



# Unleashed Configuration – File Management Guide

Firmware Version: 200.12

# Unleashed File Management Guide

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The Unleashed file management guide showcases the powerful tools needed to have a successful maintained Unleashed Network. In this presentation, we will discuss the methods of backing up and restoring projects, upgrading the Unleashed Network to the latest firmware, and how to migrate firmware from Unleashed to another controller platform.

# Steps to Perform for the File Management Guide

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- Chapter 1 - Getting Started
- Chapter 2 - Backup and Restore
- Chapter 3 - Performing an Online Upgrade to Unleashed System
- Chapter 4 - Performing a Local Upgrade to Unleashed AP
- Chapter 5 - Migrating a New-in-Box Standalone AP
- Chapter 6 - Migrating a Previously Configured Standalone AP

# Chapter 1 - Getting Started

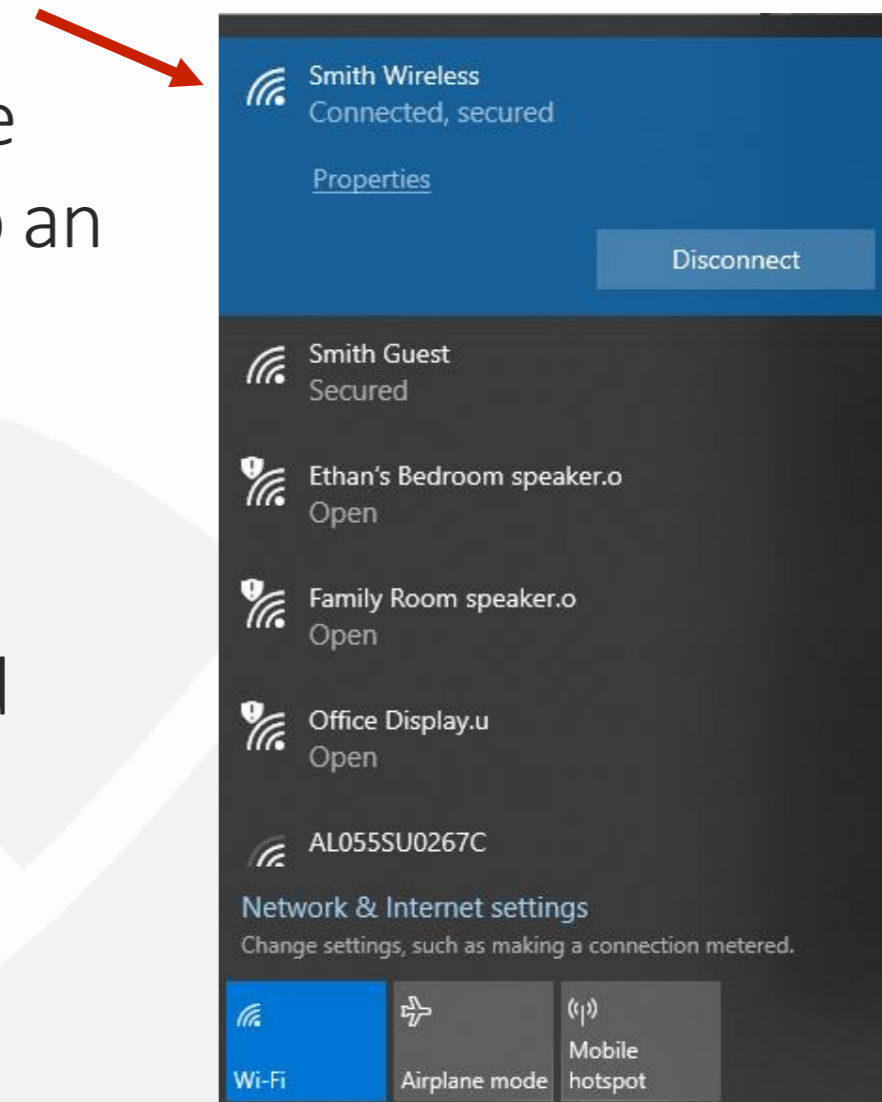


## Connect to the Unleashed Network

Using the Wi-Fi configuration settings on your client device (such as a laptop or mobile device), select and associate to an Unleashed WLAN, and launch a web browser.

Now connect to any non-client isolating Unleashed WLAN.

In your browser's URL bar, enter the following address and press Enter: **unleashed.ruckuswireless.com**



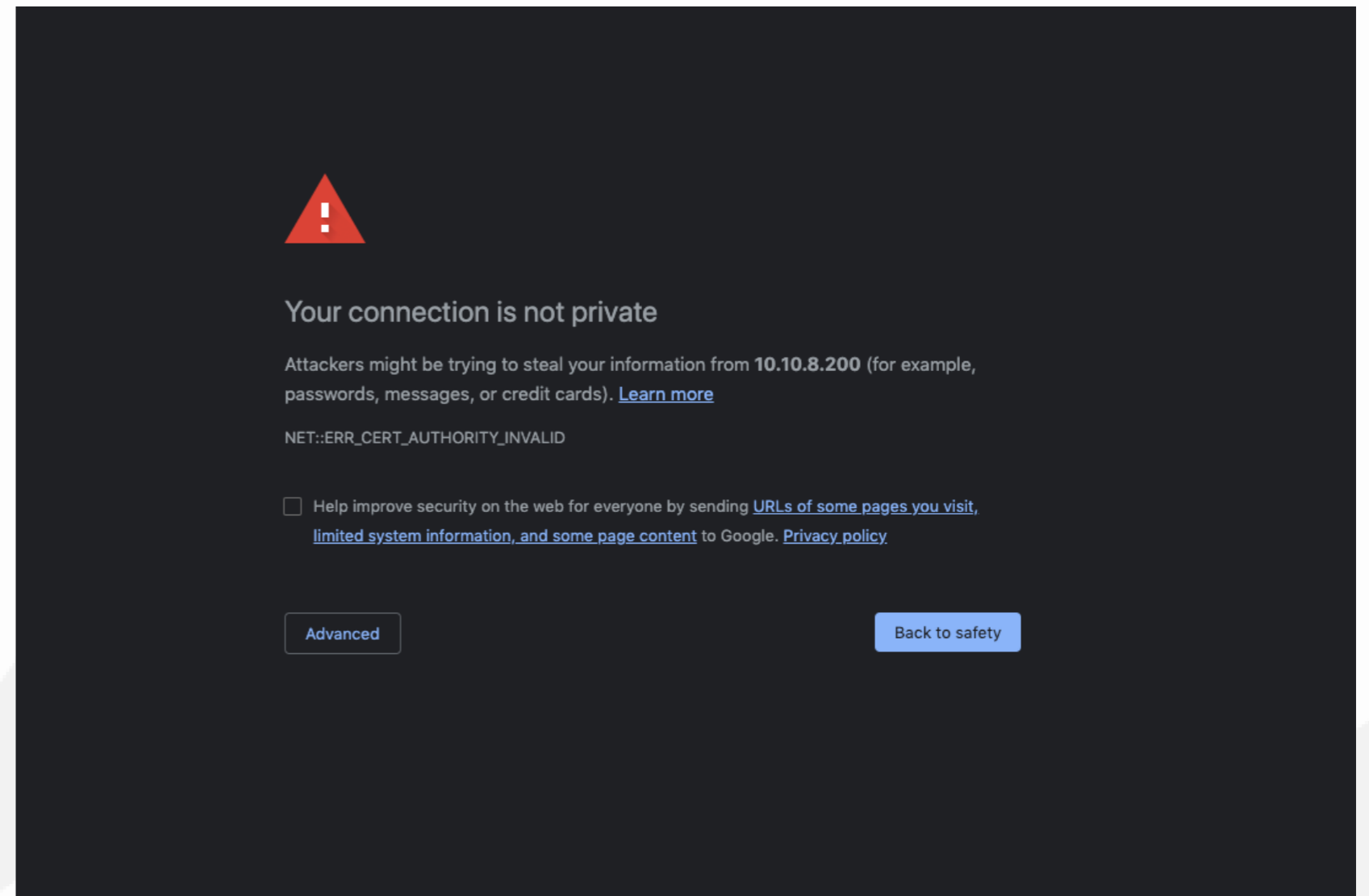
# Chapter 1 - Getting Started

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## Security Warning

Depending on your browser, you may be presented with a security warning stating "This connection is not trusted" (Firefox) or "Your Connection is Not Private" (Chrome) or "There is a problem with this website's security certificate" (Internet Explorer). This is normal, as the Unleashed AP does not have an SSL certificate that is recognized by your browser.

Accept the exception as needed per browser and proceed.




# Chapter 1 - Getting Started

## Connecting to Your Unleashed Network

This is the login page for the Unleashed Network.

Enter the “Username”, “Password”, and click “Unleash” to login.



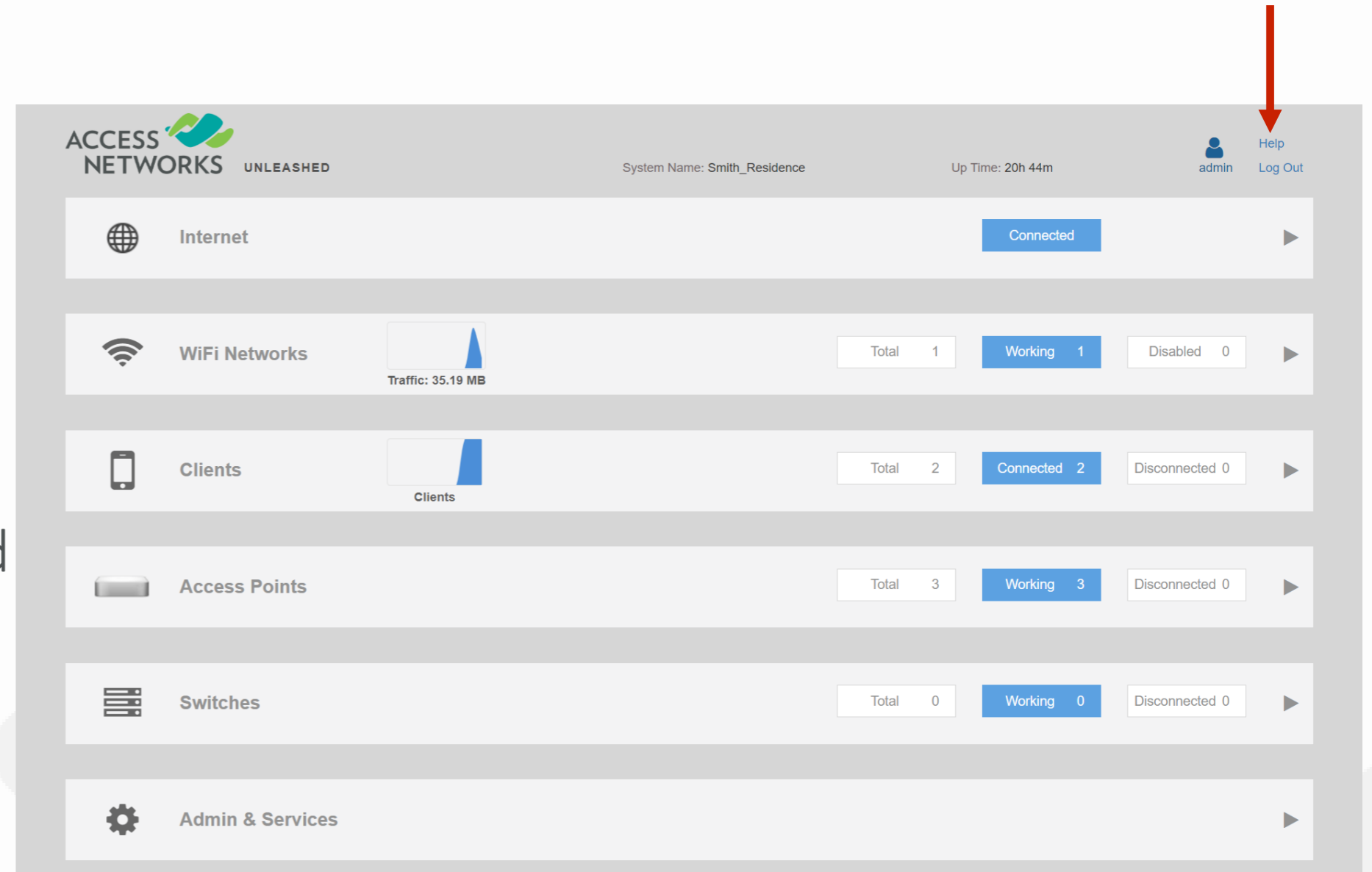


# Chapter 1 - Getting Started

## Unleashed Dashboard

After successful login, you will be presented with the Unleashed Dashboard, which displays an overview of your Ruckus Unleashed network

At any point during the setup process, you can access the complete Unleashed help page by clicking on “Help” in the upper right corner of the Unleashed web interface



The screenshot displays the Unleashed Dashboard interface. At the top, the logo for ACCESS NETWORKS UNLEASHED is visible on the left, and system information including 'System Name: Smith\_Residence' and 'Up Time: 20h 44m' is shown on the right. A user profile for 'admin' is also present, with a red arrow pointing to a 'Help' link and a 'Log Out' button. The main dashboard area consists of several horizontal panels, each representing a different network component:

- Internet:** Status is 'Connected'.
- WiFi Networks:** Shows a traffic graph with 'Traffic: 35.19 MB'. Summary: Total 1, Working 1, Disabled 0.
- Clients:** Shows a client graph. Summary: Total 2, Connected 2, Disconnected 0.
- Access Points:** Summary: Total 3, Working 3, Disconnected 0.
- Switches:** Summary: Total 0, Working 0, Disconnected 0.
- Admin & Services:** Summary: Total 0, Working 0, Disconnected 0.

# Chapter 2 - Backup and Restore

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- Why Use the Backup & Restore Feature
- Backing Up a Configuration
- Restoring a Configuration



# Chapter 2 – Backup & Restore

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## Why Use the Backup & Restore Feature

The use of the “Backup & Restore” feature will provide options for backing up your current Unleashed configuration, restoring the configuration from a previous saved backup file, or restoring the Unleashed Master AP to factory defaults.

It’s highly recommended to always backup your configuration at the end of any initial deployment process and after any changes are made to the Unleashed configuration.

**\*Note - Once the configuration is backed up, the system creates a small encrypted file with a “.bak” extension that can be saved to any desired location.**

# Chapter 2 - Backup and Restore

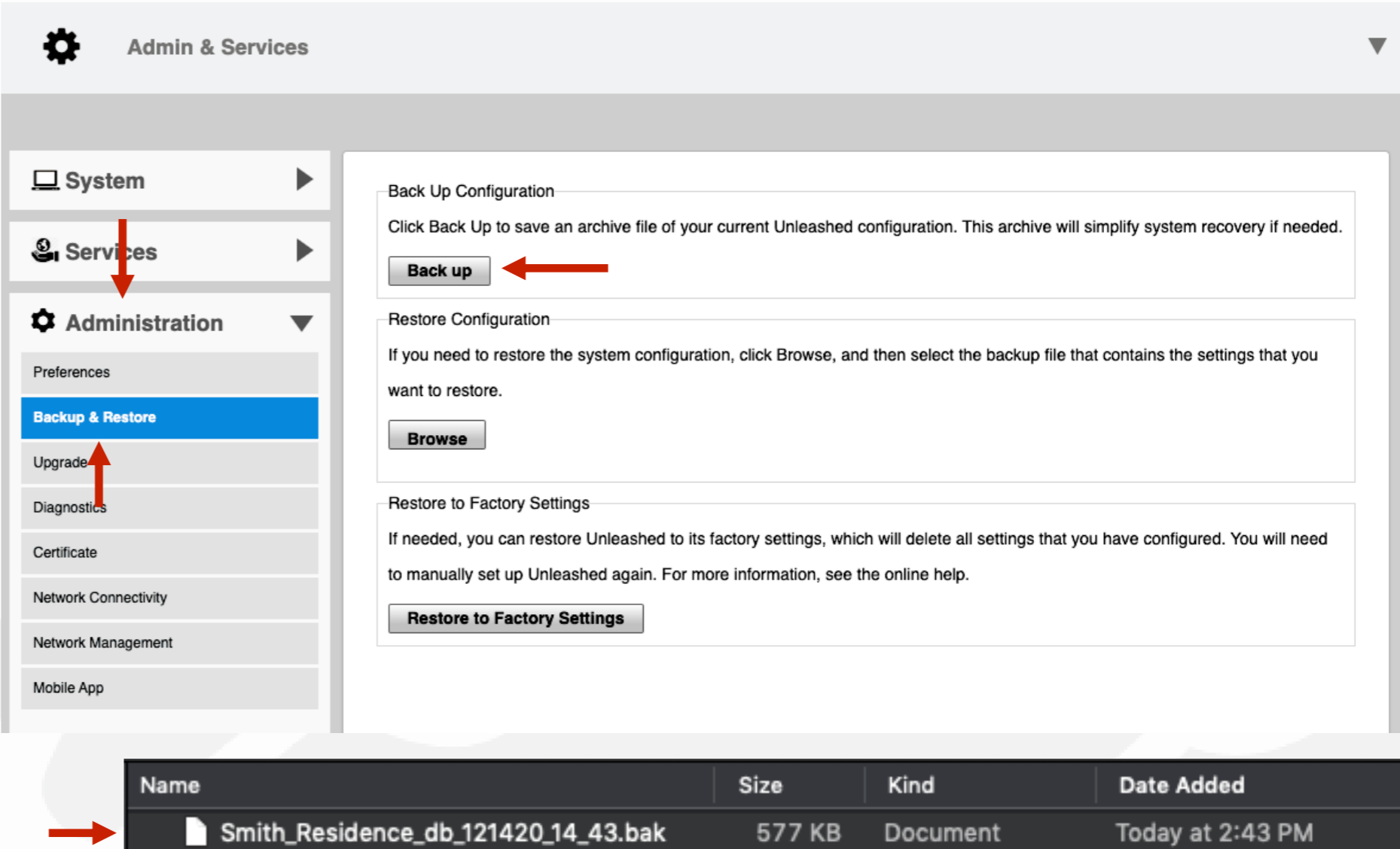
## Backing Up a Configuration

Click on the “Administration” tab to reveal “Backup and Restore”.

