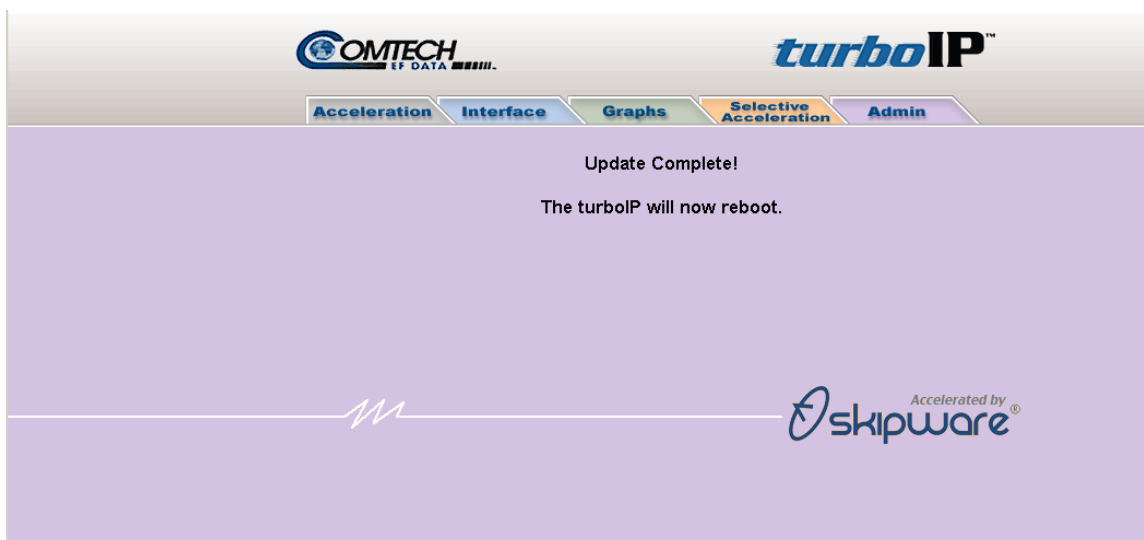


After accepting the EULA, the following message is displayed:

Upgrade Complete!

The turboIP will now reboot.

You will need to Power cycle the TurboIP to go to Version 5.1.1.

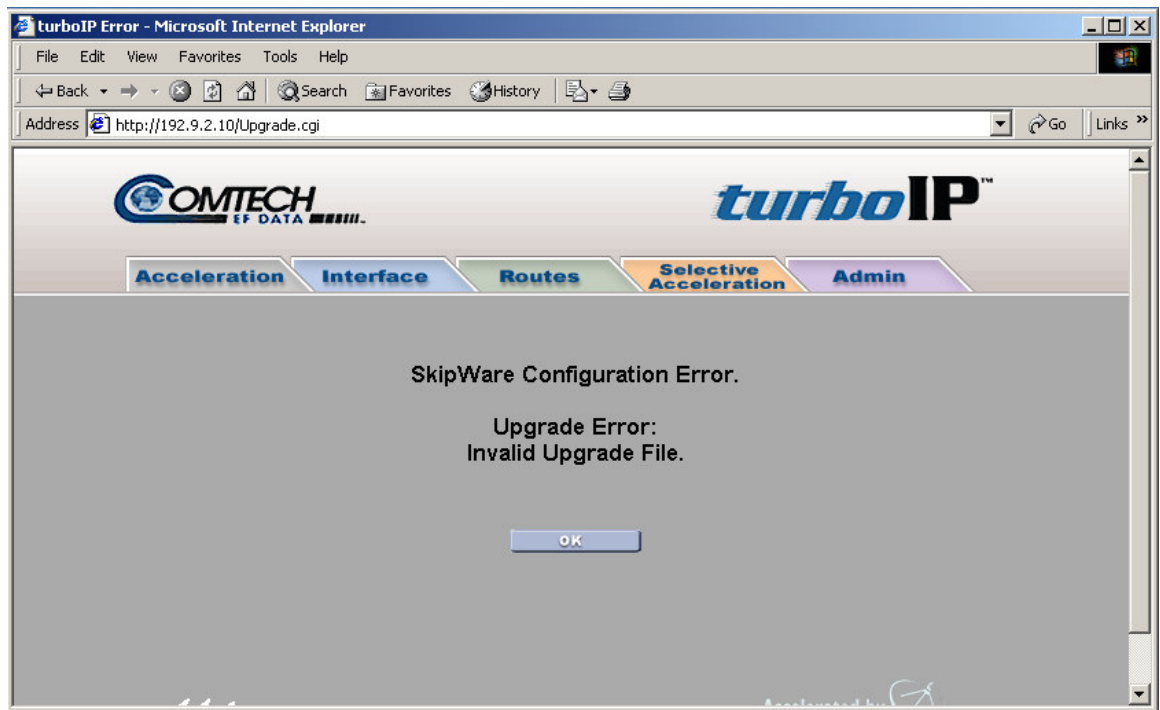


TurboIP Upgrade Troubleshooting

If the upgrade process fails, the failure may be due to any of these causes:

- Incorrect username / password
- Incorrect FTP server IP address
- File does not exist
- Specified file is not a valid upgrade file

Appropriate messages are displayed in each case. For example, if the file is not a valid upgrade file or has been corrupted, the following message is displayed:



Contact CEFD Network Product Support cdmipsupport@comtechefdata.com if there are any difficulties or questions about upgrading your turboIP.