

QN-003-WUK

How to Upgrade the Firmware on ADSL and xRD routers

Upgrading the Firmware on all ADSL/BRD broadband routers and MRD wireless routers



OVERVIEW

The following pages show how to upgrade the firmware on the MRD wireless routers and ADSL-350/BRD-355 broadband routers. Please ensure you have read and understood the legal.pdf regarding License and Copyright when using the firmware. This document can be found in the Firmware folder along with the firmware release notes.

UPGRADING THE FIRMWARE OF THE ADSL-350/BRD-355 OR THE MRD-SERIES

Do not disconnect the power from the unit during the upgrade procedure!

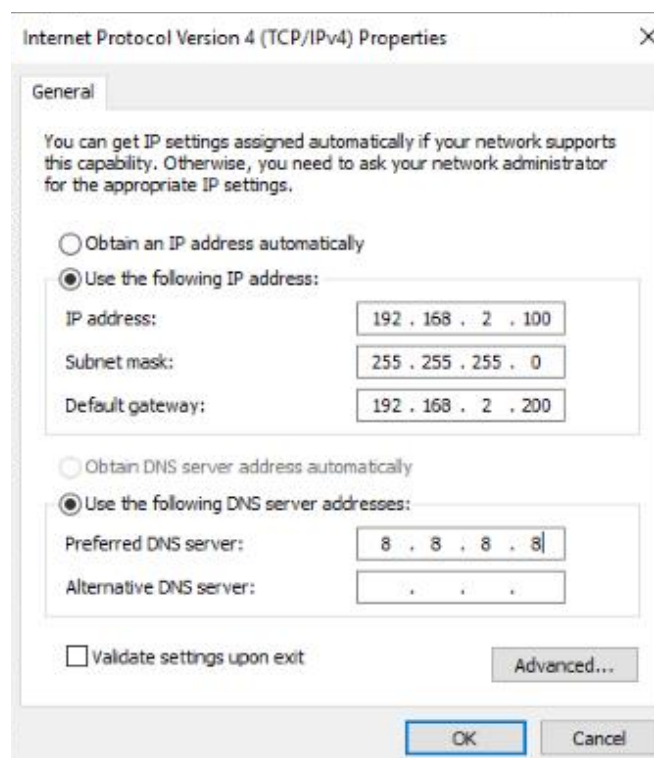
Verify that the upgrade has been successful before disconnecting the unit.

Westermo recommends user to have local access to the unit before commencing the upgrade procedure.

STEP 1 – CONFIGURE YOUR IP

In order to connect to the unit via the web-inteface, you need to configure your pc to the same subnet.

Configure your PC to the same subnet

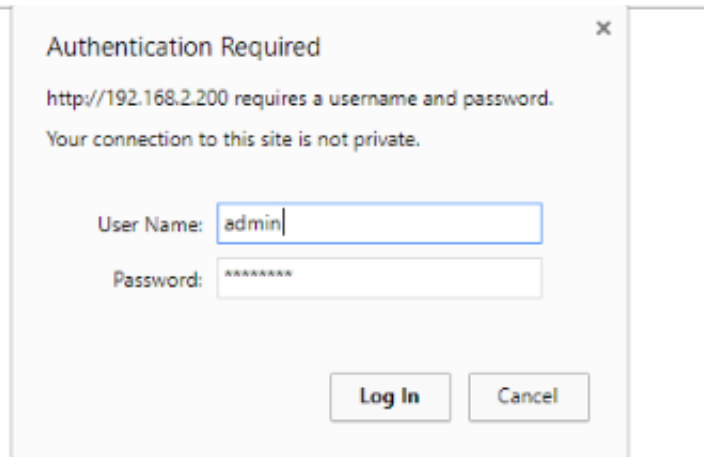


STEP 2 – BACKUP YOUR CONFIGURATION

In order to make sure that your configuration is not lost during the upgrade procedure, please make sure to backup your settings.