Select the “Backup” button.

This will create a back up file in your computer’s “Downloads” folder with the following naming convention - “Project\_Name\_db\_date\_time.bak”.

Move the backup file to an easy to find location for future use.



**Admin & Services**

**System**

**Services**

**Administration**

- Preferences
- Backup & Restore**
- Upgrade
- Diagnostics
- Certificate
- Network Connectivity
- Network Management
- Mobile App

**Back Up Configuration**

Click Back Up to save an archive file of your current Unleashed configuration. This archive will simplify system recovery if needed.

**Back up**

**Restore Configuration**


If you need to restore the system configuration, click Browse, and then select the backup file that contains the settings that you want to restore.

**Browse**

**Restore to Factory Settings**

If needed, you can restore Unleashed to its factory settings, which will delete all settings that you have configured. You will need to manually set up Unleashed again. For more information, see the online help.

**Restore to Factory Settings**

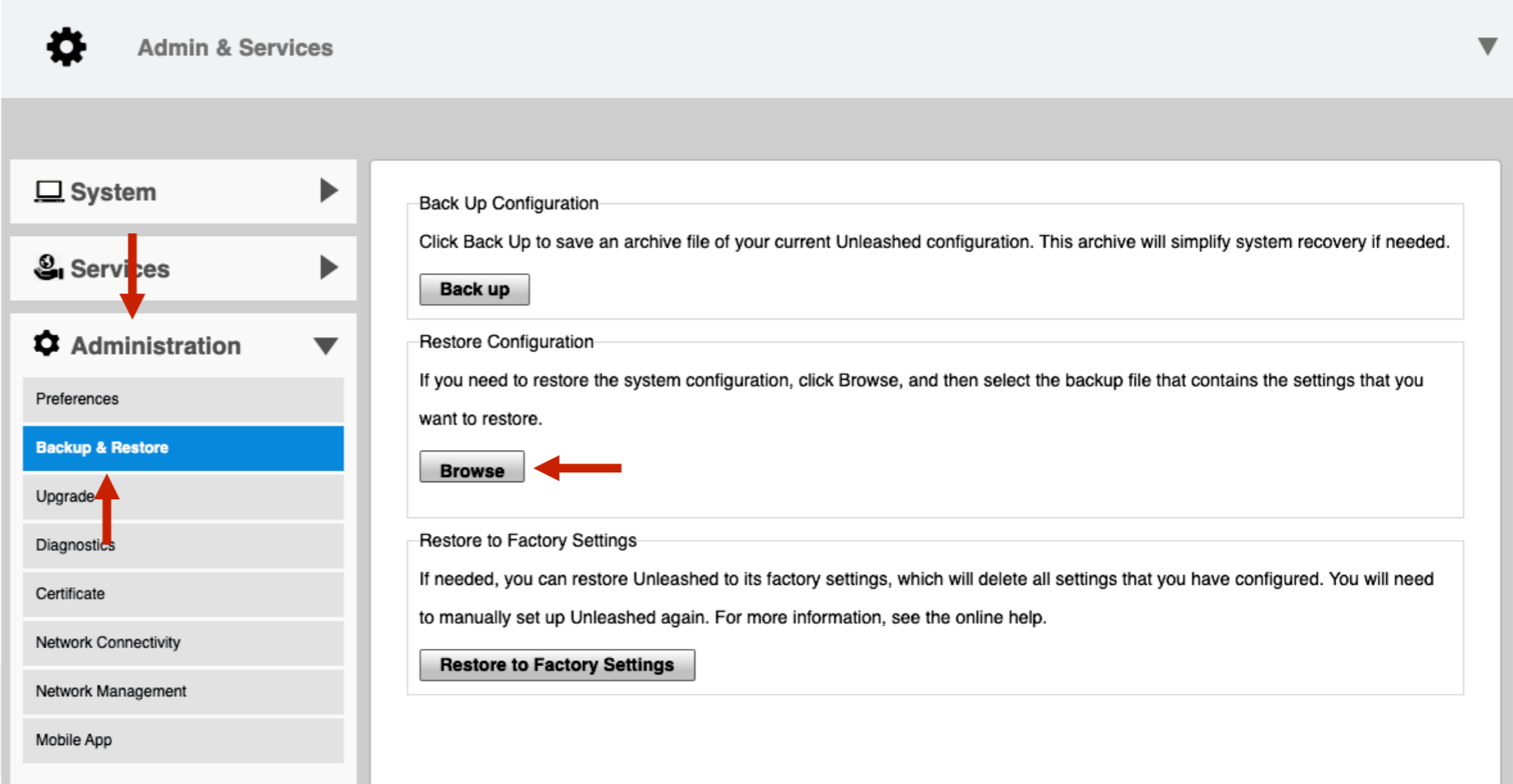
Name	Size	Kind	Date Added
 Smith_Residence_db_121420_14_43.bak	577 KB	Document	Today at 2:43 PM

# Chapter 2 - Backup and Restore

## Restoring a Configuration

To restore a configuration, click on the “Administration” tab to reveal “Backup and Restore”.

Click on the “Browse” button under “Restore Configuration”.



The screenshot displays the 'Admin & Services' interface. On the left, a navigation menu is shown with the following items: System, Services, Administration (expanded), Preferences, Backup & Restore (highlighted in blue), Upgrade, Diagnostics, Certificate, Network Connectivity, Network Management, and Mobile App. Red arrows point to the 'Administration' tab and the 'Backup & Restore' menu item. The main content area is divided into three sections: 'Back Up Configuration' with a 'Back up' button, 'Restore Configuration' with a 'Browse' button (indicated by a red arrow), and 'Restore to Factory Settings' with a 'Restore to Factory Settings' button. The 'Restore Configuration' section includes the text: 'If you need to restore the system configuration, click Browse, and then select the backup file that contains the settings that you want to restore.'

# Chapter 2 - Backup and Restore

## Restoring a Configuration

Navigate to the location that the backup file of the configuration would be located.

Select the backup file you would like to restore. Example -  
"Project\_Name\_db\_date\_time.bak".

Click on the "Open" button to load the file.



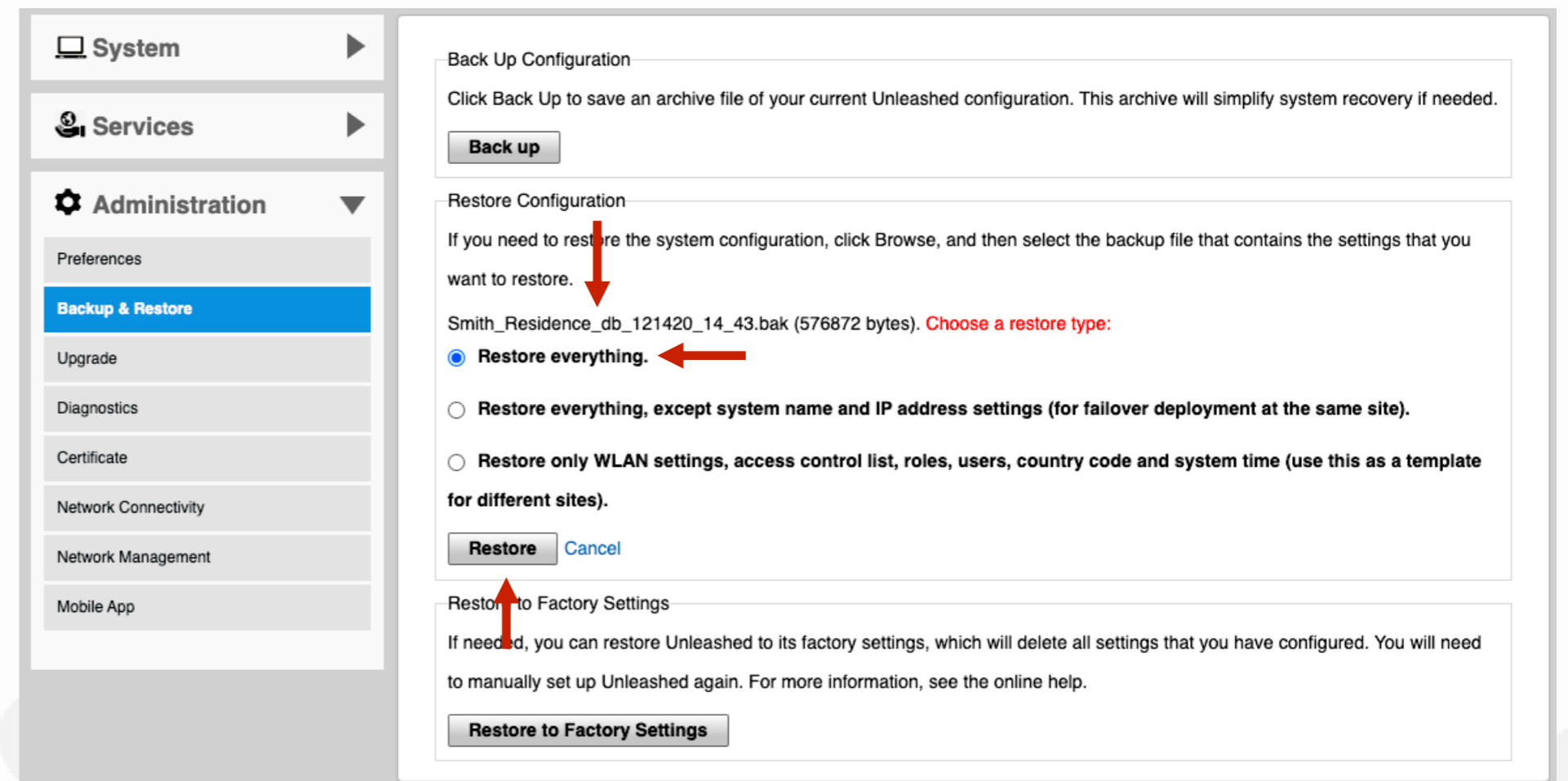
# Chapter 2 - Backup and Restore

## Restoring a Configuration

Now the backup file has been selected, the type of restoration must be chosen.

Select the option “Restore everything” from the list.

Click on the “Restore” button to start the restoration process.



The screenshot shows the 'Administration' menu on the left with 'Backup & Restore' selected. The main content area is divided into three sections:

- Back Up Configuration:** Includes a 'Back up' button and instructions to save an archive file.
- Restore Configuration:** Includes instructions to click 'Browse' and select a backup file. A file named 'Smith\_Residence\_db\_121420\_14\_43.bak (576872 bytes)' is listed. Below this, three radio button options are shown: 'Restore everything' (selected), 'Restore everything, except system name and IP address settings (for failover deployment at the same site)', and 'Restore only WLAN settings, access control list, roles, users, country code and system time (use this as a template for different sites)'. A 'Restore' button and a 'Cancel' button are at the bottom of this section.
- Restore to Factory Settings:** Includes instructions to restore to factory settings and a 'Restore to Factory Settings' button.

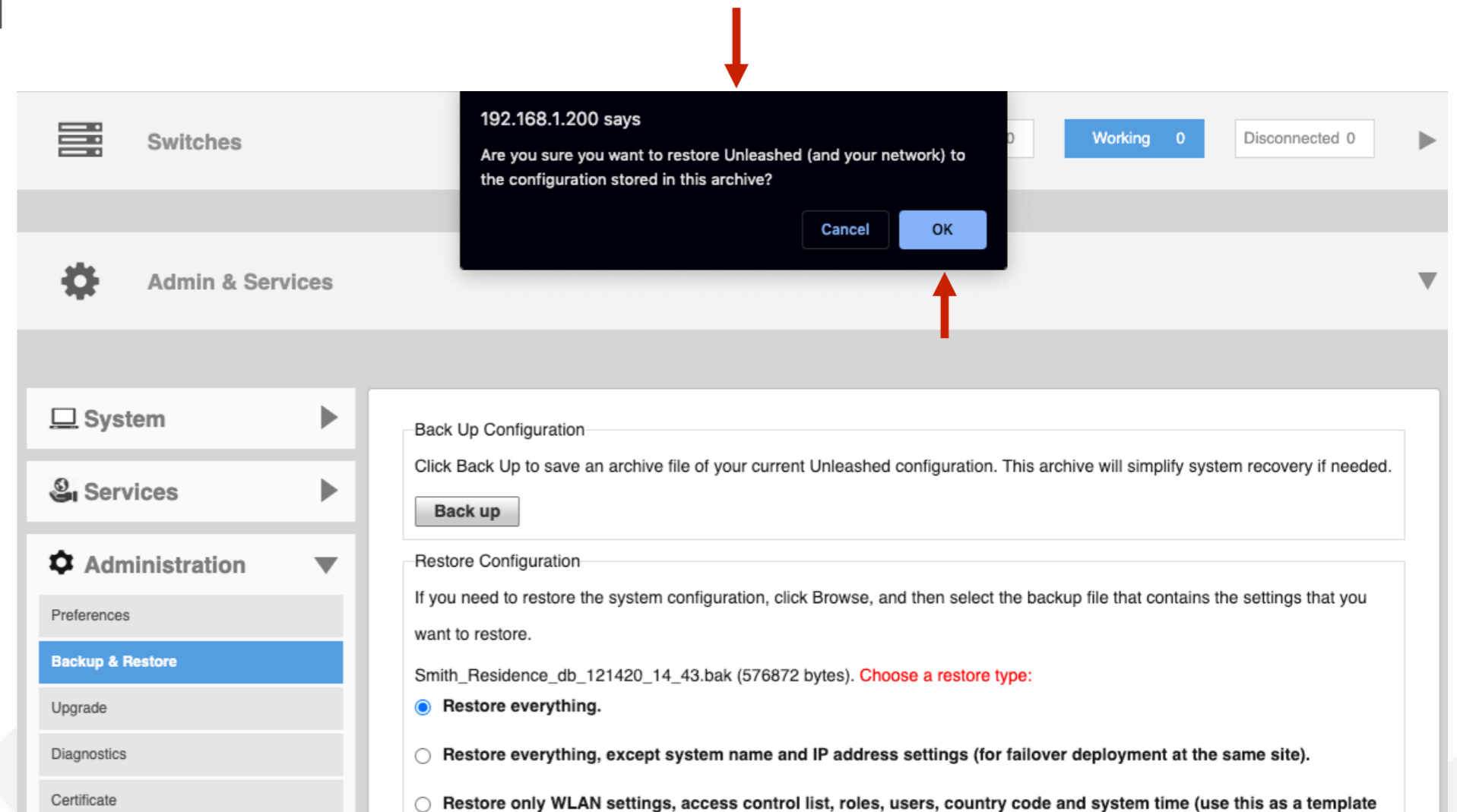
Red arrows in the original image point to the 'Browse' instruction, the 'Restore everything' radio button, and the 'Restore' button.

# Chapter 2 - Backup and Restore

## Restoring a Configuration

A new dialog box will appear to confirm the restoration process.

Click on the "OK" button to continue.



