

# RUCKUS Unleashed Multi-Site Manager Release Notes, 2.8

## Supporting Unleashed Multi-Site Manager Release 2.8

© 2024 CommScope, Inc. All rights reserved.

No part of this content may be reproduced in any form or by any means or used to make any derivative work (such as translation, transformation, or adaptation) without written permission from CommScope, Inc. and/or its affiliates ("CommScope"). CommScope reserves the right to revise or change this content from time to time without obligation on the part of CommScope to provide notification of such revision or change.

## Export Restrictions

These products and associated technical data (in print or electronic form) may be subject to export control laws of the United States of America. It is your responsibility to determine the applicable regulations and to comply with them. The following notice is applicable for all products or technology subject to export control:

*These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.*

## Disclaimer

THIS CONTENT AND ASSOCIATED PRODUCTS OR SERVICES ("MATERIALS"), ARE PROVIDED "AS IS" AND WITHOUT WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED. TO THE FULLEST EXTENT PERMISSIBLE PURSUANT TO APPLICABLE LAW, COMMSCOPE DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, TITLE, NON-INFRINGEMENT, FREEDOM FROM COMPUTER VIRUS, AND WARRANTIES ARISING FROM COURSE OF DEALING OR COURSE OF PERFORMANCE. CommScope does not represent or warrant that the functions described or contained in the Materials will be uninterrupted or error-free, that defects will be corrected, or are free of viruses or other harmful components. CommScope does not make any warranties or representations regarding the use of the Materials in terms of their completeness, correctness, accuracy, adequacy, usefulness, timeliness, reliability or otherwise. As a condition of your use of the Materials, you warrant to CommScope that you will not make use thereof for any purpose that is unlawful or prohibited by their associated terms of use.

## Limitation of Liability

IN NO EVENT SHALL COMMSCOPE, COMMSCOPE AFFILIATES, OR THEIR OFFICERS, DIRECTORS, EMPLOYEES, AGENTS, SUPPLIERS, LICENSORS AND THIRD PARTY PARTNERS, BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, PUNITIVE, INCIDENTAL, EXEMPLARY OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER, EVEN IF COMMSCOPE HAS BEEN PREVIOUSLY ADVISED OF THE POSSIBILITY OF SUCH DAMAGES, WHETHER IN AN ACTION UNDER CONTRACT, TORT, OR ANY OTHER THEORY ARISING FROM YOUR ACCESS TO, OR USE OF, THE MATERIALS. Because some jurisdictions do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of liability for consequential or incidental damages, some of the above limitations may not apply to you.

## Trademarks

CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see <https://www.commscope.com/trademarks>. All product names, trademarks, and registered trademarks are the property of their respective owners.

## Patent Marking Notice

For applicable patents, see [www.cs-pat.com](http://www.cs-pat.com).

# Contents

---

<b>Document History</b> .....	<b>4</b>
<b>Overview</b> .....	<b>4</b>
Overview of Unleashed Multi-Site Manager.....	4
Browsers and Languages Supported .....	4
<b>New in This Release</b> .....	<b>4</b>
New features and Enhancements.....	4
<b>Known Issues</b> .....	<b>5</b>
<b>Hardware and Software Support</b> .....	<b>5</b>
Platforms Supported.....	5
<b>Software Installation</b> .....	<b>21</b>
Hardware Requirements and Specifications.....	21
Software Requirements and Specifications.....	22
License Information.....	23
Firewall Ports that Must Be Open for Communication.....	23
<b>Software Upgrade</b> .....	<b>23</b>
Upgrading Unleashed Multi-Site Manager.....	23
Upgrade Path.....	24

# Document History

Revision Number	Summary of changes	Publication date
A	New enhancement and features for the UMM 2.8 release.	April 2023
B	New enhancement and features for the UMM 2.8 patch release.	January 2024

## Overview

### Overview of Unleashed Multi-Site Manager

This document provides release information about the software including new features, enhancements, known issues, caveats, workaround, upgrade details and interoperability information.

Unleashed Multi-Site Manager (UMM) is a centralized WiFi Management application that securely manages, monitor, and controls RUCKUS WiFi system (such as Unleashed networks, ZoneDirector networks and wireless bridge AP P300) over the internet or IP network. It is a network management system (NMS) that provides capabilities such as configuration, fault detection, audit, performance management and optimization of remote Smart Wi-Fi networks from a single point

### Browsers and Languages Supported

RUCKUS strongly recommends that you use the latest release of an officially-supported browsers to view the Unleashed Multi-Site Manager user interface.

Officially Supported Browsers include Firefox, Chrome, and Edge.

Internet Explorer and Safari are not supported.

Unleashed Multi-Site Manager 2.8 release supports to upload multi-language package. The languages like English, Chinese simplified, and Chinese traditional are installed by default.

## New in This Release

This section provides a high-level overview of several key features that are introduced in this release of Unleashed Multi-Site Manager. For detailed descriptions of these features and configuration help, refer to the Unleashed Multi-Site Manager User Guide for this release.

### New features and Enhancements

The following new features and enhancements are available in this release of the product:

- Support Unleashed 200.15 network.

## Known Issues

This section lists the caveats, limitations, and known issues for Unleashed Multi-Site Manager.

- The Unleashed Multi-Site Manager server will not be able to fetch data from ICX switches if you disable SNMP or telnet services on the switch.
- Unleashed Multi-Site Manager fails to restore 10.2 Zone Director's configuration (ZF-19821).

## Hardware and Software Support

### Platforms Supported

Unleashed Multi-Site Manager securely manages and controls ICX switch, Unleashed APs and ZoneDirector WiFi networks. You must be aware of the platforms it supports to manage them.

