

Updating Linux through the web

Updating the Linux OS using the web
interface

Overview

Software updates can be installed remotely through the web interface or through SSH.

The software updates will be either Rockhound updates or updates to the underlying Linux Operating System.

This tutorial describes how to install updates to the Linux OS using the web interface.

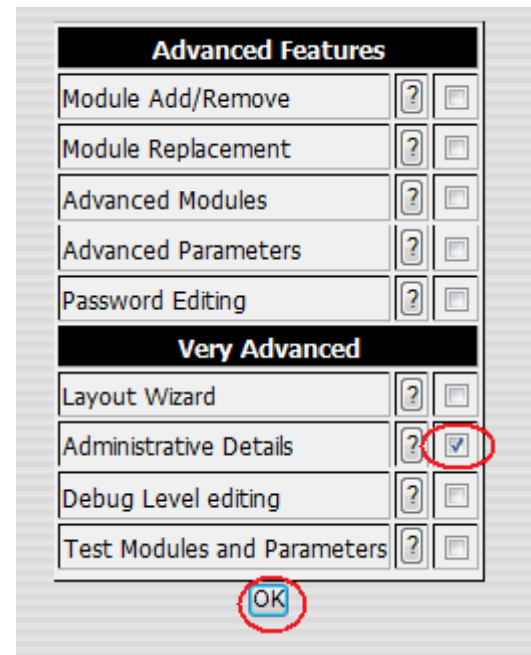
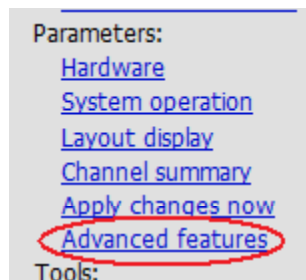
Check versions

The first thing to do is to check versions by looking at the “System Info” section of the web interface’s Overview page. You are looking for the “KMI Rock filesystem 2.1.0 Update xxx” line. In this example, we are at Update 15.

System Info
Serial number: 4
System started on: 2010/10/21 14:44:38 GMT
Restart count: 1521
Number of streams (incl SOH): 12
IP Address: 10.0.1.114
Software version: 3.6
KMI Rock filesystem 2.1.0 Update 15

Enable Administrative Details

From the left pane, select “Advanced features” and then select Administrative Details and click OK



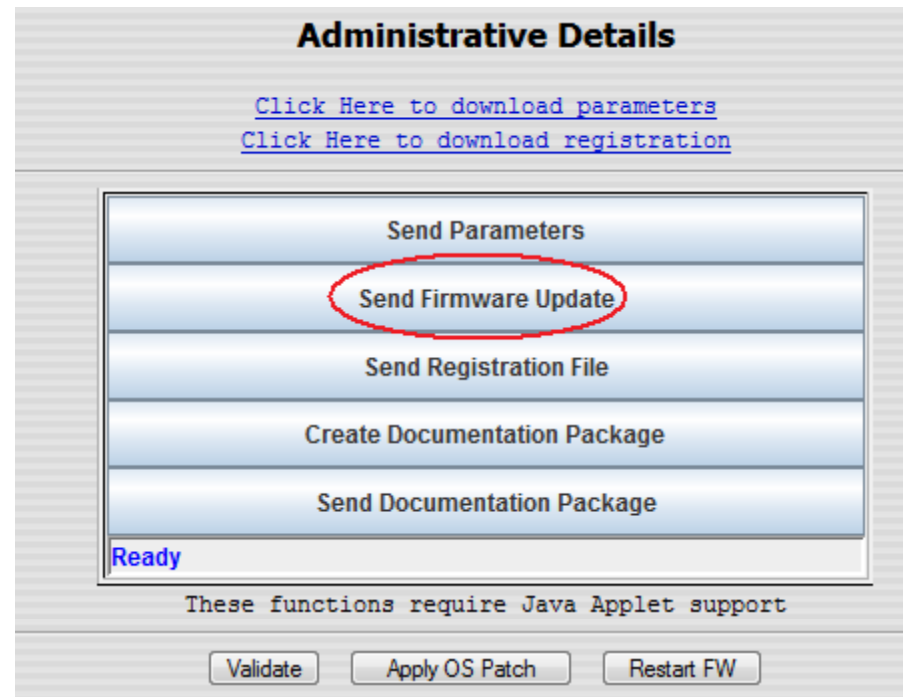
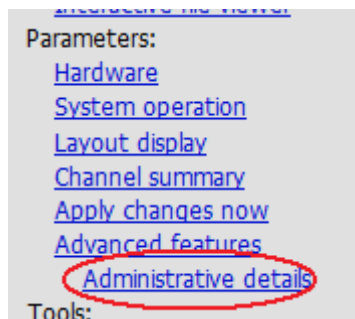
Click OK again

Advanced User setup exit

OK

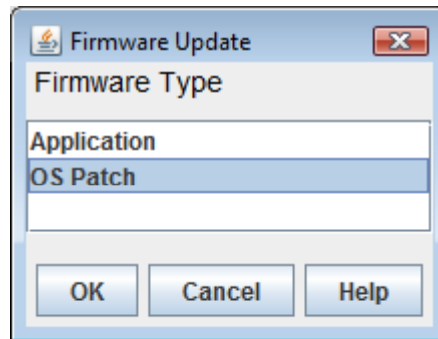
Start the firmware update

Select “Administrative details” from the left pane, and then click “Send Firmware Update” from the right