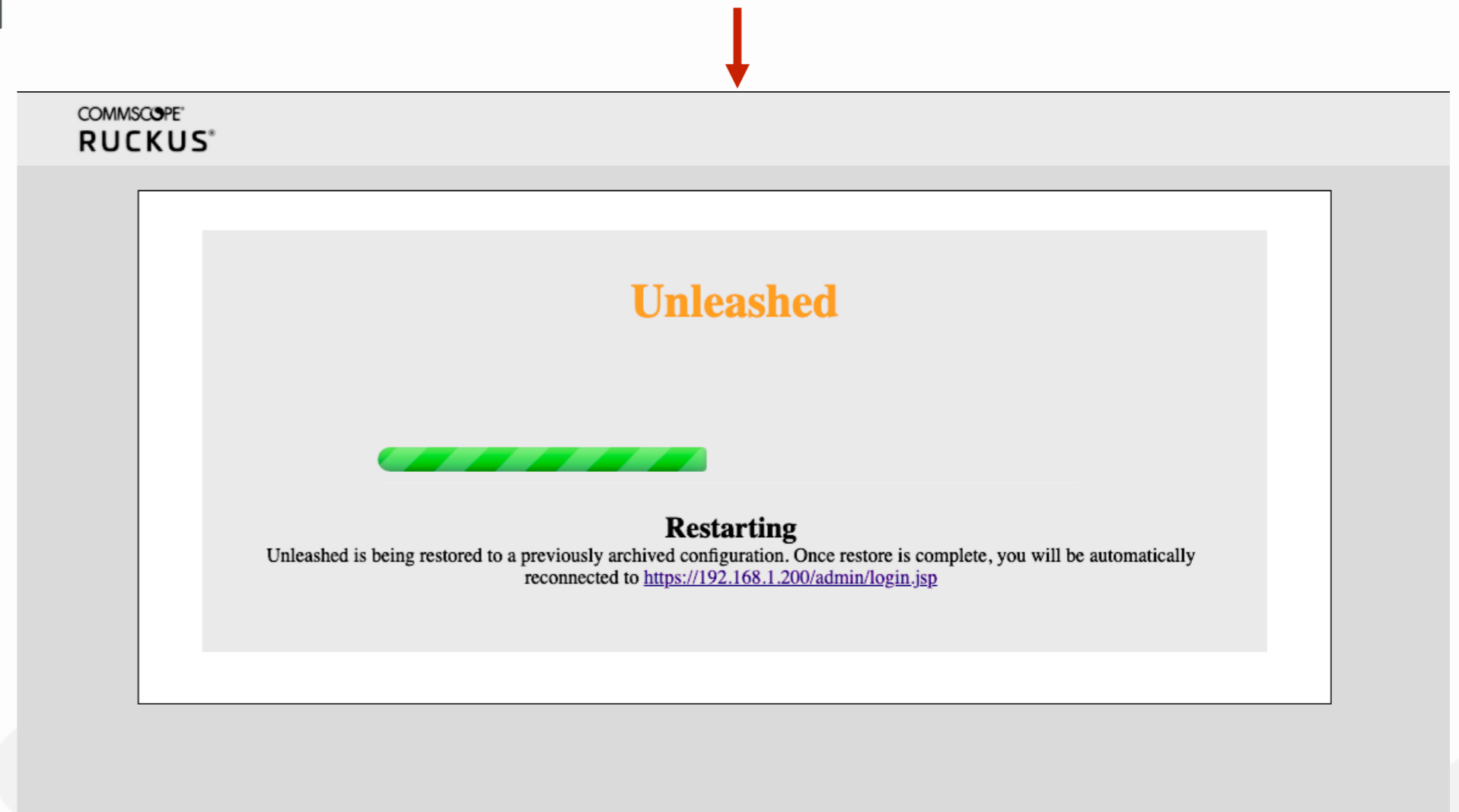
The screenshot shows a network management interface with a confirmation dialog box overlaid. The dialog box, titled "192.168.1.200 says", asks: "Are you sure you want to restore Unleashed (and your network) to the configuration stored in this archive?". It has "Cancel" and "OK" buttons. A red arrow points down to the dialog box, and another red arrow points up to the "OK" button. The background interface includes a "Switches" section with "Working 0" and "Disconnected 0" indicators, and an "Admin & Services" section with a sidebar menu containing "System", "Services", "Administration" (with sub-items: "Preferences", "Backup & Restore", "Upgrade", "Diagnostics", "Certificate"), and a main content area with "Back Up Configuration" and "Restore Configuration" sections.

# Chapter 2 - Backup and Restore

## Restoring a Configuration

The restoration process will now apply all the saved settings from the back up configuration file.

Once complete, the access point will reboot.





# Chapter 3 – Performing an Online Upgrade to Unleashed System

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- Using the Online Firmware Upgrade Feature
- Performing an Online Upgrade
- Selecting the Firmware Version
- Upgrading the AP
- Rebuilding the Unleashed Network

# Chapter 3 – Performing an Online Upgrade to Unleashed System

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## Using the Online Firmware Upgrade Feature

The use of the “Online Upgrade” method will enable the Unleashed network to identify all possible Unleashed firmware upgrade options applicable to this project.

After the Unleashed Controller contacts the Ruckus Unleashed firmware server and compares the current deployment firmware to all available options, a list of possible of firmware choices can be selected from.

No firmware upgrade options will be available if the most current firmware is already installed.

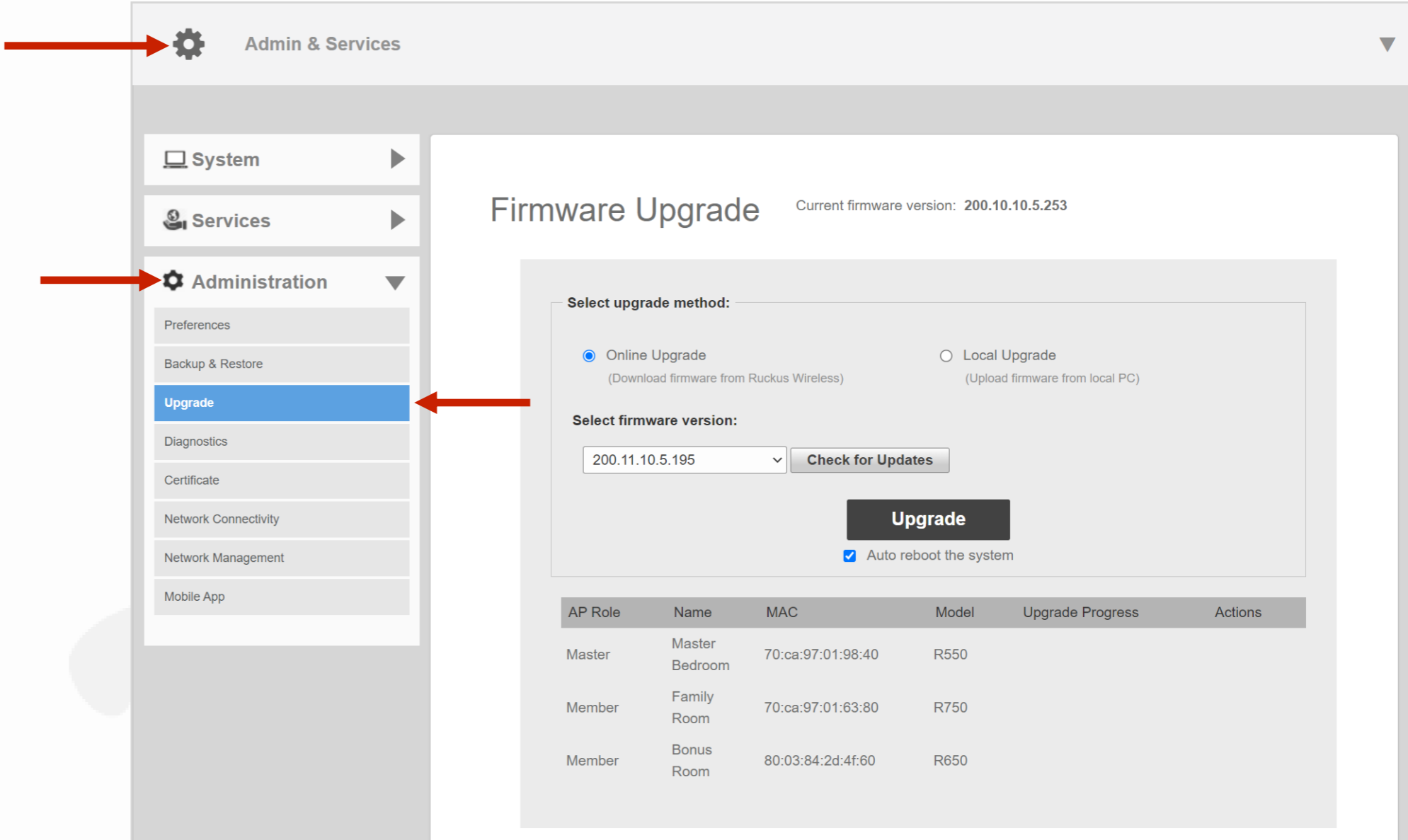
# Chapter 3 – Performing an Online Upgrade to Unleashed System

## Performing an Online Upgrade

Select "Admin & Services" on the main menu.

Click on "Administration" to reveal the sub menu.

Select the button labeled "Upgrade" to continue.



The screenshot displays the Ruckus Admin & Services interface. The left sidebar shows the 'Admin & Services' menu with 'Administration' expanded to show sub-options: Preferences, Backup & Restore, Upgrade (highlighted in blue), Diagnostics, Certificate, Network Connectivity, Network Management, and Mobile App. The main content area is titled 'Firmware Upgrade' and shows the current firmware version as 200.10.10.5.253. The 'Select upgrade method' section has 'Online Upgrade' selected. The 'Select firmware version' dropdown is set to 200.11.10.5.195, with a 'Check for Updates' button. A large 'Upgrade' button is visible, with a checked 'Auto reboot the system' option below it. A table at the bottom lists AP roles, names, MAC addresses, and models.

AP Role	Name	MAC	Model	Upgrade Progress	Actions
Master	Master Bedroom	70:ca:97:01:98:40	R550		
Member	Family Room	70:ca:97:01:63:80	R750		
Member	Bonus Room	80:03:84:2d:4f:60	R650		

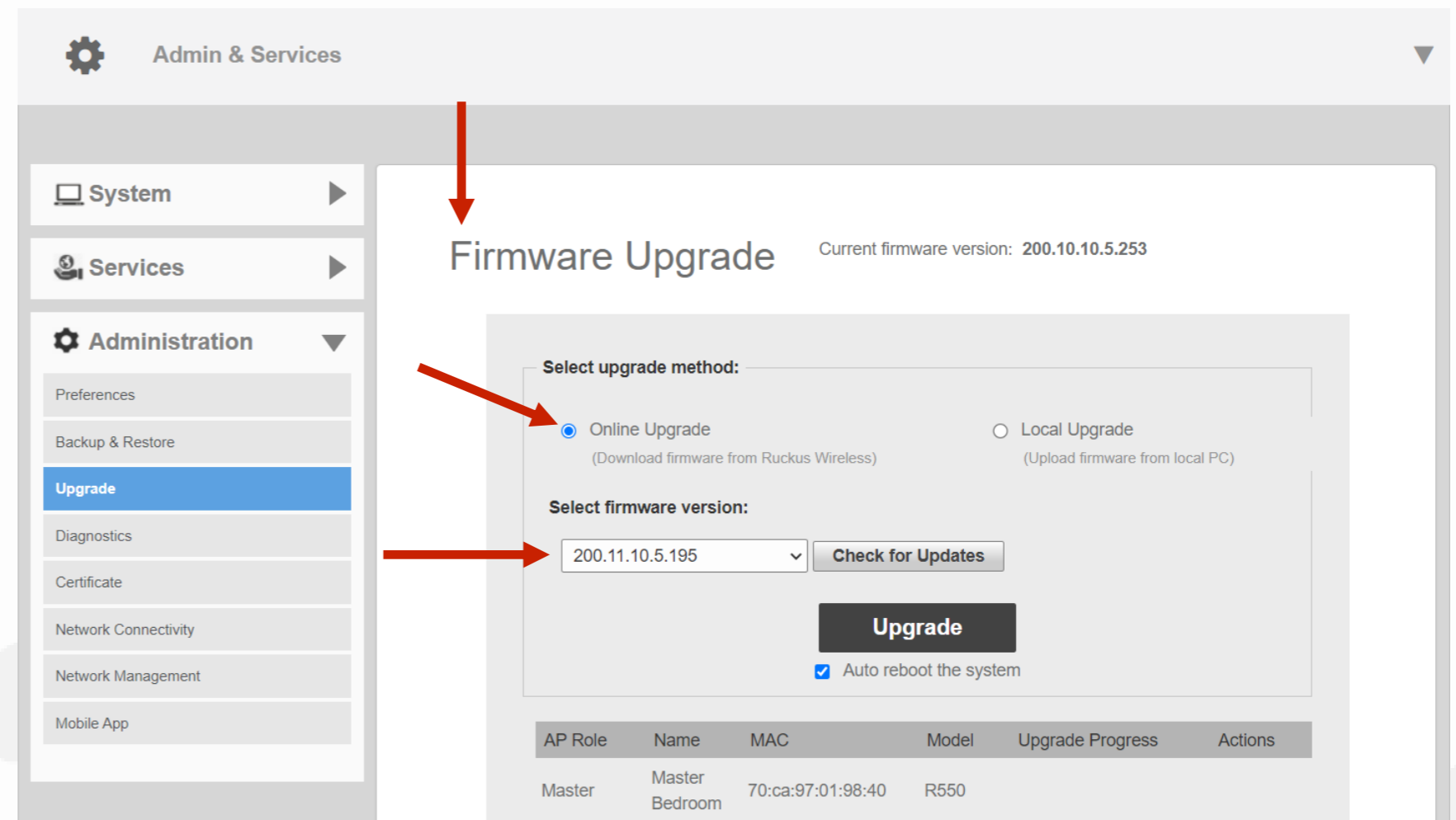
# Chapter 3 – Performing an Online Upgrade to Unleashed System

## Performing an Online Upgrade

The “Online Upgrade” allows the controller to automatically search for firmware upgrade options.

The “Select firmware version:” box displays “Loading...” as the AP check for new firmware.

After it has completed checking, either “Unleashed is up to date” or all available upgrade options will be displayed.



**Admin & Services**

**Firmware Upgrade** Current firmware version: 200.10.10.5.253

Select upgrade method:

Online Upgrade (Download firmware from Ruckus Wireless)  Local Upgrade (Upload firmware from local PC)

Select firmware version:

200.11.10.5.195

Auto reboot the system

AP Role	Name	MAC	Model	Upgrade Progress	Actions
Master	Master Bedroom	70:ca:97:01:98:40	R550		

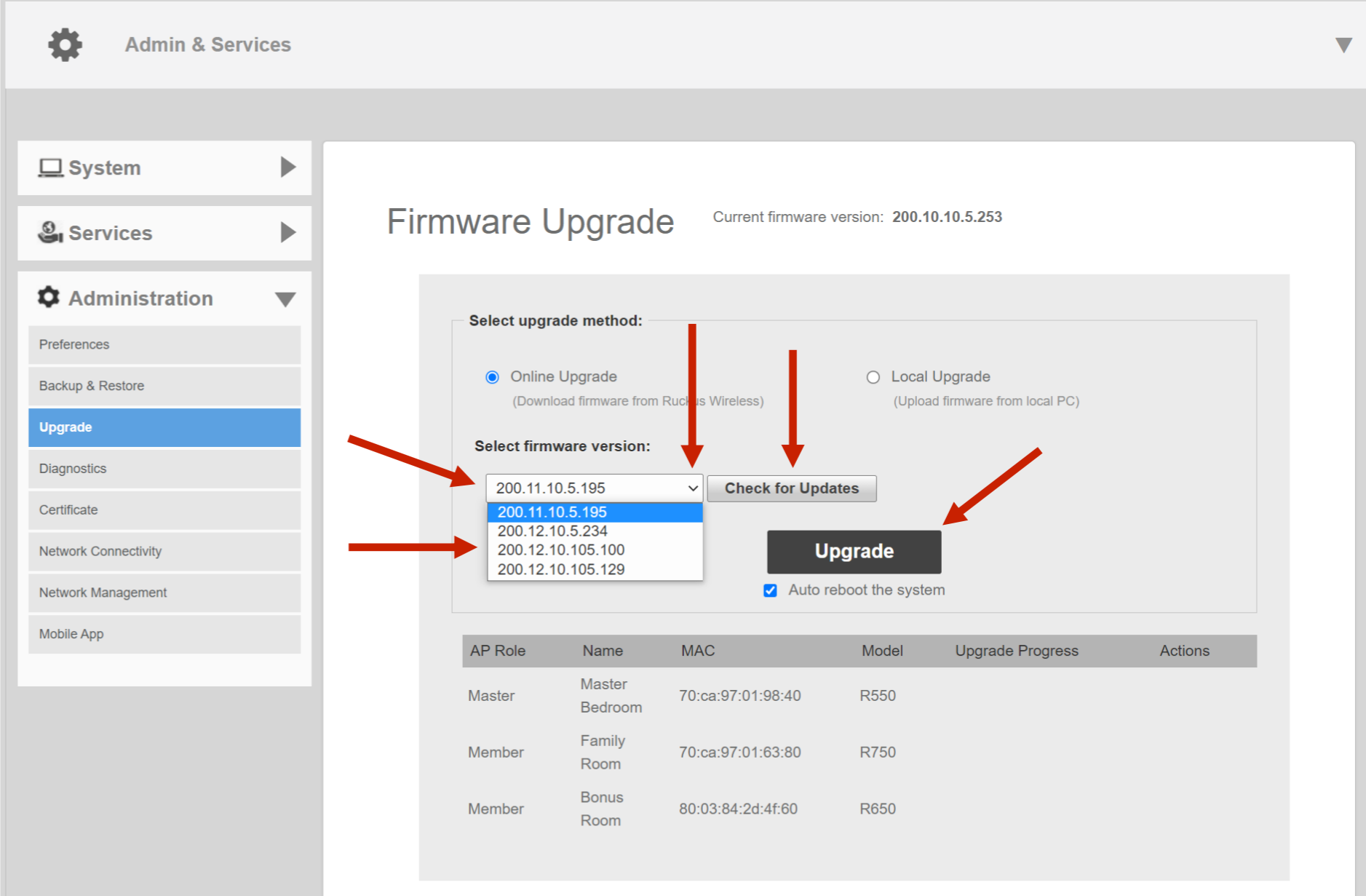
# Chapter 3 – Performing an Online Upgrade to Unleashed System

## Selecting the Firmware Version

Select the drop-down arrow to display the list of available upgrade options for your installation.

After selecting a version, click on the “Upgrade” button to start the process of upgrading the Unleashed AP(s) shown in the list.