#### Standard Mode

This release supports the following platforms:

ZoneDirector Model	Software Version Supported
<b>10.5.1 ZoneDirector</b>	
ZD1200	zd1200_10.5.1.0.124.ap_10.5.1.0.124.img
<b>10.5 ZoneDirector</b>	
ZD1200	zd1200_10.5.0.0.150.ap_10.5.0.0.150.img
<b>10.4 MR ZoneDirector</b>	
ZD1200	zd1200_10.4.1.0.214.ap_10.4.1.0.214.img
<b>10.4 ZoneDirector</b>	
ZD1200	zd1200_10.4.0.0.69.ap_10.4.0.0.69.img
<b>10.3 ZoneDirector</b>	
ZD1200	zd1200_10.3.0.0.362.ap_10.3.0.0.362.img

This release supports the following Unleashed AP models:

#### NOTE

Redirection, configuration backup, restore, upgrade and editing WLAN will not work until the tunnel is up for Unleashed Networks running versions 200.6 or later.

Unleashed AP Model	Software Version Supported
<b>200.15 Unleashed Network</b>	
R710	R710_200.15.6.12.304.bl7 or later
T610	T610_200.15.6.12.304.bl7 or later
T610S	T610s_200.15.6.12.304.bl7 or later
R610	R610_200.15.6.12.304.bl7 or later
T710	T710_200.15.6.12.304.bl7 or later
T710S	T710s_200.15.6.12.304.bl7 or later

**Hardware and Software Support**  
Platforms Supported

Unleashed AP Model	Software Version Supported
R720	R720_200.15.6.12.304.bl7 or later
R510	R510_200.15.6.12.304.bl7 or later
H510	H510_200.15.6.12.304.bl7 or later
H320	H320_200.15.6.12.304.bl7 or later
T310D	T310d_200.15.6.12.304.bl7 or later
T310N	T310n_200.15.6.12.304.bl7 or later
T310C	T310c_200.15.6.12.304.bl7 or later
T310S	T310s_200.15.6.12.304.bl7 or later
E510	E510_200.15.6.12.304.bl7 or later
C110	C110_200.15.6.12.304.bl7 or later
R320	R320_200.15.6.12.304.bl7 or later
M510	M510_200.15.6.12.304.bl7 or later
R750	R750_200.15.6.12.304.bl7 or later
R550	R550_200.15.6.12.304.bl7 or later
R650	R650_200.15.6.12.304.bl7 or later
T750	T750_200.15.6.12.304.bl7 or later
T750-SE	T750-se_200.15.6.12.304.bl7 or later
H550	H550_200.15.6.12.304.bl7 or later
R350	R350_200.15.6.12.304.bl7 or later
T350D	T350D_200.15.6.12.304.bl7 or later
T350C	T350C_200.15.6.12.304.bl7 or later
H350	H350_200.15.6.12.304.bl7 or later
T350SE	T350SE_200.15.6.12.304.bl7 or later
<b>200.14 Unleashed Network</b>	
R710	R710_200.14.6.1.179.bl7 or later
T610	T610_200.14.6.1.179.bl7 or later
T610S	T610s_200.14.6.1.179.bl7 or later
R610	R610_200.14.6.1.179.bl7 or later
T710	T710_200.14.6.1.179.bl7 or later
T710S	T710s_200.14.6.1.179.bl7 or later
R720	R720_200.14.6.1.179.bl7 or later
R510	R510_200.14.6.1.179.bl7 or later
H510	H510_200.14.6.1.179.bl7 or later
H320	H320_200.14.6.1.179.bl7 or later
T310D	T310d_200.14.6.1.179.bl7 or later
T310N	T310n_200.14.6.1.179.bl7 or later
T310C	T310c_200.14.6.1.179.bl7 or later
T310S	T310s_200.14.6.1.179.bl7 or later
E510	E510_200.14.6.1.179.bl7 or later
C110	C110_200.14.6.1.179.bl7 or later
R320	R320_200.14.6.1.179.bl7 or later
M510	M510_200.14.6.1.179.bl7 or later

Unleashed AP Model	Software Version Supported
R750	R750_200.14.6.1.179.bl7 or later
R550	R550_200.14.6.1.179.bl7 or later
R650	R650_200.14.6.1.179.bl7 or later
T750	T750_200.14.6.1.179.bl7 or later
T750-SE	T750-se_200.14.6.1.179.bl7 or later
H550	H550_200.14.6.1.179.bl7 or later
R350	R350_200.14.6.1.179.bl7 or later
T350D	T350D_200.14.6.1.179.bl7 or later
T350C	T350C_200.14.6.1.179.bl7 or later
H350	H350_200.14.6.1.179.bl7 or later
T350SE	T350SE_200.14.6.1.179.bl7 or later
<b>200.13 Unleashed Network</b>	
R710	R710_200.13.6.1.319.bl7 or later
T610	T610_200.13.6.1.319.bl7 or later
T610S	T610s_200.13.6.1.319.bl7 or later
R610	R610_200.13.6.1.319.bl7 or later
T710	T710_200.13.6.1.319.bl7 or later
T710S	T710s_200.13.6.1.319.bl7 or later
R720	R720_200.13.6.1.319.bl7 or later
R510	R510_200.13.6.1.319.bl7 or later
H510	H510_200.13.6.1.319.bl7 or later
H320	H320_200.13.6.1.319.bl7 or later
T310D	T310d_200.13.6.1.319.bl7 or later
T310N	T310n_200.13.6.1.319.bl7 or later
T310C	T310c_200.13.6.1.319.bl7 or later
T310S	T310s_200.13.6.1.319.bl7 or later
E510	E510_200.13.6.1.319.bl7 or later
C110	C110_200.13.6.1.319.bl7 or later
R320	R320_200.13.6.1.319.bl7 or later
M510	M510_200.13.6.1.319.bl7 or later
R750	R750_200.13.6.1.319.bl7 or later
R550	R550_200.13.6.1.319.bl7 or later
R650	R650_200.13.6.1.319.bl7 or later
T750	T750_200.13.6.1.319.bl7 or later
T750-SE	T750-se_200.13.6.1.319.bl7 or later
H550	H550_200.13.6.1.319.bl7 or later
R350	R350_200.13.6.1.319.bl7 or later
T350D	T350D_200.13.6.1.319.bl7 or later
T350C	T350C_200.13.6.1.319.bl7 or later
H350	H350_200.13.6.1.319.bl7 or later
T350SE	T350SE_200.13.6.1.319.bl7 or later
<b>200.12 MR Unleashed Networks</b>	