1. Login to the web-user-interface of the unit
(default IP: 192.168.2.200 subnet: 255.255.255.0)

Default credentials : admin
westermo



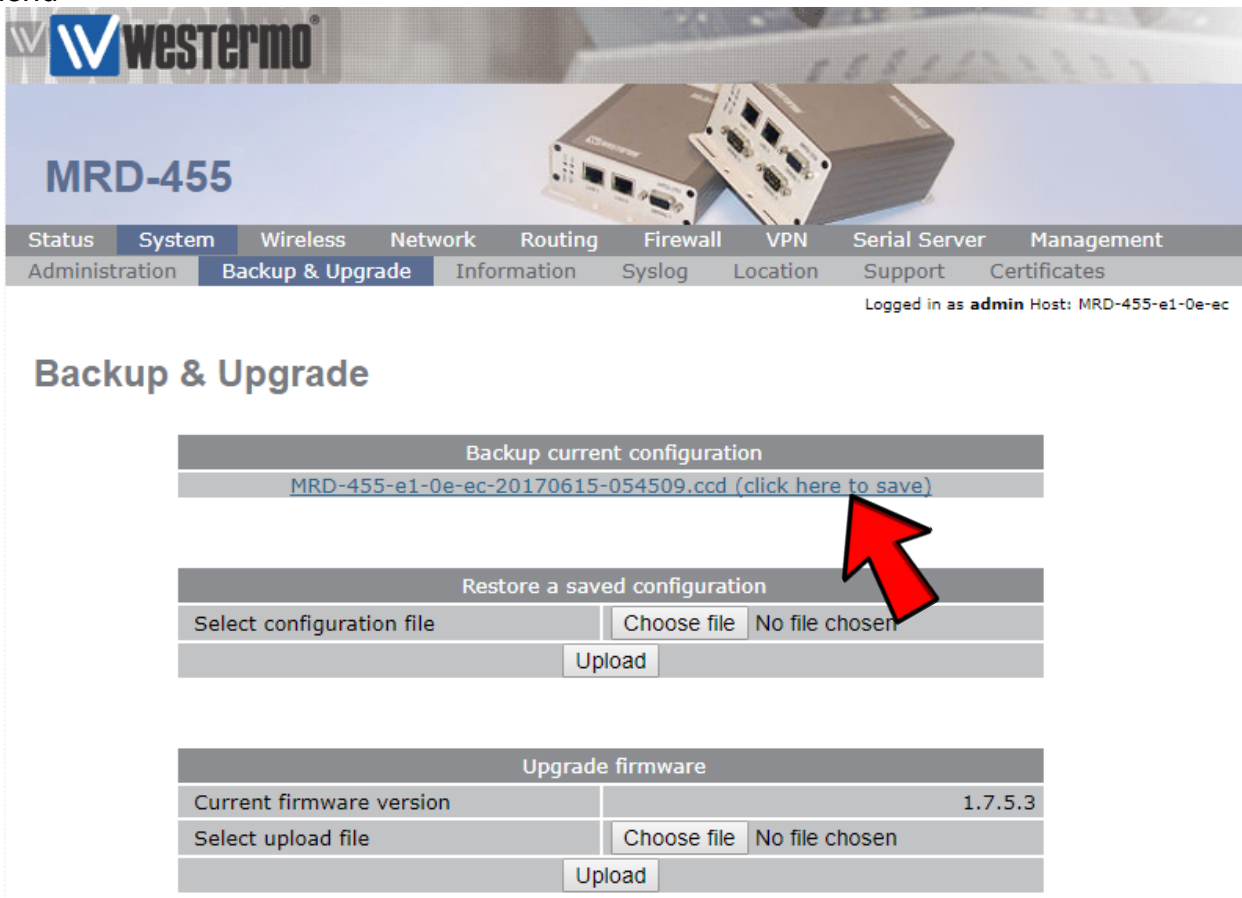
Authentication Required

http://192.168.2.200 requires a username and password.
Your connection to this site is not private.