**\*Note - The “Check for Updates” button can be used to reverify all available firmware updates.**



**Admin & Services**

**System**

**Services**

**Administration**

- Preferences
- Backup & Restore
- Upgrade**
- Diagnostics
- Certificate
- Network Connectivity
- Network Management
- Mobile App

### Firmware Upgrade

Current firmware version: 200.10.10.5.253

**Select upgrade method:**

Online Upgrade (Download firmware from Ruckus Wireless)

Local Upgrade (Upload firmware from local PC)

**Select firmware version:**

- 200.11.10.5.195
- 200.11.10.5.195**
- 200.12.10.5.234
- 200.12.10.105.100
- 200.12.10.105.129

**Check for Updates**

**Upgrade**

Auto reboot the system

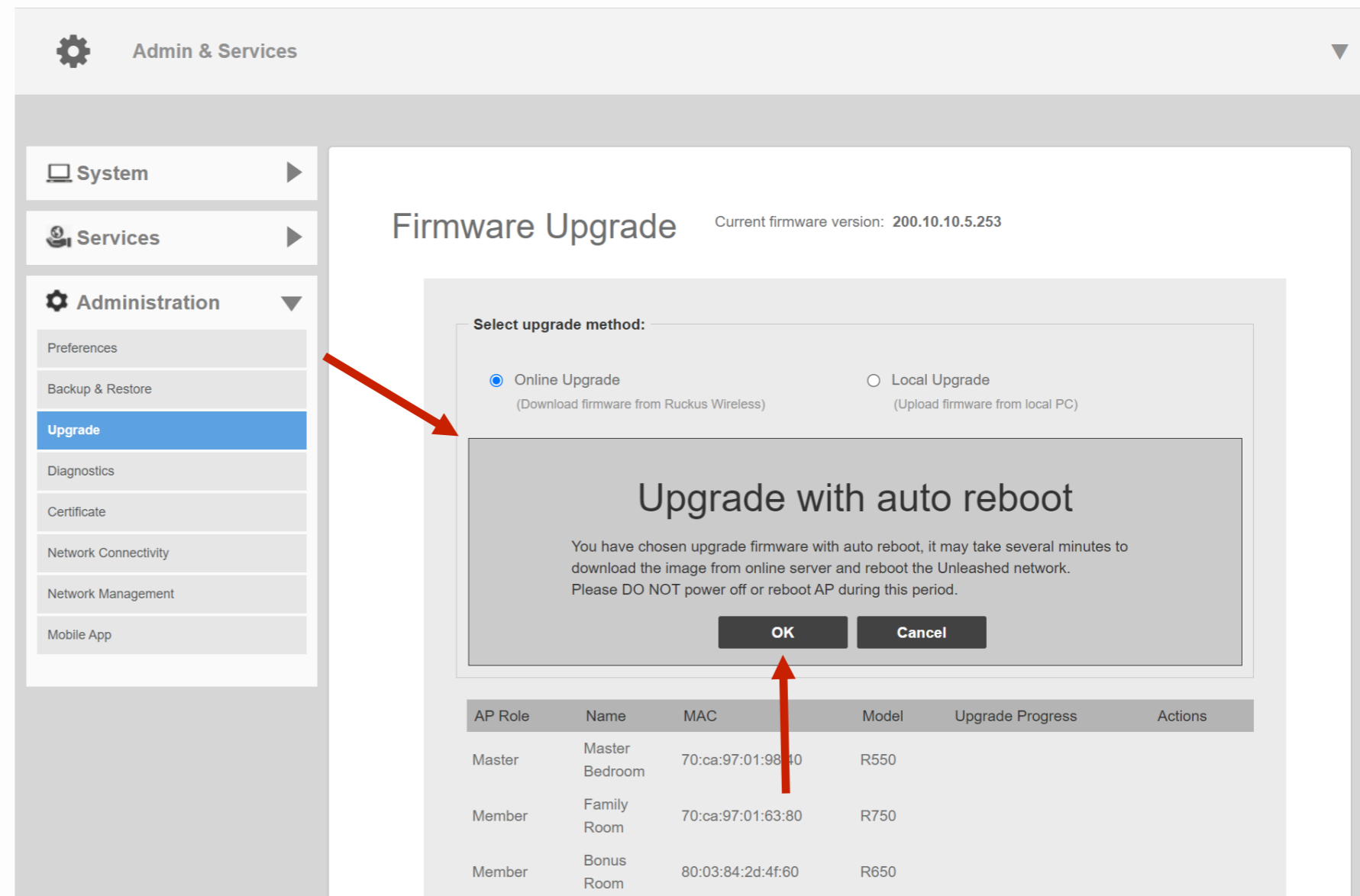
AP Role	Name	MAC	Model	Upgrade Progress	Actions
Master	Master Bedroom	70:ca:97:01:98:40	R550		
Member	Family Room	70:ca:97:01:63:80	R750		
Member	Bonus Room	80:03:84:2d:4f:60	R650		

# Chapter 3 – Performing an Online Upgrade to Unleashed System

## Upgrading the AP

A new dialog box will appear describing the “Upgrade with auto reboot” process. This process will cause all access points to reboot after receiving the firmware upgrade.

Select the button labeled “OK” to continue.



The screenshot shows the Ruckus Admin & Services interface. The left sidebar has a menu with 'System', 'Services', and 'Administration' expanded to show 'Upgrade' selected. The main content area is titled 'Firmware Upgrade' with the current version '200.10.10.5.253'. A dialog box titled 'Upgrade with auto reboot' is displayed, containing the text: 'You have chosen upgrade firmware with auto reboot, it may take several minutes to download the image from online server and reboot the Unleashed network. Please DO NOT power off or reboot AP during this period.' Below the text are 'OK' and 'Cancel' buttons. A table below the dialog shows the upgrade progress for three APs.

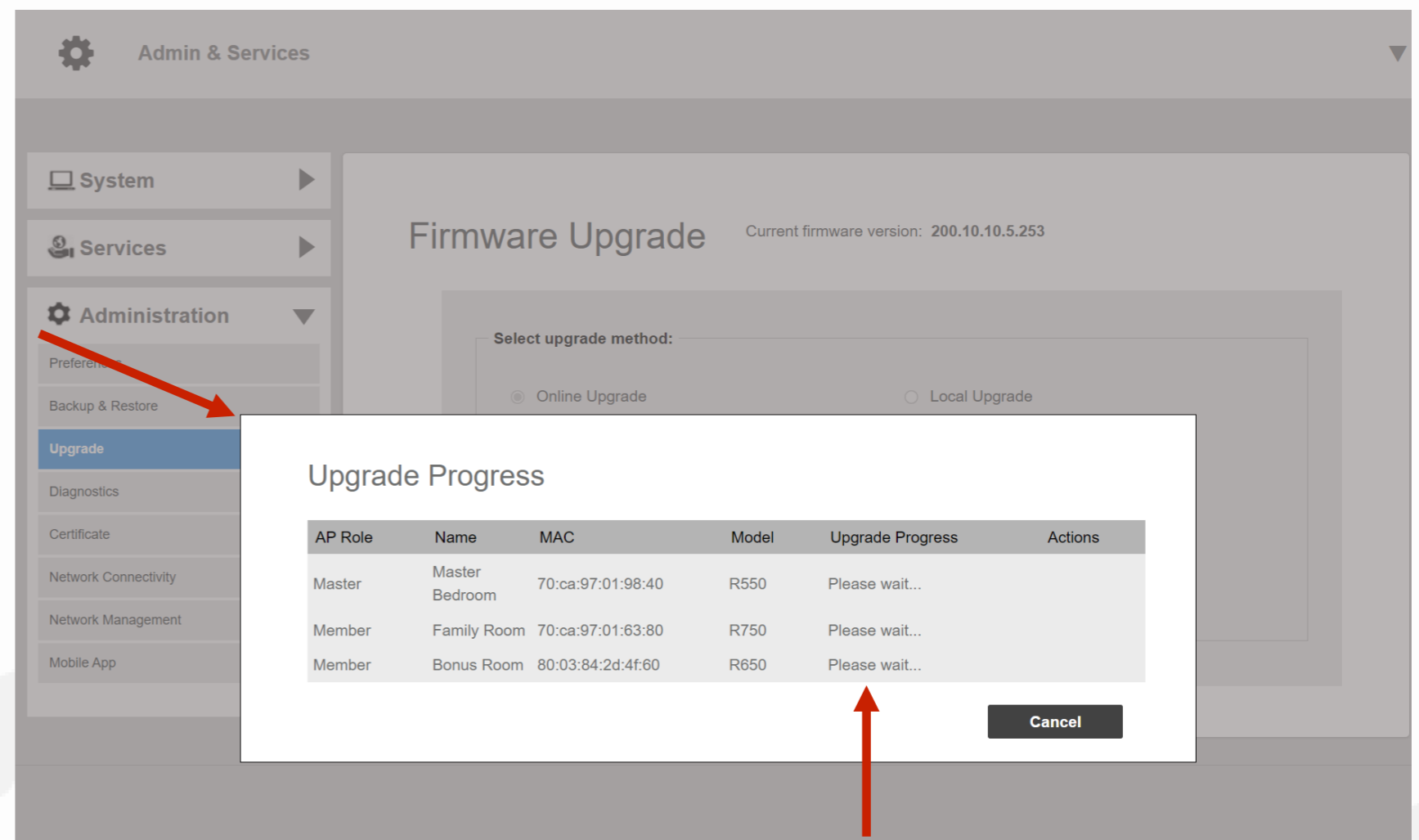
AP Role	Name	MAC	Model	Upgrade Progress	Actions
Master	Master Bedroom	70:ca:97:01:98:40	R550		
Member	Family Room	70:ca:97:01:63:80	R750		
Member	Bonus Room	80:03:84:2d:4f:60	R650		

# Chapter 3 – Performing an Online Upgrade to Unleashed System

## Upgrading the AP

You will now see a Progress Window with the current status of the firmware upload of each access point.

After the firmware image has been loaded to all access points, the Unleashed Controller will issue a global reboot command.



The screenshot shows the 'Admin & Services' interface with the 'Upgrade' menu item selected. A 'Firmware Upgrade' dialog box is open, displaying the 'Upgrade Progress' window. The progress window contains a table with the following data:

AP Role	Name	MAC	Model	Upgrade Progress	Actions
Master	Master Bedroom	70:ca:97:01:98:40	R550	Please wait...	
Member	Family Room	70:ca:97:01:63:80	R750	Please wait...	
Member	Bonus Room	80:03:84:2d:4f:60	R650	Please wait...	

A 'Cancel' button is located at the bottom right of the progress window. Red arrows point to the 'Upgrade' menu item and the 'Cancel' button.

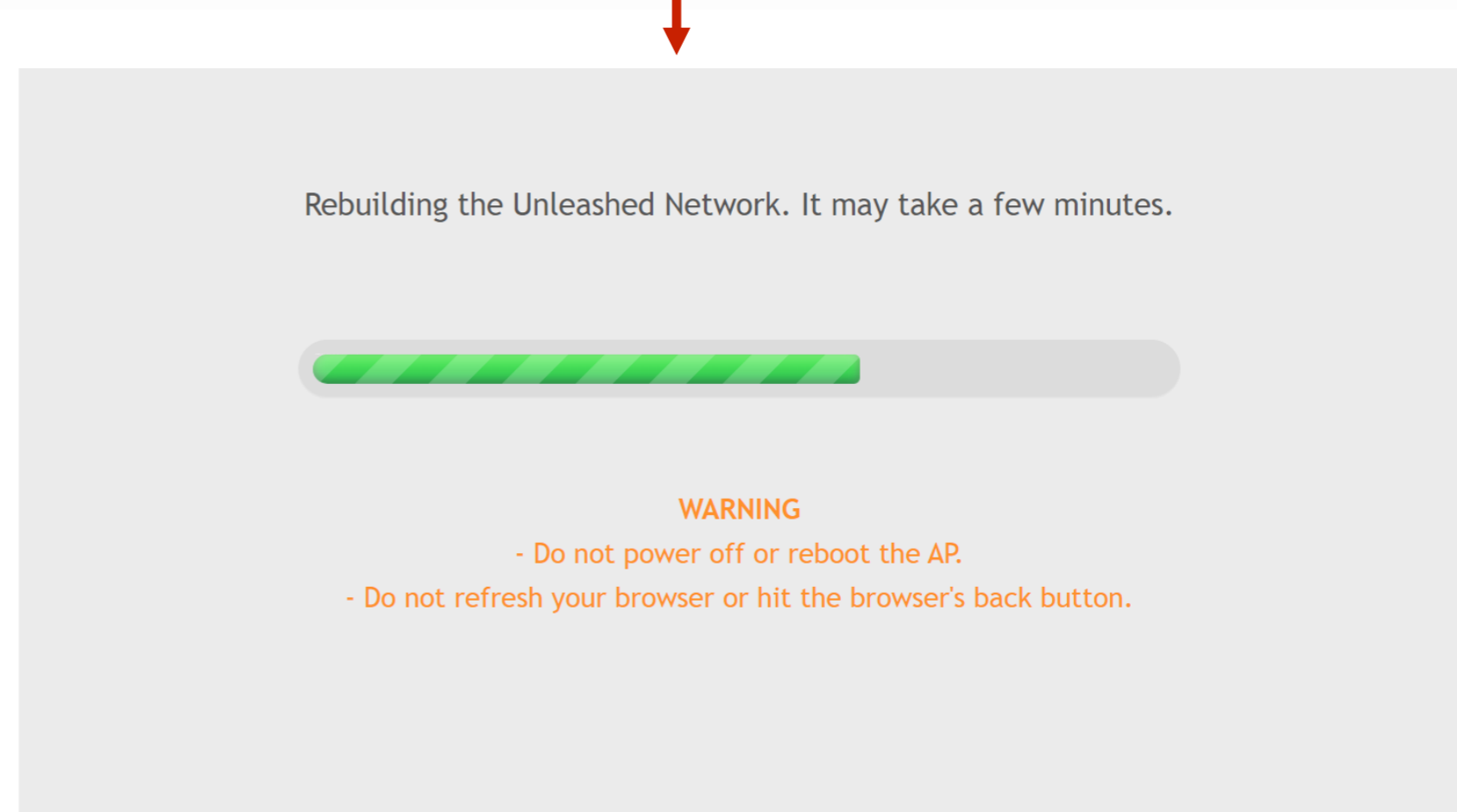


# Chapter 3 – Performing an Online Upgrade to Unleashed System

## Rebuilding the Unleashed Network

The Unleashed access points will load the new firmware upon reboot.

Once this process completes, you will be redirected to the Unleashed login page.



# Chapter 4 – Performing a Local Upgrade to Unleashed AP

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- Using the Local Firmware Upgrade Feature
- Performing a Local Upgrade
- Selecting the Image File
- Upgrading the AP
- Rebooting the AP
- Rebuilding the Unleashed Network

# Chapter 4 – Performing a Local Upgrade to Unleashed AP

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## Using the Local Firmware Upgrade Feature

It is always recommended that you visit the Access Networks Dealer Portal to review an approved list of all **vett**ed Unleashed firmware.

Doing a local firmware upgrade will allow you to place the access point on firmware that meets your requirements for the project.

Before you begin the process, disconnect all APs except for the Unleashed Master AP. Once the process is complete, then reconnect all the APs to receive the new firmware from the Unleashed Master AP.

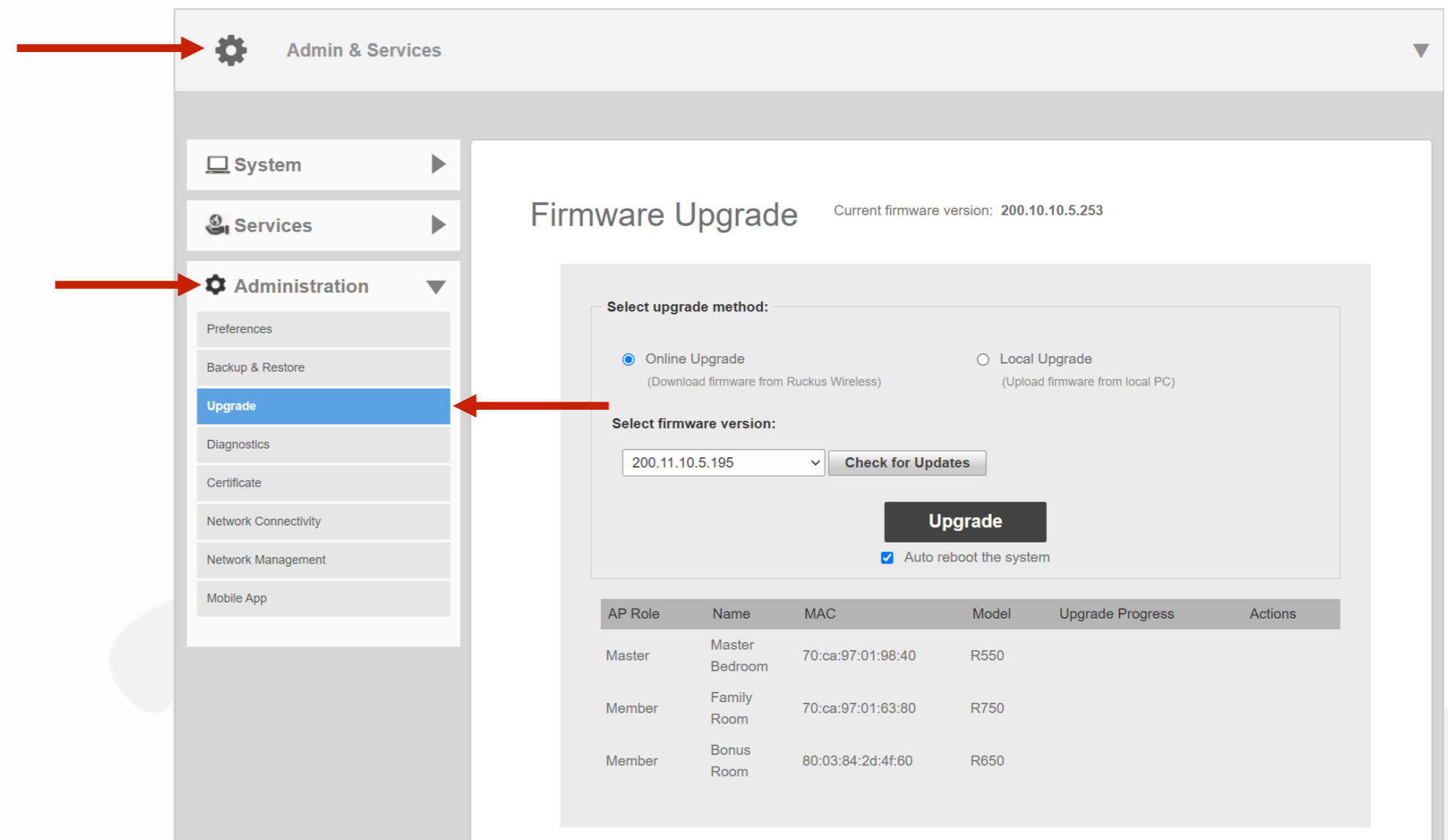
# Chapter 4 – Performing a Local Upgrade to Unleashed AP

## Performing a Local Upgrade

Select "Admin & Services" on the main menu.