**Hardware and Software Support**  
Platforms Supported

Unleashed AP Model	Software Version Supported
R710	R710_200.12.10.105.100.bl7 or later
T610	T610_200.12.10.105.100.bl7 or later
T610S	T610s_200.12.10.105.100.bl7 or later
R610	R610_200.12.10.105.100.bl7 or later
T710	T710_200.12.10.105.100.bl7 or later
T710S	T710s_200.12.10.105.100.bl7 or later
R720	R720_200.12.10.105.100.bl7 or later
R510	R510_200.12.10.105.100.bl7 or later
H510	H510_200.12.10.105.100.bl7 or later
H320	H320_200.12.10.105.100.bl7 or later
T310D	T310d_200.12.10.105.100.bl7 or later
T310N	T310n_200.12.10.105.100.bl7 or later
T310C	T310c_200.12.10.105.100.bl7 or later
T310S	T310s_200.12.10.105.100.bl7 or later
E510	E510_200.12.10.105.100.bl7 or later
C110	C110_200.12.10.105.100.bl7 or later
R320	R320_200.12.10.105.100.bl7 or later
M510	M510_200.12.10.105.100.bl7 or later
R750	R750_200.12.10.105.100.bl7 or later
R550	R550_200.12.10.105.100.bl7 or later
R650	R650_200.12.10.105.100.bl7 or later
T750	T750_200.12.10.105.100.bl7 or later
T750-SE	T750-se_200.12.10.105.100.bl7 or later
H550	H550_200.12.10.105.100.bl7 or later
R350	R350_200.12.10.105.100.bl7 or later
T350D	T350D_200.12.10.105.100.bl7 or later
T350C	T350C_200.12.10.105.100.bl7 or later
H350	H350_200.12.10.105.100.bl7 or later
T350SE	T350SE_200.12.10.105.100.bl7 or later
<b>200.12 Unleashed Network</b>	
R710	R710_200.12.10.5.234.bl7 or later
T610	T610_200.12.10.5.234.bl7 or later
T610S	T610s_200.12.10.5.234.bl7 or later
R610	R610_200.12.10.5.234.bl7 or later
T710	T710_200.12.10.5.234.bl7 or later
T710S	T710s_200.12.10.5.234.bl7 or later
R720	R720_200.12.10.5.234.bl7 or later
R510	R510_200.12.10.5.234.bl7 or later
H510	H510_200.12.10.5.234.bl7 or later
H320	H320_200.12.10.5.234.bl7 or later
T310D	T310d_200.12.10.5.234.bl7 or later
T310N	T310n_200.12.10.5.234.bl7 or later



Unleashed AP Model	Software Version Supported
T310C	T310c_200.12.10.5.234.bl7 or later
T310S	T310s_200.12.10.5.234.bl7 or later
E510	E510_200.12.10.5.234.bl7 or later
C110	C110_200.12.10.5.234.bl7 or later
R320	R320_200.12.10.5.234.bl7 or later
M510	M510_200.12.10.5.234.bl7 or later
R750	R750_200.12.10.5.234.bl7 or later
R550	R550_200.12.10.5.234.bl7 or later
R650	R650_200.12.10.5.234.bl7 or later
T750	T750_200.12.10.5.234.bl7 or later
T750-SE	T750-se_200.12.10.5.234.bl7 or later
H550	H550_200.12.10.5.234.bl7 or later
R350	R350_200.12.10.5.234.bl7 or later
T350D	T350D_200.12.10.5.234.bl7 or later
T350C	T350C_200.12.10.5.234.bl7 or later
H350	H350_200.12.10.5.234.bl7 or later
T350SE	T350SE_200.12.10.5.234.bl7 or later
<b>200.11 Unleashed Network</b>	
R710	R710_200.11.10.5.195.bl7 or later
T610	T610_200.11.10.5.195.bl7 or later
T610S	T610s_200.11.10.5.195.bl7 or later
R610	R610_200.11.10.5.195.bl7 or later
T710	T710_200.11.10.5.195.bl7 or later
T710S	T710s_200.11.10.5.195.bl7 or later
R720	R720_200.11.10.5.195.bl7 or later
R510	R510_200.11.10.5.195.bl7 or later
H510	H510_200.11.10.5.195.bl7 or later
H320	H320_200.11.10.5.195.bl7 or later
T310D	T310d_200.11.10.5.195.bl7 or later
T310N	T310n_200.11.10.5.195.bl7 or later
T310C	T310c_200.11.10.5.195.bl7 or later
T310S	T310s_200.11.10.5.195.bl7 or later
E510	E510_200.11.10.5.195.bl7 or later
C110	C110_200.11.10.5.195.bl7 or later
R320	R320_200.11.10.5.195.bl7 or later
M510	M510_200.11.10.5.195.bl7 or later
R750	R750_200.11.10.5.195.bl7 or later
R550	R550_200.11.10.5.195.bl7 or later
R650	R650_200.11.10.5.195.bl7 or later
T750	T750_200.11.10.5.195.bl7 or later
T750-SE	T750-se_200.11.10.5.195.bl7 or later
<b>200.10 Unleashed GA-2</b>	