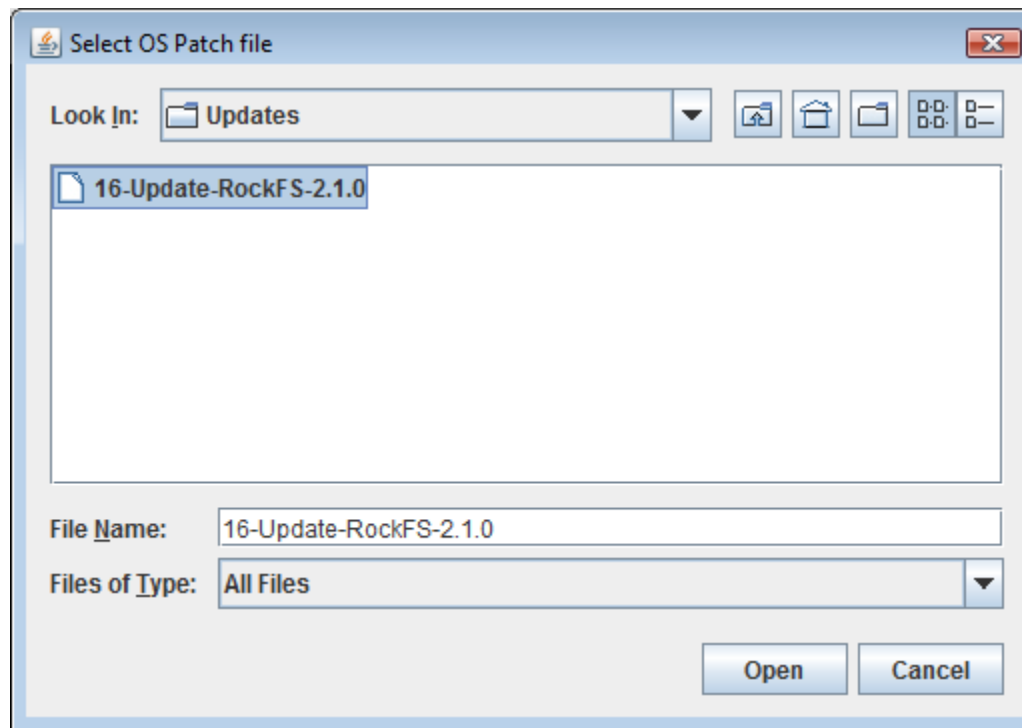
Choose firmware type

When asked for the firmware type, choose “OS Patch” and press OK



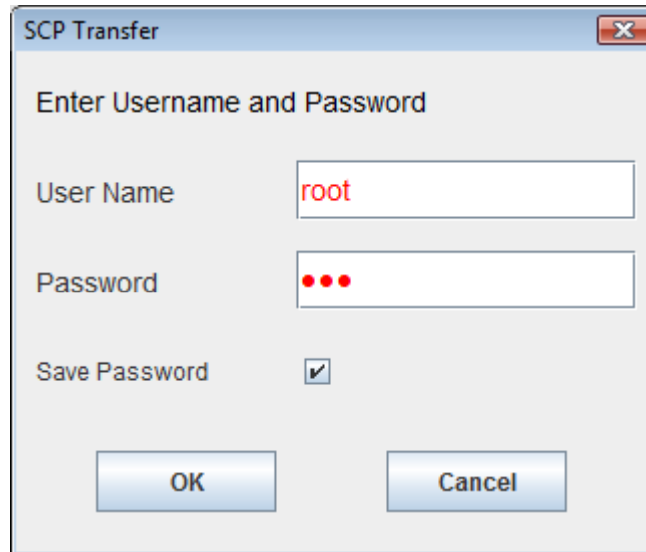
Select the update file

When the file browser appears, navigate to the folder containing the update file, select the file and press Open



Enter your root password

When the password dialog appears, enter your root username and password and press OK. If you select “Save Password”, the password will be remembered on your computer for next time



The image shows a dialog box titled "SCP Transfer" with a close button in the top right corner. The dialog contains the following elements:

- The title "SCP Transfer" and a close button (X) in the top right corner.
- The instruction "Enter Username and Password" centered at the top.
- A "User Name" label followed by a text input field containing the text "root".
- A "Password" label followed by a password input field containing three red dots.
- A "Save Password" label followed by a checked checkbox.
- Two buttons at the bottom: "OK" on the left and "Cancel" on the right.

The file will begin transferring



Apply the update

When the file transfer is completed, press Apply OS Patch.

This will take approximately 5 minutes.

When done, check the versions on the overview page to be sure that the update installed correctly.

Administrative Details

[Click Here to download parameters](#)
[Click Here to download registration](#)

Send Parameters
Send Firmware Update
Send Registration File
Create Documentation Package
Send Documentation Package

File transfer completed

These functions require Java Applet support

Validate **Apply OS Patch** Restart FW

The screenshot shows a web interface titled "Administrative Details". It contains two blue hyperlinks: "Click Here to download parameters" and "Click Here to download registration". Below these is a list of five actions, each in a blue button: "Send Parameters", "Send Firmware Update", "Send Registration File", "Create Documentation Package", and "Send Documentation Package". A red oval highlights the text "File transfer completed" in blue. Below this is the text "These functions require Java Applet support". At the bottom, there are three buttons: "Validate", "Apply OS Patch" (highlighted with a red oval), and "Restart FW".