Click on "Administration" to reveal the sub menu.

Select the button labeled "Upgrade" to continue.



The screenshot displays the 'Admin & Services' menu on the left, with 'Administration' expanded to show the 'Upgrade' option. The main content area is titled 'Firmware Upgrade' and shows the current firmware version as 200.10.10.5.253. The 'Select upgrade method' section has 'Local Upgrade' selected. The 'Select firmware version' dropdown is set to 200.11.10.5.195, with a 'Check for Updates' button next to it. A large 'Upgrade' button is visible, along with a checked checkbox for 'Auto reboot the system'. Below this is a table listing APs and their upgrade progress.

AP Role	Name	MAC	Model	Upgrade Progress	Actions
Master	Master Bedroom	70:ca:97:01:98:40	R550		
Member	Family Room	70:ca:97:01:63:80	R750		
Member	Bonus Room	80:03:84:2d:4f:60	R650		

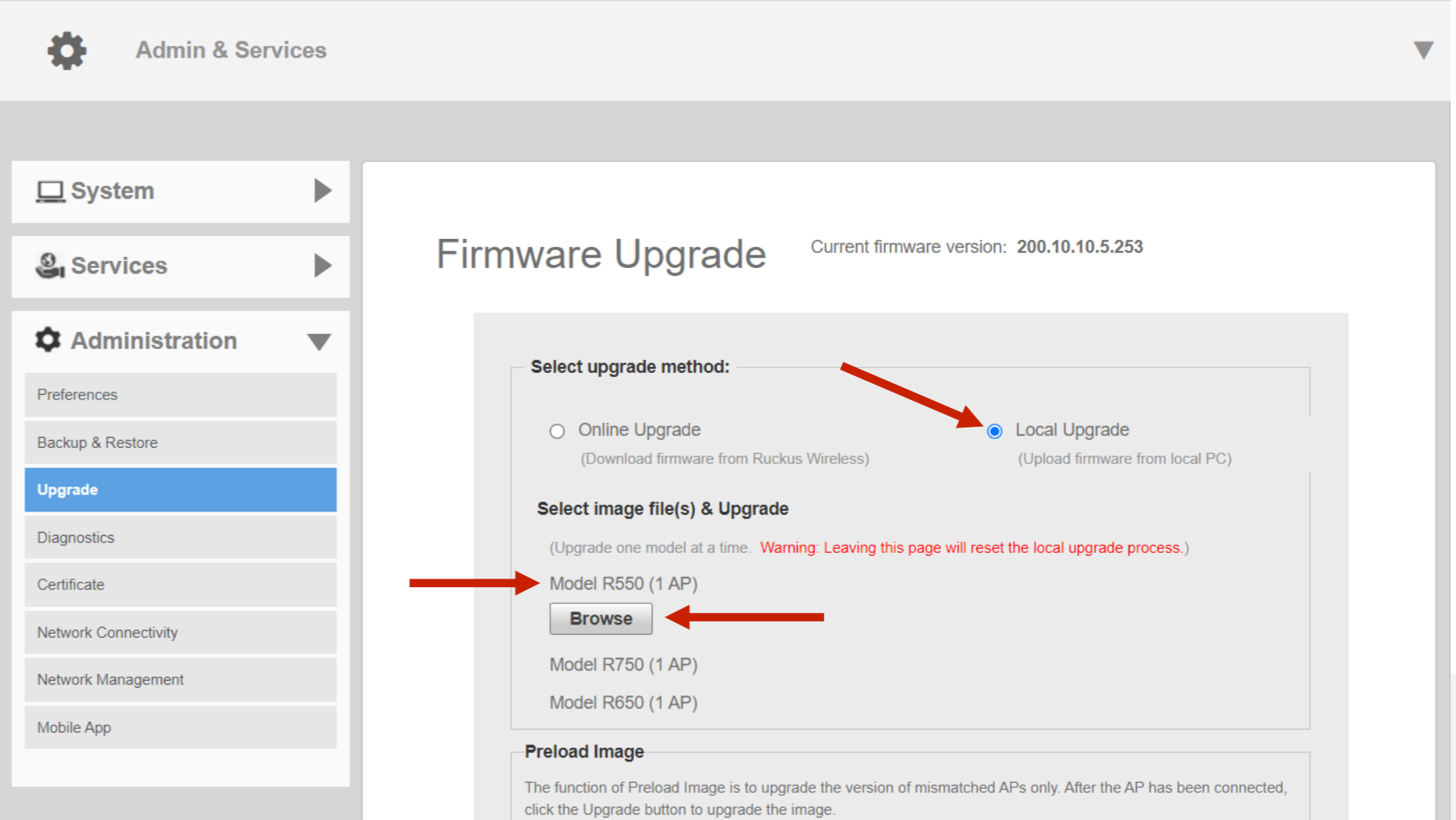
# Chapter 4 – Performing a Local Upgrade to Unleashed AP

## Performing a Local Upgrade

Click on “Local Upgrade” to continue.

**\*Note - Current model AP will be displayed in the middle of the page. When performing a local upgrade, it is required to use the firmware file designated for the specific model AP you are working with.**

Select the button labeled “Browse” to select the folder the firmware resides in.



The screenshot displays the Ruckus Admin & Services interface. On the left, a navigation menu includes System, Services, and Administration (with sub-items: Preferences, Backup & Restore, Upgrade, Diagnostics, Certificate, Network Connectivity, Network Management, Mobile App). The main content area is titled 'Firmware Upgrade' and shows the current firmware version as 200.10.10.5.253. Under 'Select upgrade method:', 'Local Upgrade' is selected. The 'Select image file(s) & Upgrade' section lists 'Model R550 (1 AP)' with a 'Browse' button highlighted. A 'Preload Image' section is also present at the bottom.

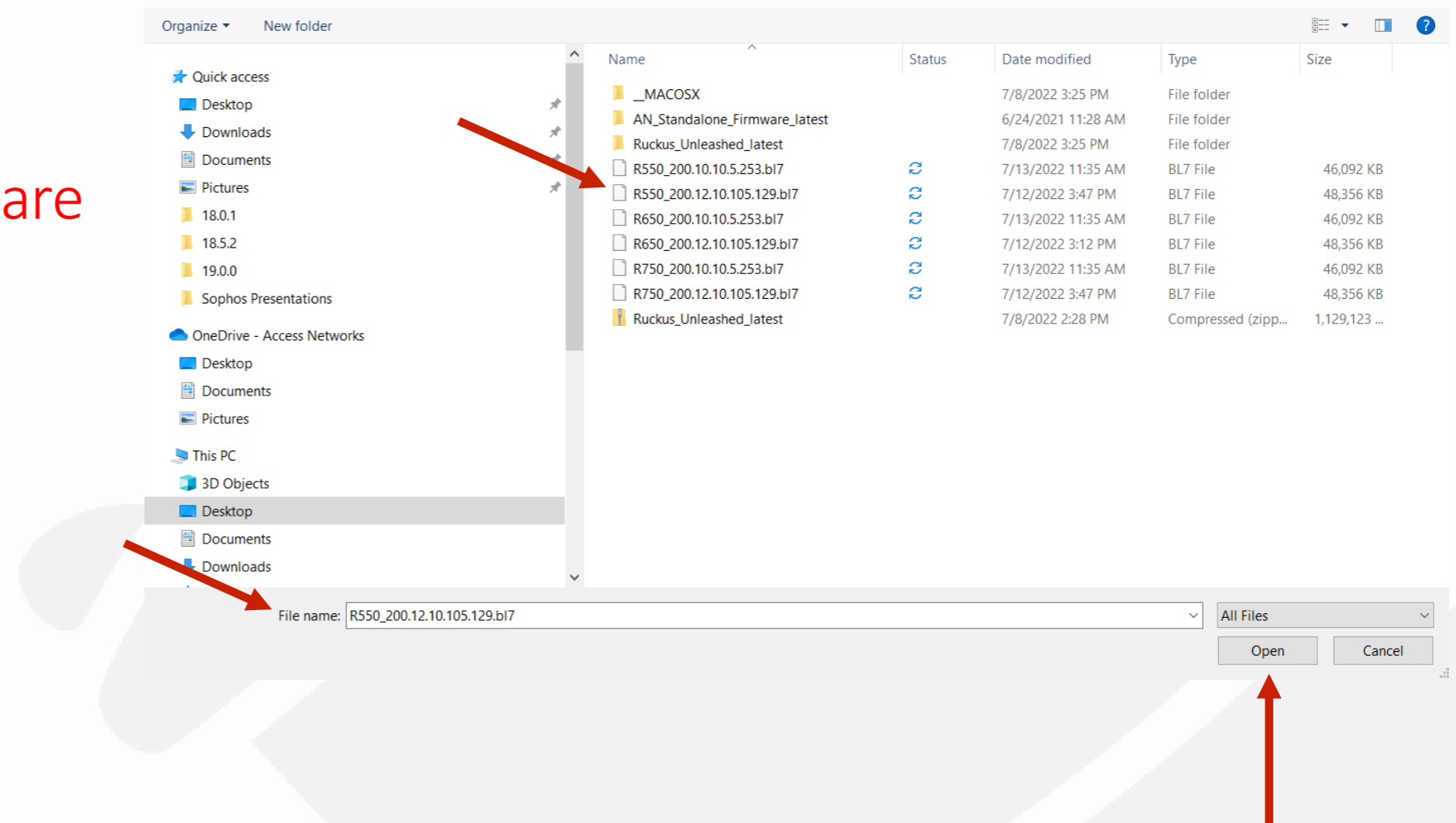
# Chapter 4 – Performing a Local Upgrade to Unleashed AP

## Selecting the Image File

Highlight the access point firmware you want to use.

**\*Note - Verify that the firmware file is designated for the specific model AP you are working with.**

Now click on “Open” to continue.

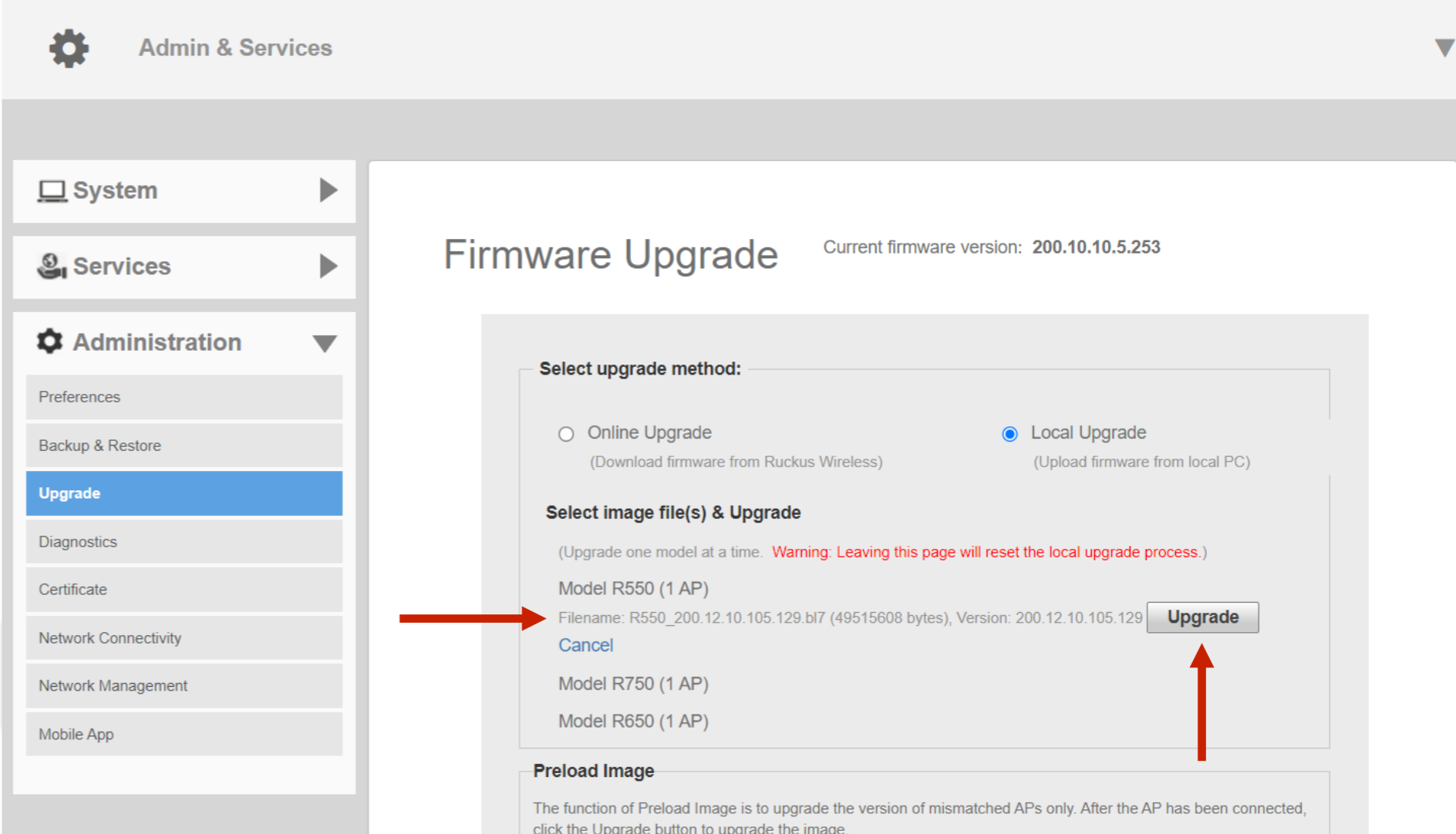


# Chapter 4 – Performing a Local Upgrade to Unleashed AP

## Upgrading the AP

Click on “Upgrade” to load the selected firmware file to the access point.

**\*Note – The firmware file will not take affect until the access point has been rebooted.**



The screenshot displays the 'Admin & Services' interface. On the left, a navigation menu includes 'System', 'Services', and 'Administration'. Under 'Administration', 'Upgrade' is selected. The main content area is titled 'Firmware Upgrade' and shows the current firmware version as 200.10.10.5.253. Under 'Select upgrade method:', 'Local Upgrade' is selected. The 'Select image file(s) & Upgrade' section lists three AP models: Model R550 (1 AP), Model R750 (1 AP), and Model R650 (1 AP). The first model is selected, and its details (Filename: R550\_200.12.10.105.129.bl7 (49515608 bytes), Version: 200.12.10.105.129) are shown. A red arrow points to the 'Upgrade' button next to the first model.



# Chapter 4 – Performing a Local Upgrade to Unleashed AP

## Rebooting the AP

The firmware file upload status will now be displayed next to the access point model number.