**Hardware and Software Support**  
Platforms Supported

Unleashed AP Model	Software Version Supported
R710	R710_200.10.10.5.253.bl7
T610	T610_200.10.10.5.253.bl7
T610S	T610s_200.10.10.5.253.bl7
R610	R610_200.10.10.5.253.bl7
T710	T710_200.10.10.5.253.bl7
T710S	T710s_200.10.10.5.253.bl7
R720	R720_200.10.10.5.253.bl7
R510	R510_200.10.10.5.253.bl7
H510	H510_200.10.10.5.253.bl7
H320	H320_200.10.10.5.253.bl7
T310D	T310d_200.10.10.5.253.bl7
T310N	T310n_200.10.10.5.253.bl7
T310C	T310c_200.10.10.5.253.bl7
T310S	T310s_200.10.10.5.253.bl7
E510	E510_200.10.10.5.253.bl7
C110	C110_200.10.10.5.253.bl7
R320	R320_200.10.10.5.253.bl7
M510	M510_200.10.10.5.253.bl7
R750	R750_200.10.10.5.253.bl7
R550	R550_200.10.10.5.253.bl7
R650	R650_200.10.10.5.253.bl7
T750	T750_200.10.10.5.253.bl7
T750-SE	T750-se_200.10.10.5.253.bl7
<b>200.10 Unleashed GA</b>	
R710	R710_200.10.10.5.246.bl7
T610	T610_200.10.10.5.246.bl7
T610S	T610s_200.10.10.5.246.bl7
R610	R610_200.10.10.5.246.bl7
T710	T710_200.10.10.5.246.bl7
T710S	T710s_200.10.10.5.246.bl7
R720	R720_200.10.10.5.246.bl7
R510	R510_200.10.10.5.246.bl7
H510	H510_200.10.10.5.246.bl7
H320	H320_200.10.10.5.246.bl7
T310D	T310d_200.10.10.5.246.bl7
T310N	T310n_200.10.10.5.246.bl7
T310C	T310c_200.10.10.5.246.bl7
T310S	T310s_200.10.10.5.246.bl7
E510	E510_200.10.10.5.246.bl7
C110	C110_200.10.10.5.246.bl7
R320	R320_200.10.10.5.246.bl7
M510	M510_200.10.10.5.246.bl7

Unleashed AP Model	Software Version Supported
R750	R750_200.10.10.5.246.bl7
R550	R550_200.10.10.5.246.bl7
R650	R650_200.10.10.5.246.bl7
T750	T750_200.10.10.5.246.bl7
T750-SE	T750-se_200.10.10.5.246.bl7
<b>200.10 Unleashed Networks</b>	
R710	R710_200.10.10.5.229.bl7
T610	T610_200.10.10.5.229.bl7
T610S	T610s_200.10.10.5.229.bl7
R610	R610_200.10.10.5.229.bl7
T710	T710_200.10.10.5.229.bl7
T710S	T710s_200.10.10.5.229.bl7
R720	R720_200.10.10.5.229.bl7
R510	R510_200.10.10.5.229.bl7
H510	H510_200.10.10.5.229.bl7
H320	H320_200.10.10.5.229.bl7
T310D	T310d_200.10.10.5.229.bl7
T310N	T310n_200.10.10.5.229.bl7
T310C	T310c_200.10.10.5.229.bl7
T310S	T310s_200.10.10.5.229.bl7
E510	E510_200.10.10.5.229.bl7
C110	C110_200.10.10.5.229.bl7
R320	R320_200.10.10.5.229.bl7
M510	M510_200.10.10.5.229.bl7
R750	R750_200.10.10.5.229.bl7
R550	R550_200.10.10.5.229.bl7
R650	R650_200.10.10.5.229.bl7
T750	T750_200.10.10.5.229.bl7
T750-SE	T750-se_200.10.10.5.229.bl7
<b>200.9 Unleashed Networks</b>	
R710	R710_200.9.10.4.243.bl7
T610	T610_200.9.10.4.243.bl7
T610S	T610s_200.9.10.4.243.bl7
R610	R610_200.9.10.4.243.bl7
T710	T710_200.9.10.4.243.bl7
T710S	T710s_200.9.10.4.243.bl7
R720	R720_200.9.10.4.243.bl7
R510	R510_200.9.10.4.243.bl7
H510	H510_200.9.10.4.243.bl7
H320	H320_200.9.10.4.243.bl7
T310D	T310d_200.9.10.4.243.bl7
T310N	T310n_200.9.10.4.243.bl7

**Hardware and Software Support**  
Platforms Supported

Unleashed AP Model	Software Version Supported
T310C	T310c_200.9.10.4.243.bl7
T310S	T310s_200.9.10.4.243.bl7
E510	E510_200.9.10.4.243.bl7
C110	C110_200.9.10.4.243.bl7
R320	R320_200.9.10.4.243.bl7
M510	M510_200.9.10.4.243.bl7
R750	R750_200.9.10.4.243.bl7
R550	R550_200.9.10.4.243.bl7
R650	R650_200.9.10.4.243.bl7
T750	T750_200.9.10.4.243.bl7
T750-SE	T750-se_200.9.10.4.243.bl7
<b>200.8 MR Unleashed Networks</b>	
R710	R710_200.8.10.3.290.bl7
T710	T710_200.8.10.3.290.bl7
T710S	T710s_200.8.10.3.290.bl7
R510	R510_200.8.10.3.290.bl7
H510	H510_200.8.10.3.290.bl7
H320	H320_200.8.10.3.290.bl7
R610	R610_200.8.10.3.290.bl7
T610	T610_200.8.10.3.290.bl7
T610S	T610s_200.8.10.3.290.bl7
R720	R720_200.8.10.3.290.bl7
C110	C110_200.8.10.3.290.bl7
E510	E510_200.8.10.3.290.bl7
T310N	T310n_200.8.10.3.290.bl7
T310S	T310s_200.8.10.3.290.bl7
T310C	T310c_200.8.10.3.290.bl7
T310D	T310d_200.8.10.3.290.bl7
R320	R320_200.8.10.3.290.bl7
M510	M510_200.8.10.3.290.bl7
R750	R750_200.8.10.3.290.bl7
<b>200.8 Unleashed Networks</b>	
R710	R710_200.8.10.3.243.bl7
T710	T710_200.8.10.3.243.bl7
T710S	T710s_200.8.10.3.243.bl7
R510	R510_200.8.10.3.243.bl7
H510	H510_200.8.10.3.243.bl7
H320	H320_200.8.10.3.243.bl7
R610	R610_200.8.10.3.243.bl7
T610	T610_200.8.10.3.243.bl7
T610S	T610s_200.8.10.3.243.bl7
R720	R720_200.8.10.3.243.bl7