User Name:

Password:

2. Access the “Backup & Upgrade” page by clicking System -> Backup & Upgrade in the menu



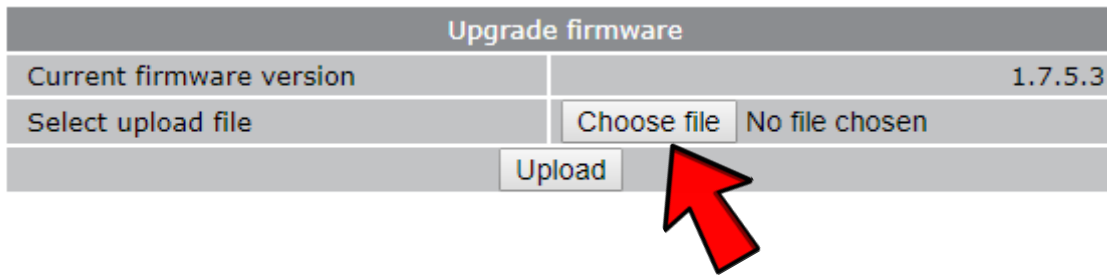
The screenshot shows the Westermo MRD-455 web interface. The top navigation bar includes: Status, System, Wireless, Network, Routing, Firewall, VPN, Serial Server, Management, Administration, Backup & Upgrade, Information, Syslog, Location, Support, Certificates. The user is logged in as 'admin' on host 'MRD-455-e1-0e-ec'. The 'Backup & Upgrade' section is active and contains three main areas:

- Backup current configuration**: A link to [MRD-455-e1-0e-ec-20170615-054509.ccd \(click here to save\)](#) is highlighted with a red arrow.
- Restore a saved configuration**: Includes a 'Select configuration file' field, a 'Choose file' button, and an 'Upload' button.
- Upgrade firmware**: Shows the current firmware version as 1.7.5.3, with a 'Select upload file' field, a 'Choose file' button, and an 'Upload' button.

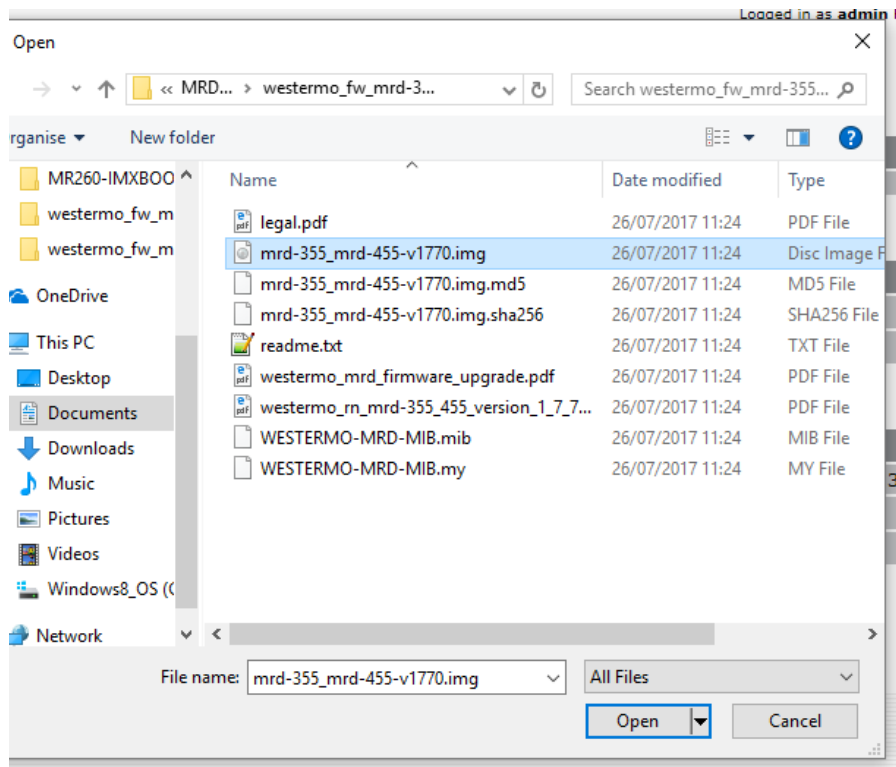
3. Now click on the link under “Backup current configuration” and save the file