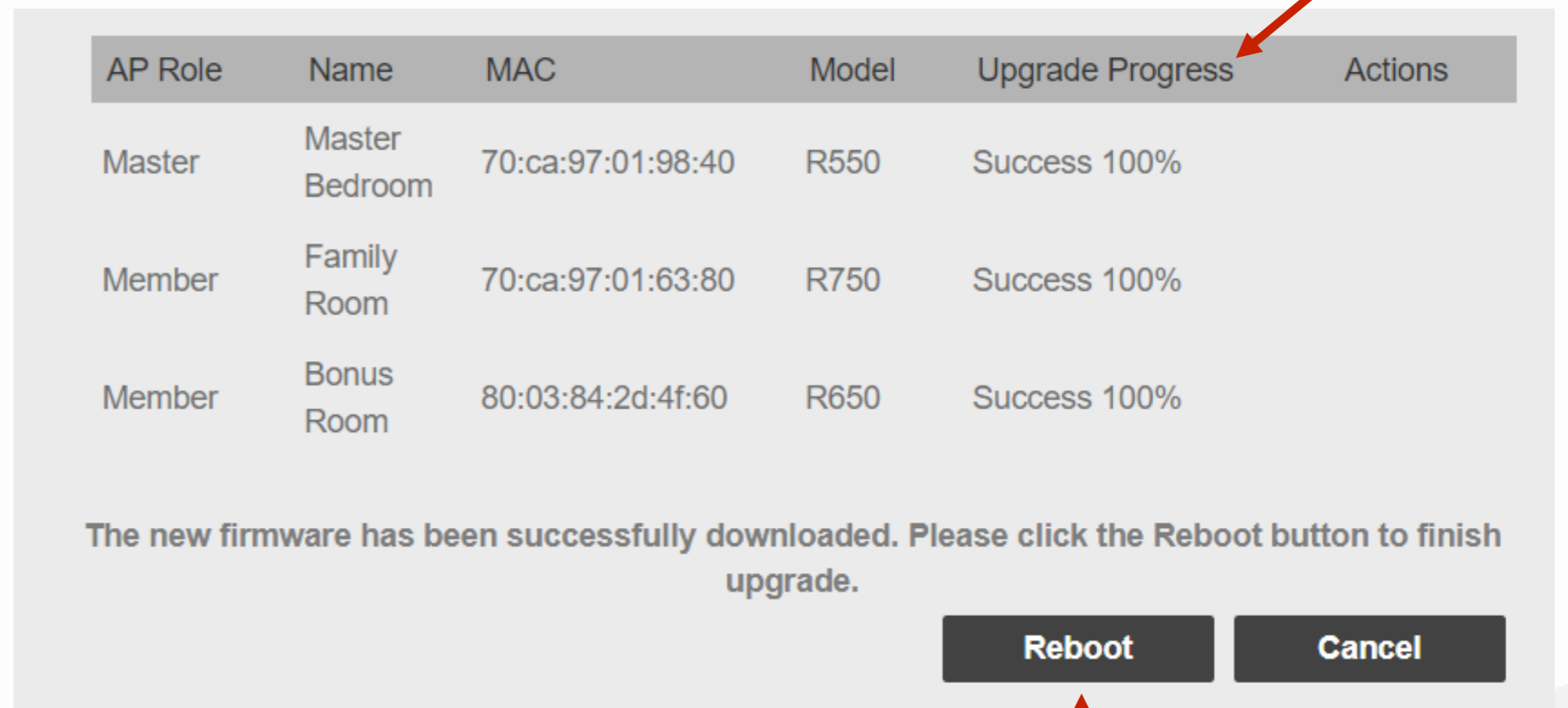
Once the upload process has been completed, click on the button labeled “Reboot” to continue.

**\*Note – The firmware on all APs, that joined the Unleashed network, will be upgraded or downgraded to match the Master AP.**

AP Role	Name	MAC	Model	Upgrade Progress	Actions
Master	Master Bedroom	70:ca:97:01:98:40	R550	Success 100%	
Member	Family Room	70:ca:97:01:63:80	R750	Success 100%	
Member	Bonus Room	80:03:84:2d:4f:60	R650	Success 100%	

The new firmware has been successfully downloaded. Please click the Reboot button to finish upgrade.

**Reboot** **Cancel**

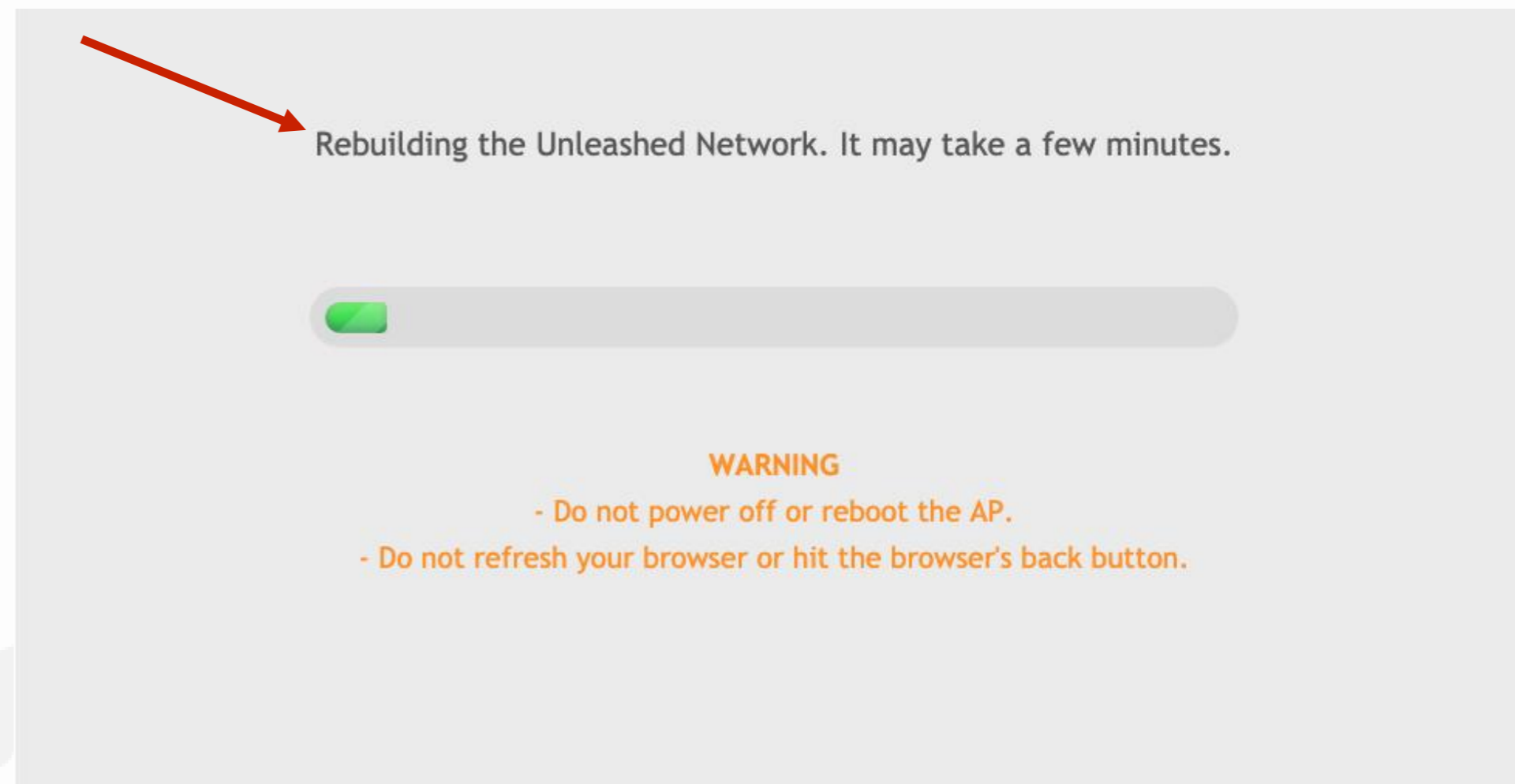


# Chapter 4 – Performing a Local Upgrade to Unleashed AP

## Rebuilding the Unleashed Network

The Unleashed Network will now begin the rebuilding process.

Once this process completes, you will be redirected to the Unleashed login page.



# Chapter 5 – Migrating a New-in-Box Standalone AP

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- How to Obtain the Unleashed Firmware
- Preparing the Standalone Access Points
- Migrating to Unleashed Firmware

# Chapter 5 – Migrating a New-in-Box Standalone AP

## How to Obtain Unleashed Firmware

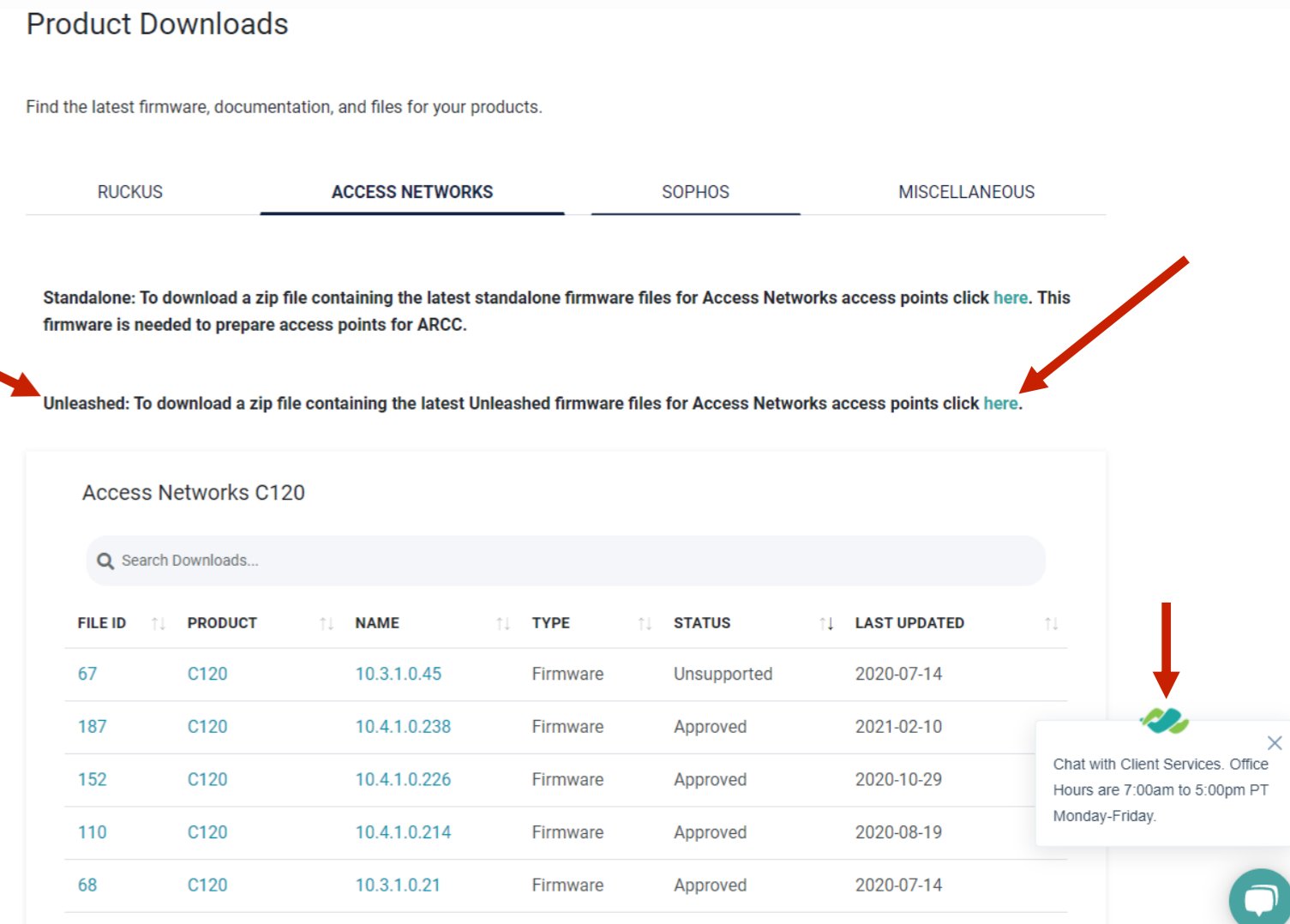
The best place to find the latest standalone firmware will be on our dealer portal. <https://my.accessnetworks.com/product-downloads#an-access-points/>

Simply click on the link labeled “**here**” within the “**Unleashed:**” area. This will download the zip file that contains the latest Unleashed firmware files for Access Networks access points.

Unzipping the “AN\_Unleashed\_latest.zip” is required. Once you unzip the zip file, this folder will contain all of Access Networks’ branded access points Unleashed firmware.

If you have any questions comparing or selecting which version of firmware to use, please contact Client Services through our chat feature.

**\*Note – Please keep in mind, Unleashed firmware is needed to prepare the access points for Unleashed Wireless Controller deployments.**



Product Downloads

Find the latest firmware, documentation, and files for your products.

RUCKUS    **ACCESS NETWORKS**    SOPHOS    MISCELLANEOUS

Standalone: To download a zip file containing the latest standalone firmware files for Access Networks access points click [here](#). This firmware is needed to prepare access points for ARCC.

Unleashed: To download a zip file containing the latest Unleashed firmware files for Access Networks access points click [here](#).

Access Networks C120

Search Downloads...

FILE ID	PRODUCT	NAME	TYPE	STATUS	LAST UPDATED
67	C120	10.3.1.0.45	Firmware	Unsupported	2020-07-14
187	C120	10.4.1.0.238	Firmware	Approved	2021-02-10
152	C120	10.4.1.0.226	Firmware	Approved	2020-10-29
110	C120	10.4.1.0.214	Firmware	Approved	2020-08-19
68	C120	10.3.1.0.21	Firmware	Approved	2020-07-14

Chat with Client Services. Office Hours are 7:00am to 5:00pm PT Monday-Friday.

# Chapter 5 – Migrating a New-in-Box Standalone AP

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## Preparing the Standalone Access Points

The process of taking a new-in-box standalone access point and loading the Unleashed firmware that is specific to the model number will allow the access point to be associated to an existing Unleashed deployment or become the Unleashed master access point.

Before starting the firmware update process, the access point cannot be connected to a network that has an active Unleashed, C-120 Wireless Controller, or ARCC Cloud-based controller installation. The access point will need to be powered and connected to the PC or MacBook by the following:

- A power adapter and connected to the PC or MacBook with a crossover ethernet cable
- An inline power injector and connected the PC or MacBook with a crossover ethernet cable
- An ethernet cable connected to a PoE+ switch with only your PC or MacBook device connected

# Chapter 5 – Migrating a New-in-Box Standalone AP

## Migrating to Unleashed Firmware

In your internet browser window, navigate to the access point's default IP address of `https://192.168.0.1`.

Login using the access points' default credentials (it can also be found on the backside of the access point).

“Username:” will use the word – “super”.

The “Password:” will use the word – “sp-admin”.

Now click on “Login” to continue.



  
**Ruckus Wireless Admin**

Username:

Password:

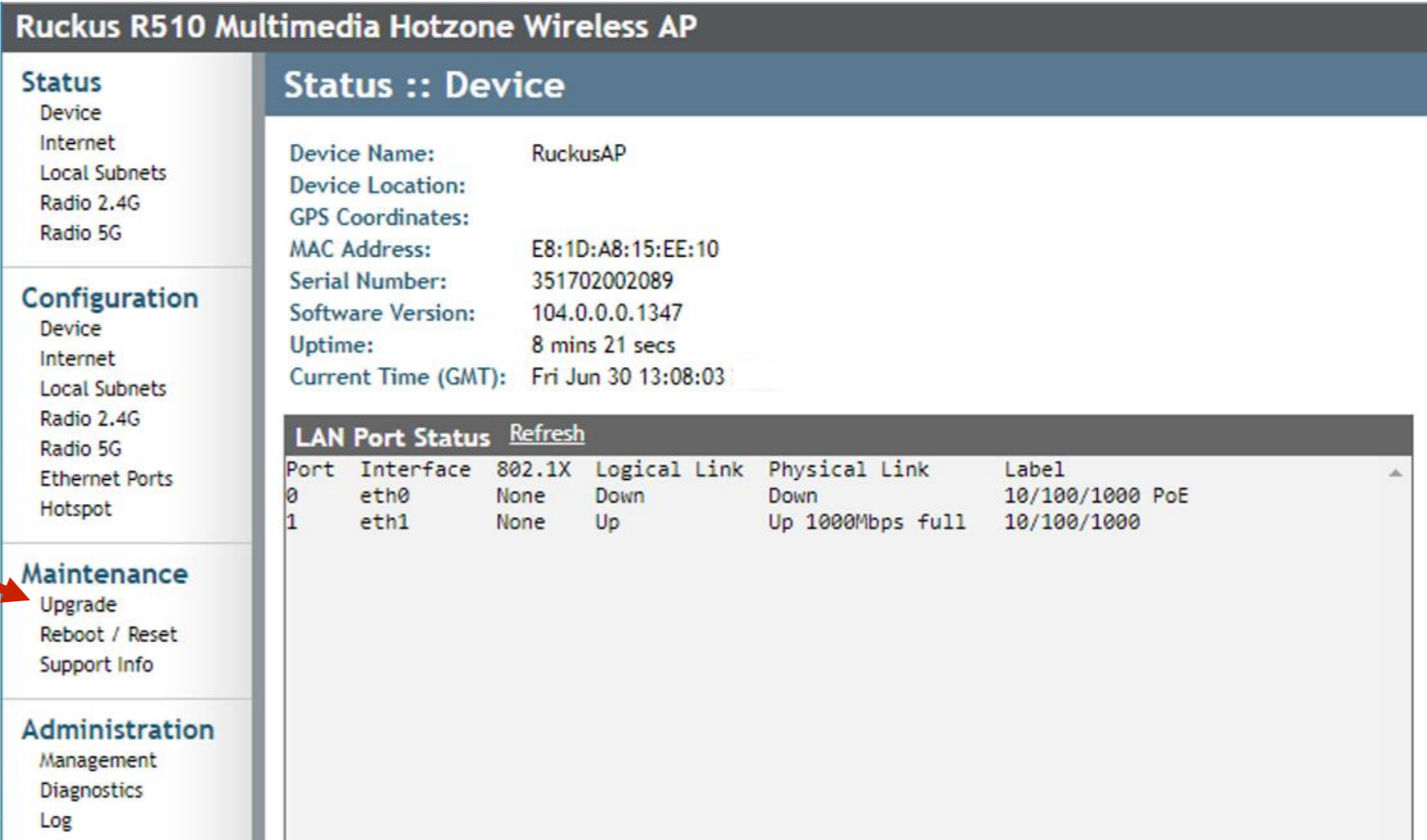


# Chapter 5 – Migrating a New-in-Box Standalone AP

## Migrating to Unleashed Firmware

You are now connected to the access point.