Unleashed AP Model	Software Version Supported
C110	C110_200.8.10.3.243.bl7
E510	E510_200.8.10.3.243.bl7
T310N	T310n_200.8.10.3.243.bl7
T310S	T310s_200.8.10.3.243.bl7
T310C	T310c_200.8.10.3.243.bl7
T310D	T310d_200.8.10.3.243.bl7
R320	R320_200.8.10.3.243.bl7
M510	M510_200.8.10.3.243.bl7
R750	R750_200.8.10.3.243.bl7
<b>200.7 MR Unleashed Networks</b>	
R500	R500_200.7.10.202.127.bl7
R600	R600_200.7.10.202.127.bl7
R310	R310_200.7.10.202.127.bl7
T300	T300_200.7.10.202.127.bl7
T300-E	T300e_200.7.10.202.127.bl7
T301-N	T301n_200.7.10.202.127.bl7
T301S	T301s_200.7.10.202.127.bl7
R710	R710_200.7.10.202.127.bl7
T610	T610_200.7.10.202.127.bl7
T610-S	T610S_200.7.10.202.127.bl7
R610	R610_200.7.10.202.127.bl7
T710	T710_200.7.10.202.127.bl7
T710-S	T710s_200.7.10.202.127.bl7
R720	R720_200.7.10.202.127.bl7
R510	R510_200.7.10.202.127.bl7
H510	H510_200.7.10.202.127.bl7
H320	H320_200.7.10.202.127.bl7
T310-D	T310d_200.7.10.202.127.bl7
T310-N	T310n_200.7.10.202.127.bl7
T310-C	T310c_200.7.10.202.127.bl7
T310-S	T310s_200.7.10.202.127.bl7
E510	E510_200.7.10.202.127.bl7
C110	C110_200.7.10.202.127.bl7
R320	R320_200.7.10.202.127.bl7
M510	M510_200.7.10.202.127.bl7
<b>200.7 Unleashed Networks</b>	
R500	R500_200.7.10.2.339.bl7
R600	R600_200.7.10.2.339.bl7
R310	R310_200.7.10.2.339.bl7
T300	T300_200.7.10.2.339.bl7
T300-E	T300e_200.7.10.2.339.bl7
T301-N	T301n_200.7.10.2.339.bl7

## Hardware and Software Support

### Platforms Supported

Unleashed AP Model	Software Version Supported
T301S	T301s_200.7.10.2.339.bl7
R710	R710_200.7.10.2.339.bl7
T610	T610_200.7.10.2.339.bl7
T610-S	T610S_200.7.10.2.339.bl7
R610	R610_200.7.10.2.339.bl7
T710	T710_200.7.10.2.339.bl7
T710-S	T710s_200.7.10.2.339.bl7
R720	R720_200.7.10.2.339.bl7
R510	R510_200.7.10.2.339.bl7
H510	H510_200.7.10.2.339.bl7
H320	H320_200.7.10.2.339.bl7
T310-D	T310d_200.7.10.2.339.bl7
T310-N	T310n_200.7.10.2.339.bl7
T310-C	T310c_200.7.10.2.339.bl7
T310-S	T310s_200.7.10.2.339.bl7
E510	E510_200.7.10.2.339.bl7
C110	C110_200.7.10.2.339.bl7
R320	R320_200.7.10.2.339.bl7
M510	M510_200.7.10.2.339.bl7

This release supports the following ICX switches:

#### NOTE

ICX switches use ports 443 and 22 to register to the Unleashed Multi-Site Manager server by default.

ICX Switches	Software Version Supported
ICX 7150, ICX 7250, ICX 7450 , ICX 7650 , ICX 7750, ICX 7850	FastIron 08.0.90, 08.0.91, 08.0.92, and 08.0.95

This release supports the following wireless bridge AP model:

AP Model	Software Version Supported
P300	P300_100.1.0.9.105.bl7

#### NOTE

This release of Unleashed Multi-Site Manager does not support standalone APs (except the wireless bridge P300). Unleashed Multi-Site Manager can only monitor P300.

## Lite Mode

This release supports the following platforms:

ZoneDirector Model	Software Version Supported
<b>10.5.1 ZoneDirector</b>	
ZD1200	zd1200_10.5.1.0.124.ap_10.5.1.0.124.img

ZoneDirector Model	Software Version Supported
<b>10.5 ZoneDirector</b>	
ZD1200	zd1200_10.5.0.0.150.ap_10.5.0.0.150.img
<b>10.4 MR ZoneDirector</b>	
ZD1200	zd1200_10.4.1.0. 214.ap_10.4.1.0. 214.img
<b>10.4 ZoneDirector</b>	
ZD1200	zd1200_10.4.0.0. 69.ap_10.4.0.0. 69.img
<b>10.3 ZoneDirector</b>	
ZD1200	zd1200_10.3.0.0.362.ap_10.3.0.0.362.img

This release supports the following AP models.