STEP 3 – UPGRADE THE FIRMWARE

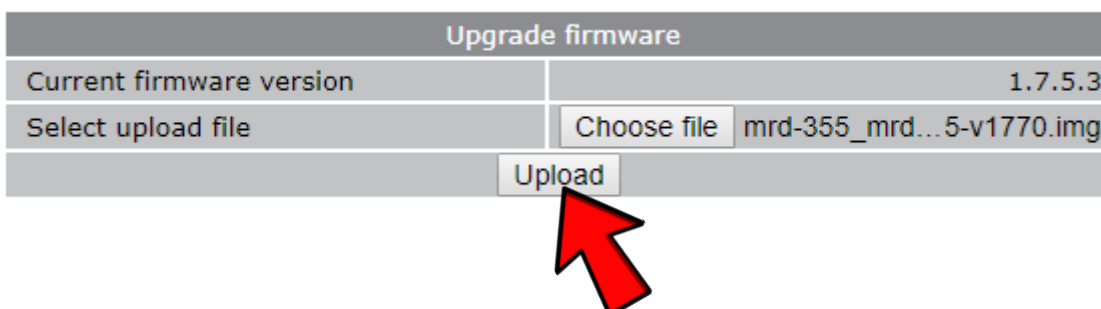
1. Click on the “Choose file” tab under “Upgrade firmware” and navigate to the firmware file in the popup window.