At the main dashboard, select the “Maintenance: Upgrade” tab on the left-hand side.



**Ruckus R510 Multimedia Hotzone Wireless AP**

**Status :: Device**

Device Name: RuckusAP  
Device Location:  
GPS Coordinates:  
MAC Address: E8:1D:A8:15:EE:10  
Serial Number: 351702002089  
Software Version: 104.0.0.0.1347  
Uptime: 8 mins 21 secs  
Current Time (GMT): Fri Jun 30 13:08:03

**LAN Port Status** Refresh

Port	Interface	802.1X	Logical Link	Physical Link	Label
0	eth0	None	Down	Down	10/100/1000 PoE
1	eth1	None	Up	Up 1000Mbps full	10/100/1000

**Maintenance**  
Upgrade  
Reboot / Reset  
Support Info

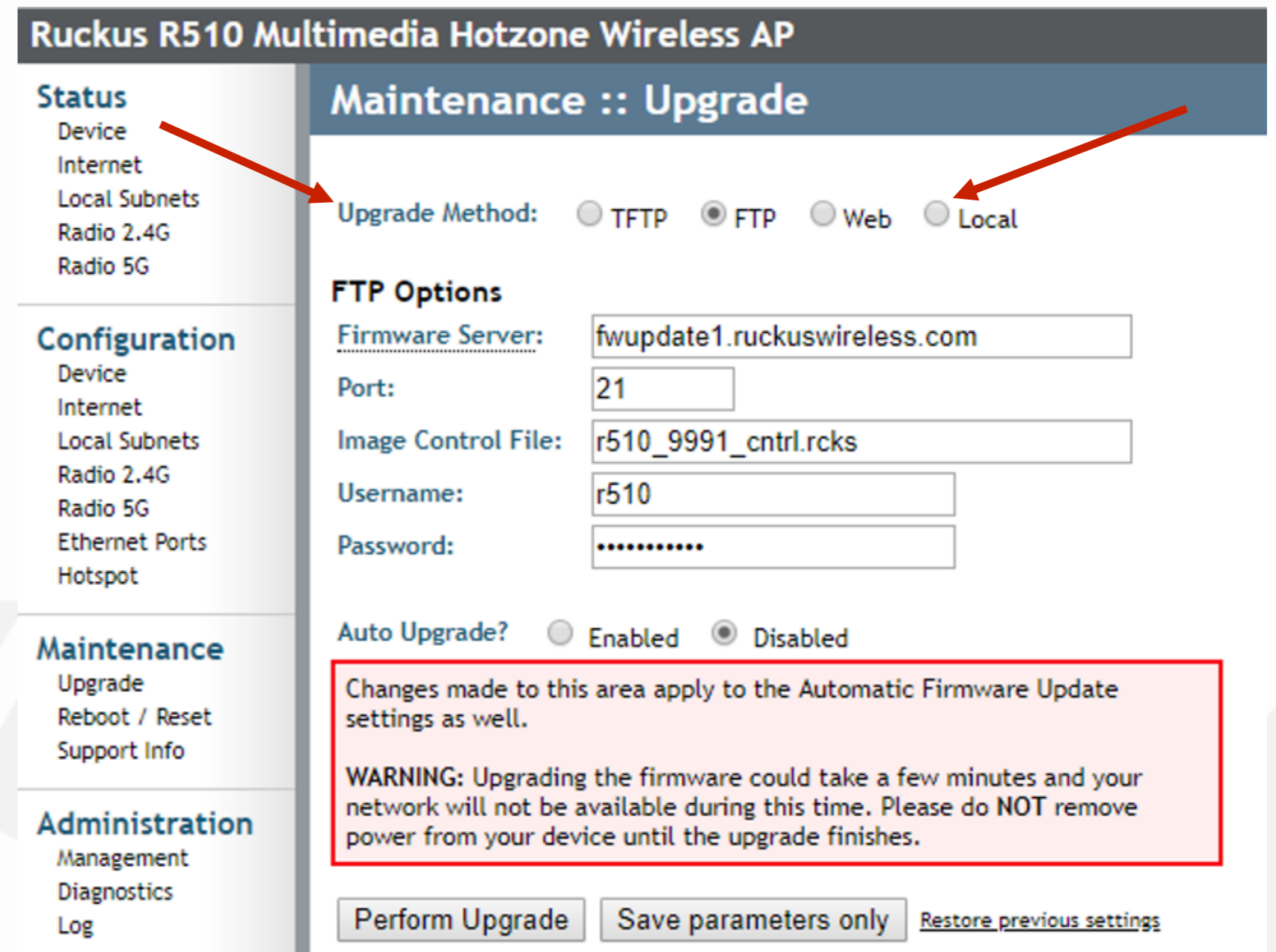
**Administration**  
Management  
Diagnostics  
Log



# Chapter 5 – Migrating a New-in-Box Standalone AP

## Migrating to Unleashed Firmware

The “Maintenance :: Upgrade” page will now be visible. There will be multiple “Upgrade Method:” to choose from. Click on “Local” selection to continue.



The screenshot shows the web interface for a Ruckus R510 Multimedia Hotzone Wireless AP. The page title is "Maintenance :: Upgrade". On the left, a navigation menu includes sections for Status, Configuration, Maintenance, and Administration. The "Maintenance" section is expanded, showing "Upgrade" as the selected option. The main content area contains the following settings:

- Upgrade Method:** Radio buttons for TFTP, FTP (selected), Web, and Local. A red arrow points to the "Local" option.
- FTP Options:**
  - Firmware Server: fwupdate1.ruckuswireless.com
  - Port: 21
  - Image Control File: r510\_9991\_cntrl.rcks
  - Username: r510
  - Password: [Redacted]
- Auto Upgrade?:** Radio buttons for Enabled and Disabled (selected).

A red-bordered box contains the following text:

Changes made to this area apply to the Automatic Firmware Update settings as well.

**WARNING:** Upgrading the firmware could take a few minutes and your network will not be available during this time. Please do NOT remove power from your device until the upgrade finishes.

At the bottom, there are three buttons: "Perform Upgrade", "Save parameters only", and a link for "Restore previous settings".

# Chapter 5 – Migrating a New-in-Box Standalone AP

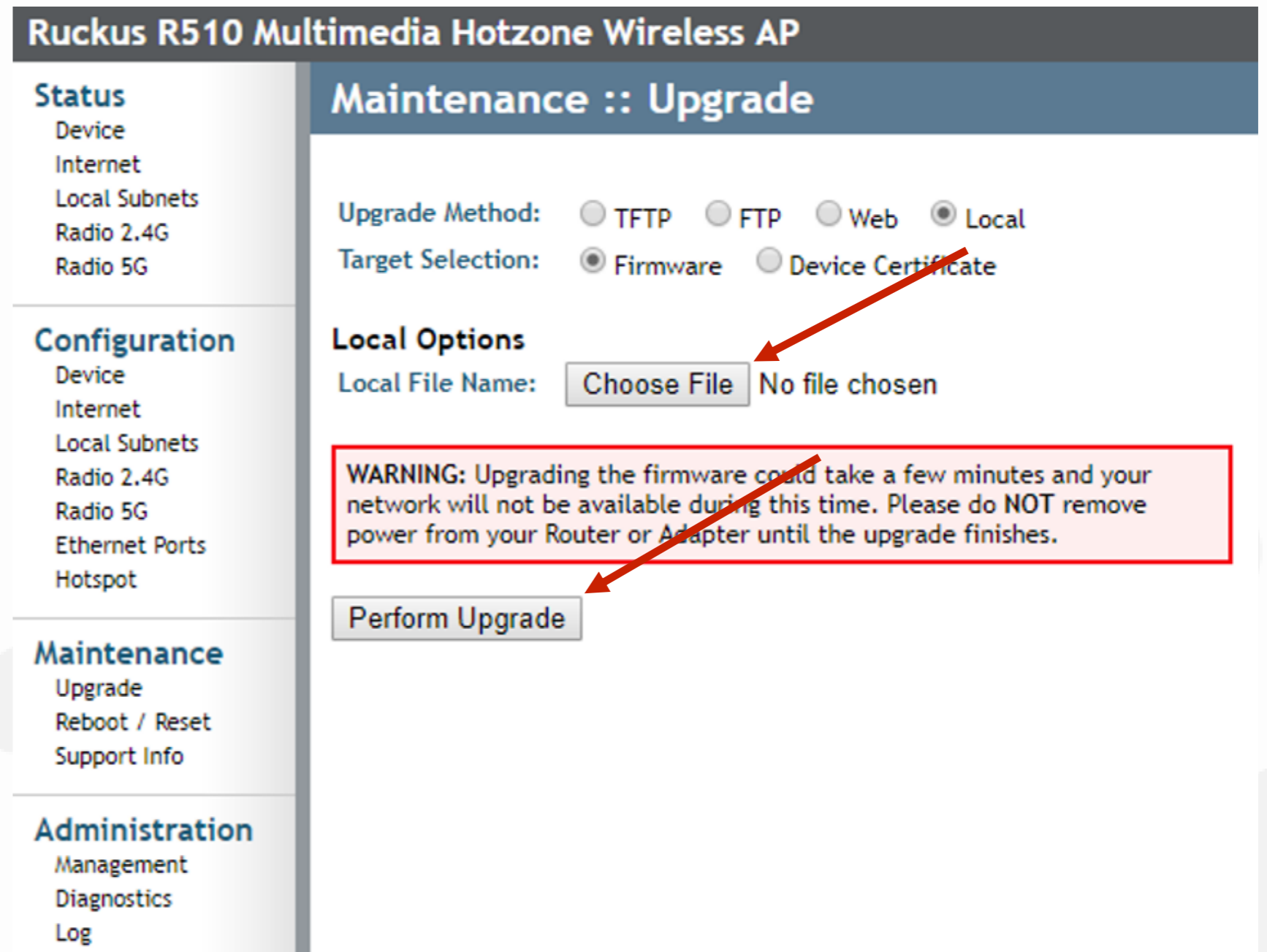
## Migrating to Unleashed Firmware

The “Local Options” page will now be visible. Click the “Choose File” button.

Browse to where you have the 200.xx.xx.x.xxx.bl7 firmware image saved on the computer.

Click the “Perform Upgrade” button to start firmware upgrade process.

The access point will then load the firmware image.



The screenshot shows the Ruckus R510 Multimedia Hotzone Wireless AP web interface. The main heading is "Maintenance :: Upgrade". On the left sidebar, there are sections for "Status", "Configuration", "Maintenance", and "Administration". The "Maintenance" section is active, showing "Upgrade", "Reboot / Reset", and "Support Info". The "Upgrade" page has the following options:

- Upgrade Method:** Radio buttons for TFTP, FTP, Web, and Local (selected).
- Target Selection:** Radio buttons for Firmware (selected) and Device Certificate.
- Local Options:** "Local File Name:" with a "Choose File" button and "No file chosen" text. A red arrow points to the "Choose File" button.
- Warning:** A red-bordered box contains the text: "WARNING: Upgrading the firmware could take a few minutes and your network will not be available during this time. Please do NOT remove power from your Router or Adapter until the upgrade finishes." A red arrow points to this box.
- Perform Upgrade:** A button at the bottom of the page. A red arrow points to this button.

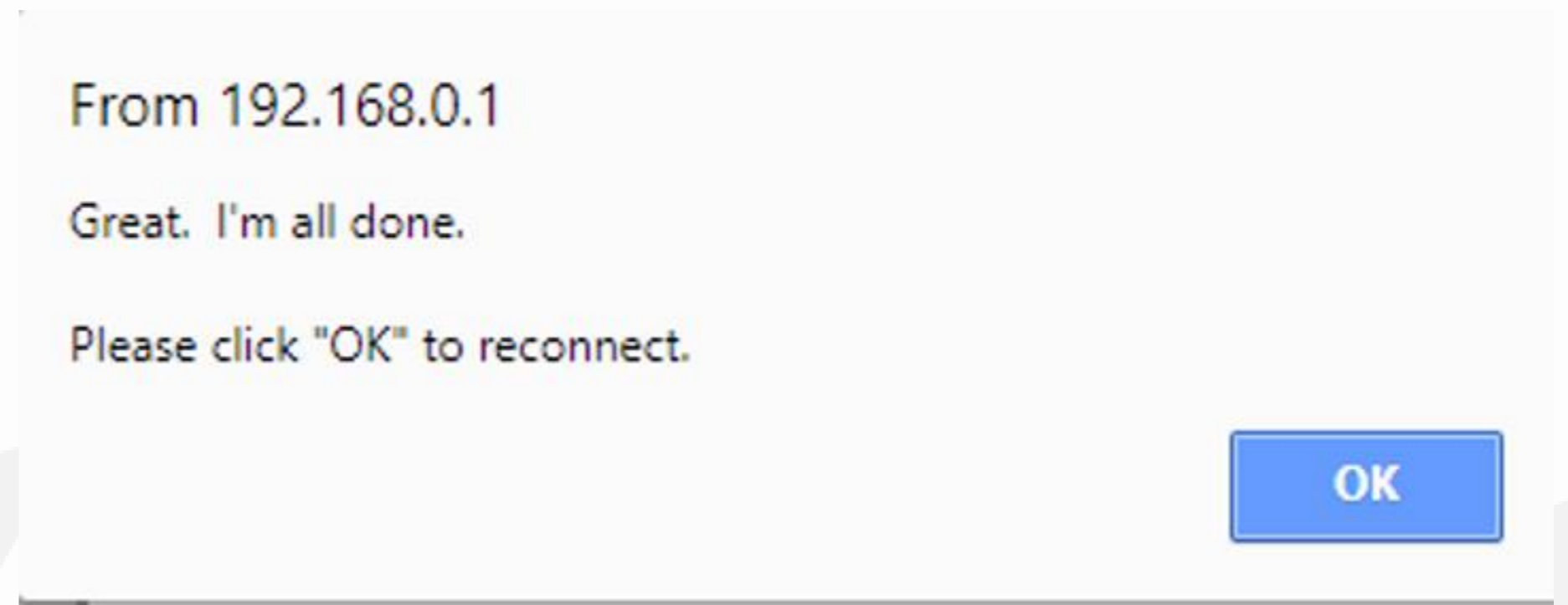
# Chapter 5 – Migrating a New-in-Box Standalone AP

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## Migrating to Unleashed Firmware

When the “Great. I’m all done.” message appears, you can safely reboot the access point.

After rebooting and reconnecting to the local network, the Unleashed access point will begin broadcasting a temporary unencrypted WLAN named “ConfigureMe-[xxxxxx]” ([xxxxxx] is the last 6 digits of the MAC address of the AP).



# Chapter 6 – Migrating a Previously Configured Standalone AP

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- How to Obtain the Unleashed Firmware
- Preparing a Previously Configured AP
- Hard Resetting the Configured AP
- Migrating to Unleashed Firmware

# Chapter 6 – Migrating a Previously Configured Standalone AP

## How to Obtain Unleashed Firmware

The best place to find the latest standalone firmware will be on our dealer portal. <https://my.accessnetworks.com/product-downloads#an-access-points/>

Simply click on the link labeled “**here**” within the “**Unleashed:**” area. This will download the zip file that contains the latest Unleashed firmware files for Access Networks access points.

Unzipping the “AN\_Unleashed\_latest.zip” is required. Once you unzip the zip file, this folder will contain all of Access Networks’ branded access points Unleashed firmware.

If you have any questions comparing or selecting which version of firmware to use, please contact Client Services through our chat feature.

**\*Note – Please keep in mind, Unleashed firmware is needed to prepare the access points for Unleashed Wireless Controller deployments.**

### Product Downloads

Find the latest firmware, documentation, and files for your products.

RUCKUS

**ACCESS NETWORKS**

SOPHOS

MISCELLANEOUS

Standalone: To download a zip file containing the latest standalone firmware files for Access Networks access points click [here](#). This firmware is needed to prepare access points for ARCC.

Unleashed: To download a zip file containing the latest Unleashed firmware files for Access Networks access points click [here](#).

#### Access Networks C120

Search Downloads...

FILE ID	PRODUCT	NAME	TYPE	STATUS	LAST UPDATED
67	C120	10.3.1.0.45	Firmware	Unsupported	2020-07-14
187	C120	10.4.1.0.238	Firmware	Approved	2021-02-10
152	C120	10.4.1.0.226	Firmware	Approved	2020-10-29
110	C120	10.4.1.0.214	Firmware	Approved	2020-08-19
68	C120	10.3.1.0.21	Firmware	Approved	2020-07-14

Chat with Client Services. Office Hours are 7:00am to 5:00pm PT Monday-Friday.



# Chapter 6 – Migrating a Previously Configured Standalone AP

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## Preparing a Previously Configured AP

An already configured ARCC or C-120 access point can be converted for use in an Unleashed network deployment or become the Unleashed Master Wireless Controller.