Unleashed AP Model	Software Version Supported
<b>200.15 Unleashed Network</b>	
R710	R710_200.15.6.12.304.bl7 or later
T610	T610_200.15.6.12.304.bl7 or later
T610S	T610s_200.15.6.12.304.bl7 or later
R610	R610_200.15.6.12.304.bl7 or later
T710	T710_200.15.6.12.304.bl7 or later
T710S	T710s_200.15.6.12.304.bl7 or later
R720	R720_200.15.6.12.304.bl7 or later
R510	R510_200.15.6.12.304.bl7 or later
H510	H510_200.15.6.12.304.bl7 or later
H320	H320_200.15.6.12.304.bl7 or later
T310D	T310d_200.15.6.12.304.bl7 or later
T310N	T310n_200.15.6.12.304.bl7 or later
T310C	T310c_200.15.6.12.304.bl7 or later
T310S	T310s_200.15.6.12.304.bl7 or later
E510	E510_200.15.6.12.304.bl7 or later
C110	C110_200.15.6.12.304.bl7 or later
R320	R320_200.15.6.12.304.bl7 or later
M510	M510_200.15.6.12.304.bl7 or later
R750	R750_200.15.6.12.304.bl7 or later
R550	R550_200.15.6.12.304.bl7 or later
R650	R650_200.15.6.12.304.bl7 or later
T750	T750_200.15.6.12.304.bl7 or later
T750-SE	T750-se_200.15.6.12.304.bl7 or later
H550	H550_200.15.6.12.304.bl7 or later
R350	R350_200.15.6.12.304.bl7 or later
T350D	T350D_200.15.6.12.304.bl7 or later
T350C	T350C_200.15.6.12.304.bl7 or later
H350	H350_200.15.6.12.304.bl7 or later
T350SE	T350SE_200.15.6.12.304.bl7 or later

**Hardware and Software Support**  
**Platforms Supported**

Unleashed AP Model	Software Version Supported
<b>200.14 Unleashed Network</b>	
R710	R710_200.14.6.1.179.bl7 or later
T610	T610_200.14.6.1.179.bl7 or later
T610S	T610s_200.14.6.1.179.bl7 or later
R610	R610_200.14.6.1.179.bl7 or later
T710	T710_200.14.6.1.179.bl7 or later
T710S	T710s_200.14.6.1.179.bl7 or later
R720	R720_200.14.6.1.179.bl7 or later
R510	R510_200.14.6.1.179.bl7 or later
H510	H510_200.14.6.1.179.bl7 or later
H320	H320_200.14.6.1.179.bl7 or later
T310D	T310d_200.14.6.1.179.bl7 or later
T310N	T310n_200.14.6.1.179.bl7 or later
T310C	T310c_200.14.6.1.179.bl7 or later
T310S	T310s_200.14.6.1.179.bl7 or later
E510	E510_200.14.6.1.179.bl7 or later
C110	C110_200.14.6.1.179.bl7 or later
R320	R320_200.14.6.1.179.bl7 or later
M510	M510_200.14.6.1.179.bl7 or later
R750	R750_200.14.6.1.179.bl7 or later
R550	R550_200.14.6.1.179.bl7 or later
R650	R650_200.14.6.1.179.bl7 or later
T750	T750_200.14.6.1.179.bl7 or later
T750-SE	T750-se_200.14.6.1.179.bl7 or later
H550	H550_200.14.6.1.179.bl7 or later
R350	R350_200.14.6.1.179.bl7 or later
T350D	T350D_200.14.6.1.179.bl7 or later
T350C	T350C_200.14.6.1.179.bl7 or later
H350	H350_200.14.6.1.179.bl7 or later
T350SE	T350SE_200.14.6.1.179.bl7 or later
<b>200.13 Unleashed Network</b>	
R710	R710_200.13.6.1.319..bl7 or later
T610	T610_200.13.6.1.319.bl7 or later
T610S	T610s_200.13.6.1.319.bl7 or later
R610	R610_200.13.6.1.319.bl7 or later
T710	T710_200.13.6.1.319.bl7 or later
T710S	T710s_200.13.6.1.319.bl7 or later
R720	R720_200.13.6.1.319.bl7 or later
R510	R510_200.13.6.1.319.bl7 or later
H510	H510_200.13.6.1.319.bl7 or later
H320	H320_200.13.6.1.319.bl7 or later
T310D	T310d_200.13.6.1.319.bl7 or later



Unleashed AP Model	Software Version Supported
T310N	T310n_200.13.6.1.319.bl7 or later
T310C	T310c_200.13.6.1.319.bl7 or later
T310S	T310s_200.13.6.1.319.bl7 or later
E510	E510_200.13.6.1.319.bl7 or later
C110	C110_200.13.6.1.319.bl7 or later
R320	R320_200.13.6.1.319.bl7 or later
M510	M510_200.13.6.1.319.bl7 or later
R750	R750_200.13.6.1.319.bl7 or later
R550	R550_200.13.6.1.319.bl7 or later
R650	R650_200.13.6.1.319.bl7 or later
T750	T750_200.13.6.1.319.bl7 or later
T750-SE	T750-se_200.13.6.1.319.bl7 or later
H550	H550_200.13.6.1.319.bl7 or later
R350	R350_200.13.6.1.319.bl7 or later
T350D	T350D_200.13.6.1.319.bl7 or later
T350C	T350C_200.13.6.1.319.bl7 or later
H350	H350_200.13.6.1.319.bl7 or later
T350SE	T350SE_200.13.6.1.319.bl7 or later
<b>200.12 MR Unleashed Network</b>	
R710	R710_200.12.10.105.100.bl7 or later
T610	T610_200.12.10.105.100.bl7 or later
T610S	T610s_200.12.10.105.100.bl7 or later
R610	R610_200.12.10.105.100.bl7 or later
T710	T710_200.12.10.105.100.bl7 or later
T710S	T710s_200.12.10.105.100.bl7 or later
R720	R720_200.12.10.105.100.bl7 or later
R510	R510_200.12.10.105.100.bl7 or later
H510	H510_200.12.10.105.100.bl7 or later
H320	H320_200.12.10.105.100.bl7 or later
T310D	T310d_200.12.10.105.100.bl7 or later
T310N	T310n_200.12.10.105.100.bl7 or later
T310C	T310c_200.12.10.105.100.bl7 or later
T310S	T310s_200.12.10.105.100.bl7 or later
E510	E510_200.12.10.105.100.bl7 or later
C110	C110_200.12.10.105.100.bl7 or later
R320	R320_200.12.10.105.100.bl7 or later
M510	M510_200.12.10.105.100.bl7 or later
R750	R750_200.12.10.105.100.bl7 or later
R550	R550_200.12.10.105.100.bl7 or later
R650	R650_200.12.10.105.100.bl7 or later
T750	T750_200.12.10.105.100.bl7 or later
T750-SE	T750-se_200.12.10.105.100.bl7 or later