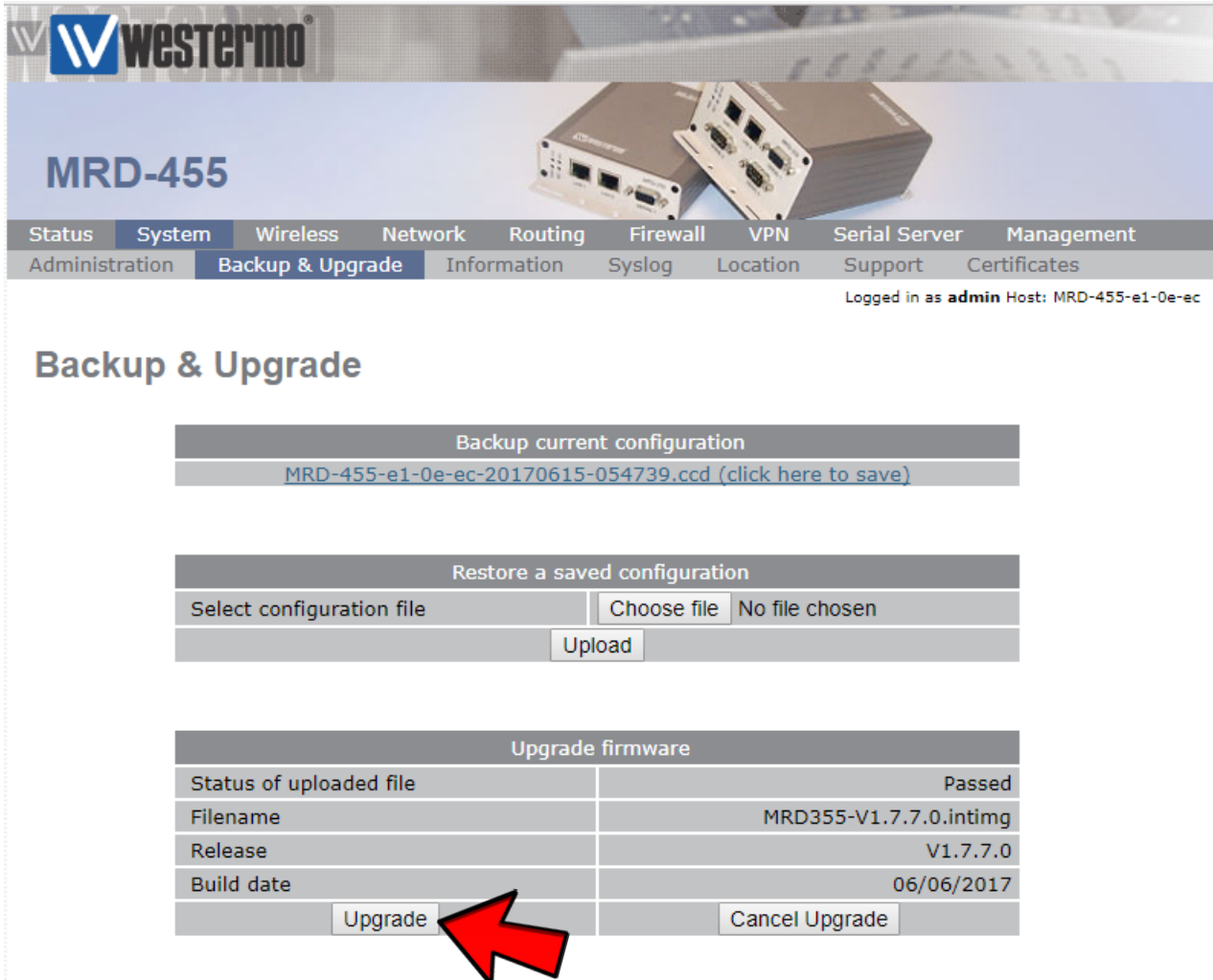
2. Select the .img file and click open



3. Now click “Upload” and wait for the file to be uploaded to the unit.



4. The file will be verified before the actual upgrade procedure is started. As the screenshot below illustrates the user can either go ahead with the upgrade procedure by clicking on “Upgrade” or abort by clicking “Cancel Upgrade”



The screenshot shows the Westermo MRD-455 web interface. The navigation menu includes Status, System, Wireless, Network, Routing, Firewall, VPN, Serial Server, and Management. The 'Backup & Upgrade' section is active, showing options for backup and restore. The 'Upgrade firmware' section displays the following table:

Upgrade firmware	
Status of uploaded file	Passed
Filename	MRD355-V1.7.7.0.intimg
Release	V1.7.7.0
Build date	06/06/2017
<input type="button" value="Upgrade"/>	<input type="button" value="Cancel Upgrade"/>

A red arrow points to the 'Upgrade' button.

Firmware uploaded and verified as a valid firmware file.

5. Please click “Upgrade” to begin the upgrade procedure.

6. The unit will now be upgraded to the new firmware version and will be rebooted once the upgrade is completed.



Firmware upgrade procedure in progress. Do **NOT** disconnect the power!

7. The web page will not be updated automatically once the firmware upgrade is completed. The upgrade process is between 5-10 min for a major upgrade where unique security certificates are being generated.

8. Once the firmware upgrade is completed, you can verify this simply by refreshing the page.



Backup & Upgrade

Backup current configuration	
MRD-455-e1-0e-ec-20170615-055307.ccd (click here to save)	

Restore a saved configuration	
Select configuration file	<input type="button" value="Choose file"/> No file chosen
<input type="button" value="Upload"/>	

Upgrade firmware	
Current firmware version	1.7.7.0
Select upload file	<input type="button" value="Choose file"/> No file chosen
<input type="button" value="Upload"/>	

Should you require assistance with the process or have any questions, please contact your local Westermo Support office.

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or scan the QR code with your mobile phone.*