Before starting the firmware update process, the access point cannot be connected to a network that has an active Unleashed, C-120 Wireless Controller, or ARCC Cloud-based controller installation. The access point will need to be powered and connected to the PC or MacBook by the following:

- A power adapter and connected to the PC or MacBook with a crossover ethernet cable
- An inline power injector and connected the PC or MacBook with a crossover ethernet cable
- An ethernet cable connected to a PoE+ switch with only your PC or MacBook device connected

# Chapter 6 – Migrating a Previously Configured Standalone AP

## Hard Resetting the Configured AP

Power on the Configured AP and let it fully power up.  
Press the indented hard reset button for 15 seconds before releasing.

The reset button can be found near the PoE ethernet port on the AP.

Wait for the AP to reboot.





# Chapter 6 – Migrating a Previously Configured Standalone AP

## Migrating to Unleashed Firmware

In your internet browser window, navigate to the access points default IP address of `https://192.168.0.1`.

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“Username:” will use the word – “super”.

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Now click on “Login” to continue.



  
**Ruckus Wireless Admin**

**Username:**

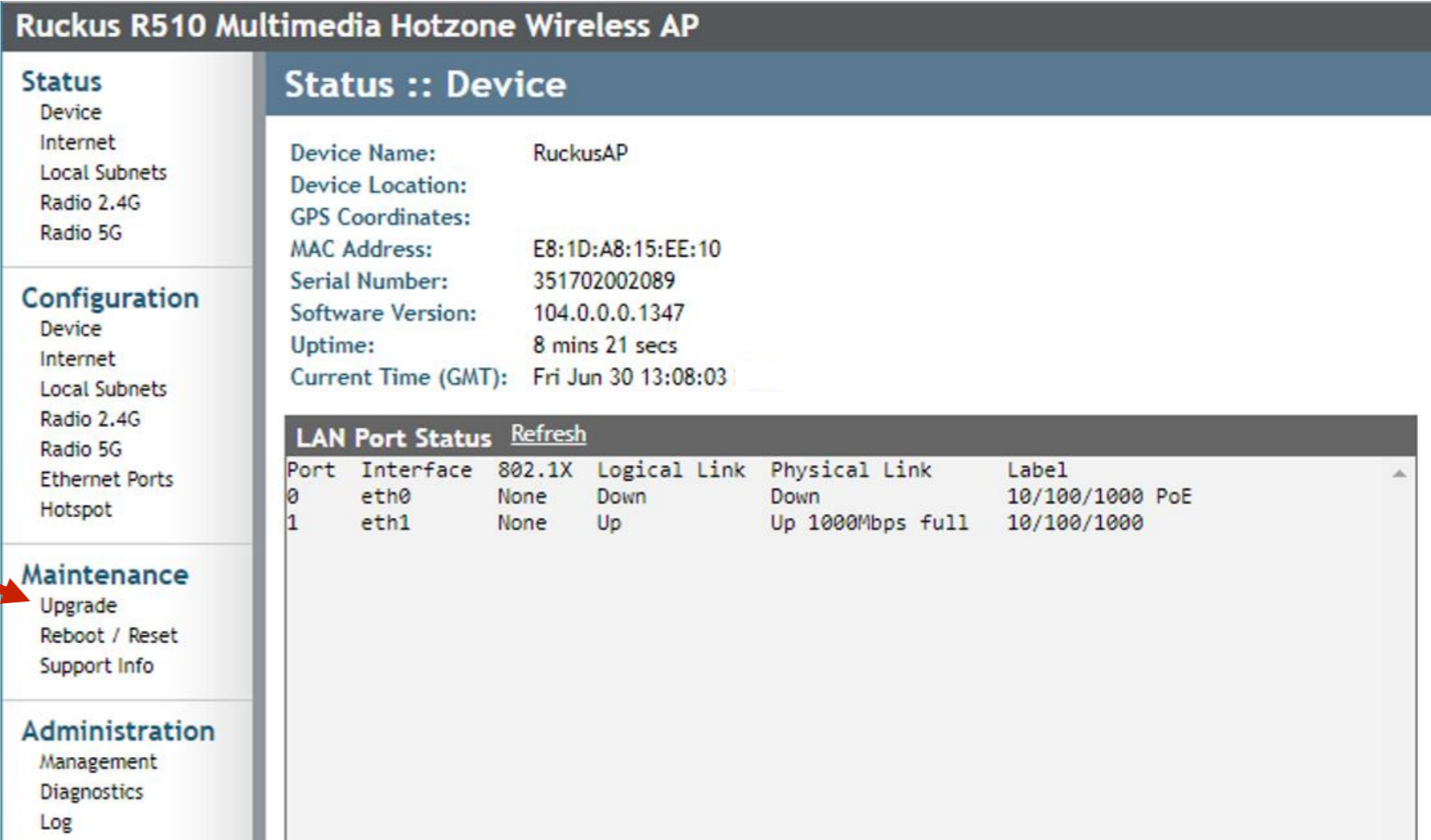
**Password:**

# Chapter 6 – Migrating a Previously Configured Standalone AP

## Migrating to Unleashed Firmware

You are now connected to the access point.

At the main dashboard, select the “Maintenance: Upgrade” tab on the left-hand side.



**Ruckus R510 Multimedia Hotzone Wireless AP**

**Status**  
Device  
Internet  
Local Subnets  
Radio 2.4G  
Radio 5G

**Configuration**  
Device  
Internet  
Local Subnets  
Radio 2.4G  
Radio 5G  
Ethernet Ports  
Hotspot

**Maintenance**  
Upgrade  
Reboot / Reset  
Support Info

**Administration**  
Management  
Diagnostics  
Log

**Status :: Device**

Device Name: RuckusAP  
Device Location:  
GPS Coordinates:  
MAC Address: E8:1D:A8:15:EE:10  
Serial Number: 351702002089  
Software Version: 104.0.0.0.1347  
Uptime: 8 mins 21 secs  
Current Time (GMT): Fri Jun 30 13:08:03

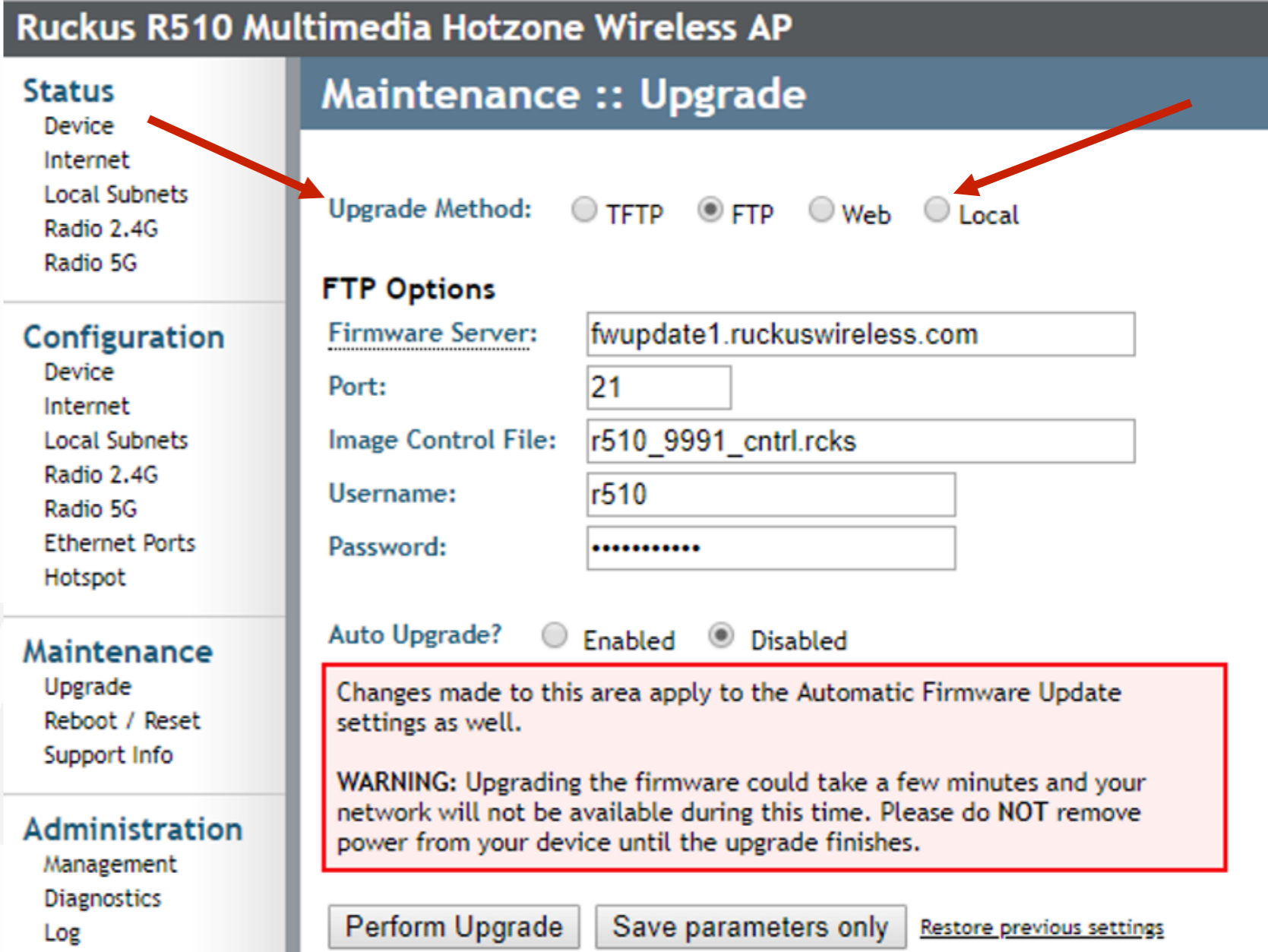
**LAN Port Status** Refresh

Port	Interface	802.1X	Logical Link	Physical Link	Label
0	eth0	None	Down	Down	10/100/1000 PoE
1	eth1	None	Up	Up 1000Mbps full	10/100/1000

# Chapter 6 – Migrating a Previously Configured Standalone AP

## Migrating to Unleashed Firmware

The “Maintenance :: Upgrade” page will now be visible. There will be multiple “Upgrade Method:” to choose from. Click on “Local” selection to continue.



The screenshot shows the web interface for a Ruckus R510 Multimedia Hotzone Wireless AP. The page title is "Maintenance :: Upgrade". On the left, there is a navigation menu with sections: Status, Configuration, Maintenance, and Administration. The "Maintenance" section is expanded, showing "Upgrade", "Reboot / Reset", and "Support Info". The main content area has the following settings:

- Upgrade Method:** Radio buttons for TFTP, FTP (selected), Web, and Local. A red arrow points to the "Local" option.
- FTP Options:**
  - Firmware Server: fwupdate1.ruckuswireless.com
  - Port: 21
  - Image Control File: r510\_9991\_cntrl.rcks
  - Username: r510
  - Password: [masked]
- Auto Upgrade?:** Radio buttons for Enabled and Disabled (selected).

A red-bordered warning box contains the following text: "Changes made to this area apply to the Automatic Firmware Update settings as well." and "WARNING: Upgrading the firmware could take a few minutes and your network will not be available during this time. Please do NOT remove power from your device until the upgrade finishes." At the bottom, there are three buttons: "Perform Upgrade", "Save parameters only", and "Restore previous settings".

# Chapter 6 – Migrating a Previously Configured Standalone AP

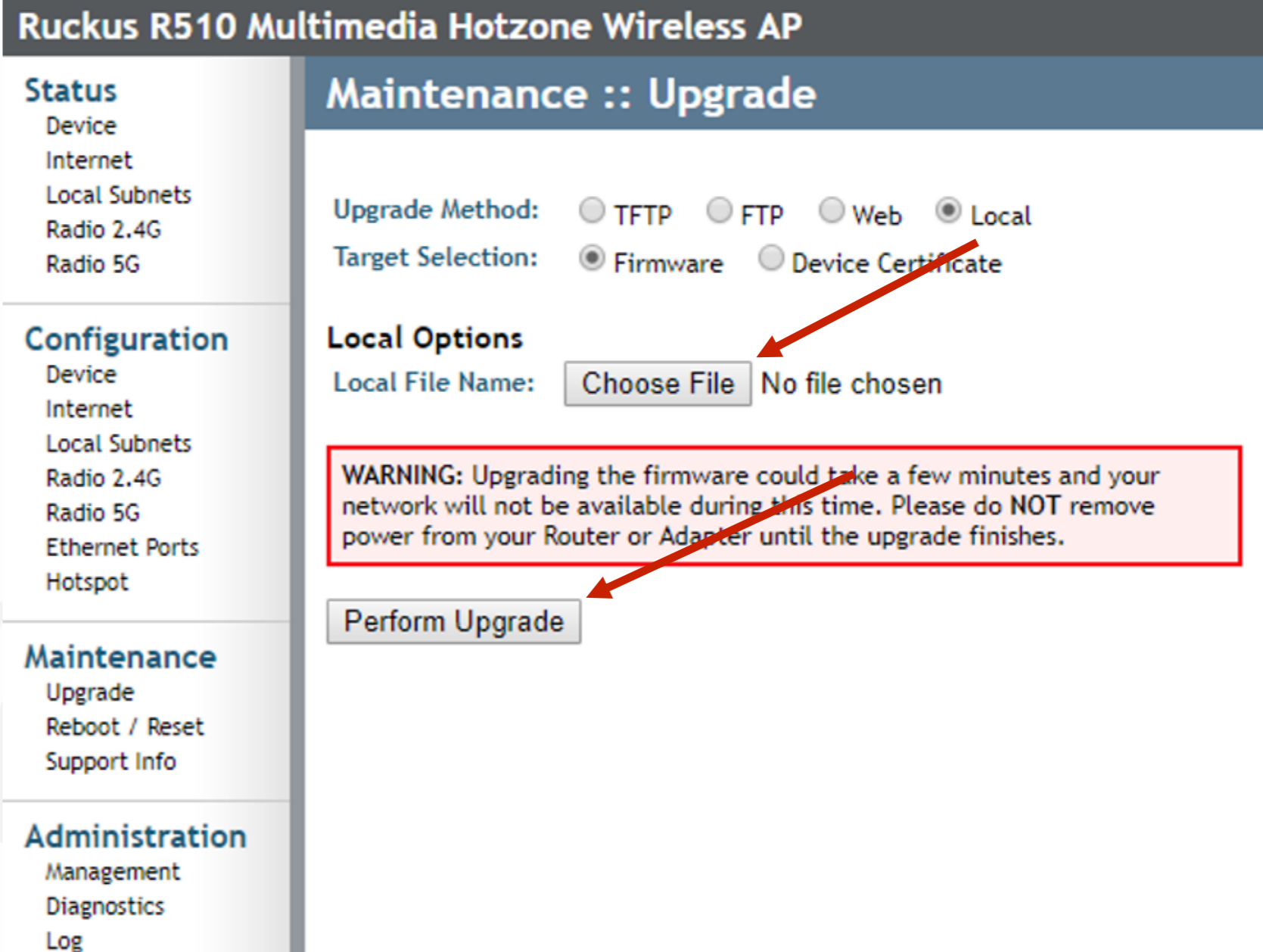
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The “Local Options” page will now be visible. Click the “Choose File” button.

Browse to where you have the 200.xx.xx.x.xxx.bl7 firmware image saved on the computer.

Click the “Perform Upgrade” button to start firmware upgrade process.

The access point will then load the firmware image.



The screenshot shows the web interface for a Ruckus R510 Multimedia Hotzone Wireless AP. The page title is "Maintenance :: Upgrade". On the left, there is a navigation menu with sections: Status, Configuration, Maintenance, and Administration. The "Status" section includes links for Device, Internet, Local Subnets, Radio 2.4G, and Radio 5G. The "Configuration" section includes links for Device, Internet, Local Subnets, Radio 2.4G, Radio 5G, Ethernet Ports, and Hotspot. The "Maintenance" section includes links for Upgrade, Reboot / Reset, and Support Info. The "Administration" section includes links for Management, Diagnostics, and Log. The main content area shows the "Upgrade Method" with radio buttons for TFTP, FTP, Web, and Local (selected). The "Target Selection" has radio buttons for Firmware (selected) and Device Certificate. Under "Local Options", there is a "Local File Name:" field with a "Choose File" button and the text "No file chosen". A red box highlights a warning message: "WARNING: Upgrading the firmware could take a few minutes and your network will not be available during this time. Please do NOT remove power from your Router or Adapter until the upgrade finishes." Below the warning is a "Perform Upgrade" button. Red arrows point from the text in the instructions to the "Choose File" button, the warning box, and the "Perform Upgrade" button.

# Chapter 6 – Migrating a Previously Configured Standalone AP

## Migrating to Unleashed Firmware

When the “Great. I’m all done.” message appears, you can safely reboot the access point.

After rebooting and reconnecting to the local network, the Unleashed access point will begin broadcasting a temporary unencrypted WLAN named “ConfigureMe-[xxxxxx]” ([xxxxxx] is the last 6 digits of the MAC address of the AP).





# Unleashed File Management Guide Firmware Version 200.12

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- Access Networks Technical Services engineers are available to assist you in the troubleshooting process.
- If you have any questions about backing up/restoring configurations, how to upgrade firmware, migrating firmware or need information on a topic not detailed in the Unleashed Configuration Guides, please contact the Access Networks Technical Services department for assistance.
- For telephone, visit [snp1.com/techsupport](http://snp1.com/techsupport)
- Email: [support-case@accessnetworks.com](mailto:support-case@accessnetworks.com)
- Existing Access Networks partner can visit <https://my.accessnetworks.com/partners/> and either open a case or start a chat session by selecting the “Support” tab.

# THANK YOU

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