**Hardware and Software Support**  
Platforms Supported

Unleashed AP Model	Software Version Supported
H550	H550_200.12.10.105.100.bl7 or later
R350	R350_200.12.10.105.100.bl7 or later
T350D	T350D_200.12.10.105.100.bl7 or later
T350C	T350C_200.12.10.105.100.bl7 or later
H350	H350_200.12.10.105.100.bl7 or later
T350SE	T350SE_200.12.10.105.100.bl7 or later
<b>200.12 Unleashed Network</b>	
R710	R710_200.12.10.5.234.bl7 or later
T610	T610_200.12.10.5.234.bl7 or later
T610S	T610s_200.12.10.5.234.bl7 or later
R610	R610_200.12.10.5.234.bl7 or later
T710	T710_200.12.10.5.234.bl7 or later
T710S	T710s_200.12.10.5.234.bl7 or later
R720	R720_200.12.10.5.234.bl7 or later
R510	R510_200.12.10.5.234.bl7 or later
H510	H510_200.12.10.5.234.bl7 or later
H320	H320_200.12.10.5.234.bl7 or later
T310D	T310d_200.12.10.5.234.bl7 or later
T310N	T310n_200.12.10.5.234.bl7 or later
T310C	T310c_200.12.10.5.234.bl7 or later
T310S	T310s_200.12.10.5.234.bl7 or later
E510	E510_200.12.10.5.234.bl7 or later
C110	C110_200.12.10.5.234.bl7 or later
R320	R320_200.12.10.5.234.bl7 or later
M510	M510_200.12.10.5.234.bl7 or later
R750	R750_200.12.10.5.234.bl7 or later
R550	R550_200.12.10.5.234.bl7 or later
R650	R650_200.12.10.5.234.bl7 or later
T750	T750_200.12.10.5.234.bl7 or later
T750-SE	T750-se_200.12.10.5.234.bl7 or later
H550	H550_200.12.10.5.234.bl7 or later
R350	R350_200.12.10.5.234.bl7 or later
T350D	T350D_200.12.10.5.234.bl7 or later
T350C	T350C_200.12.10.5.234.bl7 or later
H350	H350_200.12.10.5.234.bl7 or later
T350SE	T350SE_200.12.10.5.234.bl7 or later
<b>200.11 Unleashed Network</b>	
R710	R710_200.11.10.5.195.bl7 or later
T610	T610_200.11.10.5.195.bl7 or later
T610S	T610s_200.11.10.5.195.bl7 or later
R610	R610_200.11.10.5.195.bl7 or later
T710	T710_200.11.10.5.195.bl7 or later

Unleashed AP Model	Software Version Supported
T710S	T710s_200.11.10.5.195.bl7 or later
R720	R720_200.11.10.5.195.bl7 or later
R510	R510_200.11.10.5.195.bl7 or later
H510	H510_200.11.10.5.195.bl7 or later
H320	H320_200.11.10.5.195.bl7 or later
T310D	T310d_200.11.10.5.195.bl7 or later
T310N	T310n_200.11.10.5.195.bl7 or later
T310C	T310c_200.11.10.5.195.bl7 or later
T310S	T310s_200.11.10.5.195.bl7 or later
E510	E510_200.11.10.5.195.bl7 or later
C110	C110_200.11.10.5.195.bl7 or later
R320	R320_200.11.10.5.195.bl7 or later
M510	M510_200.11.10.5.195.bl7 or later
R750	R750_200.11.10.5.195.bl7 or later
R550	R550_200.11.10.5.195.bl7 or later
R650	R650_200.11.10.5.195.bl7 or later
T750	T750_200.11.10.5.195.bl7 or later
T750-SE	T750-se_200.11.10.5.195.bl7 or later
<b>200.10 Unleashed GA-2</b>	
R710	R710_200.10.10.5.253.bl7
T610	T610_200.10.10.5.253.bl7
T610S	T610s_200.10.10.5.253.bl7
R610	R610_200.10.10.5.253.bl7
T710	T710_200.10.10.5.253.bl7
T710S	T710s_200.10.10.5.253.bl7
R720	R720_200.10.10.5.253.bl7
R510	R510_200.10.10.5.253.bl7
H510	H510_200.10.10.5.253.bl7
H320	H320_200.10.10.5.253.bl7
T310D	T310d_200.10.10.5.253.bl7
T310N	T310n_200.10.10.5.253.bl7
T310C	T310c_200.10.10.5.253.bl7
T310S	T310s_200.10.10.5.253.bl7
E510	E510_200.10.10.5.253.bl7
C110	C110_200.10.10.5.253.bl7
R320	R320_200.10.10.5.253.bl7
M510	M510_200.10.10.5.253.bl7
R750	R750_200.10.10.5.253.bl7
R550	R550_200.10.10.5.253.bl7
R650	R650_200.10.10.5.253.bl7
T750	T750_200.10.10.5.253.bl7
T750-SE	T750-se_200.10.10.5.253.bl7

**Hardware and Software Support**  
**Platforms Supported**

Unleashed AP Model	Software Version Supported
<b>200.10 Unleashed GA</b>	
R710	R710_200.10.10.5.246.bl7
T610	T610_200.10.10.5.246.bl7
T610S	T610s_200.10.10.5.246.bl7
R610	R610_200.10.10.5.246.bl7
T710	T710_200.10.10.5.246.bl7
T710S	T710s_200.10.10.5.246.bl7
R720	R720_200.10.10.5.246.bl7
R510	R510_200.10.10.5.246.bl7
H510	H510_200.10.10.5.246.bl7
H320	H320_200.10.10.5.246.bl7
T310D	T310d_200.10.10.5.246.bl7
T310N	T310n_200.10.10.5.246.bl7
T310C	T310c_200.10.10.5.246.bl7
T310S	T310s_200.10.10.5.246.bl7
E510	E510_200.10.10.5.246.bl7
C110	C110_200.10.10.5.246.bl7
R320	R320_200.10.10.5.246.bl7
M510	M510_200.10.10.5.246.bl7
R750	R750_200.10.10.5.246.bl7
R550	R550_200.10.10.5.246.bl7
R650	R650_200.10.10.5.246.bl7
T750	T750_200.10.10.5.246.bl7
T750-SE	T750-se_200.10.10.5.246.bl7
<b>200.10 Unleashed Network</b>	
R710	R710_200.10.10.5.229.bl7
T610	T610_200.10.10.5.229.bl7
T610S	T610s_200.10.10.5.229.bl7
R610	R610_200.10.10.5.229.bl7
T710	T710_200.10.10.5.229.bl7
T710S	T710s_200.10.10.5.229.bl7
R720	R720_200.10.10.5.229.bl7
R510	R510_200.10.10.5.229.bl7
H510	H510_200.10.10.5.229.bl7
H320	H320_200.10.10.5.229.bl7
T310D	T310d_200.10.10.5.229.bl7
T310N	T310n_200.10.10.5.229.bl7
T310C	T310c_200.10.10.5.229.bl7
T310S	T310s_200.10.10.5.229.bl7
E510	E510_200.10.10.5.229.bl7
C110	C110_200.10.10.5.229.bl7
R320	R320_200.10.10.5.229.bl7

Unleashed AP Model	Software Version Supported
M510	M510_200.10.10.5.229.bl7
R750	R750_200.10.10.5.229.bl7
R550	R550_200.10.10.5.229.bl7
R650	R650_200.10.10.5.229.bl7
T750	T750_200.10.10.5.229.bl7
T750-SE	T750-se_200.10.10.5.229.bl7
<b>200.9 Unleashed Network</b>	
R710	R710_200.9.10.4.243.bl7
T610	T610_200.9.10.4.243.bl7
T610S	T610s_200.9.10.4.243.bl7
R610	R610_200.9.10.4.243.bl7
T710	T710_200.9.10.4.243.bl7
T710S	T710s_200.9.10.4.243.bl7
R720	R720_200.9.10.4.243.bl7
R510	R510_200.9.10.4.243.bl7
H510	H510_200.9.10.4.243.bl7
H320	H320_200.9.10.4.243.bl7
T310D	T310d_200.9.10.4.243.bl7
T310N	T310n_200.9.10.4.243.bl7
T310C	T310c_200.9.10.4.243.bl7
T310S	T310s_200.9.10.4.243.bl7
E510	E510_200.9.10.4.243.bl7
C110	C110_200.9.10.4.243.bl7
R320	R320_200.9.10.4.243.bl7
M510	M510_200.9.10.4.243.bl7
R750	R750_200.9.10.4.243.bl7
R550	R550_200.9.10.4.243.bl7
R650	R650_200.9.10.4.243.bl7
T750	T750_200.9.10.4.243.bl7
T750-SE	T750-se_200.9.10.4.243.bl7

## Software Installation

### Hardware Requirements and Specifications

The amount of memory and CPU power required on the Unleashed Multi-Site Manager server depends on the number of Controller devices and APs that software is to manage, and Purge Policy on the system setting.

Refer to the following table as the examples of the minimum recommended RAM and CPU for the hosting computer.

## Software Installation

### Software Requirements and Specifications

**TABLE 1** Recommended hardware specifications

UMM Mode	Managed Devices	RAM	CPU	Hard Disk Space	Purge Policy
Standard	Up to 150 Unleashed network (total 1500 APs and 300 ICX switches)	16 GB	4 cores (e.g. Intel Core i5-3550 CPU @ 3.30GHz)	300 GB, RAID 0 (4 SATA 6GBPS SSD)	7 days
	Up to 100 Unleashed network (total 1000 APs and 200 ICX switches)				90 days
	Up to 3500 Unleashed network (total 15000 APs and 6000 ICX switches)	64 GB	32 cores (e.g. Intel (R) Xeon (R) Gold 5220 CPU @ 2.20GHz)	1 TB	7 days
	Up to 1000 Unleashed network (total 10000 APs and 2000 ICX switches)				90 days
Lite	Up to 10000 Unleashed networks (total 10000 APs and 10000 ICX switches)	16 GB	8 cores (e.g. Intel (R) Xeon (R) Gold 5220 CPU @ 2.20GHz)	100GB, Raid0 (4 SATA 6.0 GBPS SSD)	NA
	Up to 10000 Unleashed networks (total 20000 APs)				
	Up to 10000 Unleashed networks (total 40000 APs and 10000 ICX switches)	32 GB			
	Up to 1000 ZoneDirector (total 50000 APs)				
	Up to 1000 ZoneDirector (total 10000 APs) and 10000 Unleashed Networks (total 40000 APs)		16 cores (e.g. Intel (R) Xeon (R) Gold 5220 CPU @ 2.20GHz)		

## Software Requirements and Specifications

You must ensure that the following software requirements are met before installing or upgrading Unleashed Multi-Site Manager to the latest release.

- Officially Supported Linux operation systems:
  - CentOS release 6.5 (64 bit)
  - CentOS release 7.2 (64 bit)
  - Red Hat Enterprise Linux Server release 6.5 (64 bit)
  - Red Hat Enterprise Linux Server release 7.2 (64 bit)
- RUCKUS recommends that you use the 'Web Server' option during RedHat Enterprise or CentOS installation.
- Before installing this version of Unleashed Multi-Site Manager, you must upgrade Openssl and its library to the right Linux version as specified:
  - RedHat or CentOS 6.x: Openssl 1.0.1 or later
  - RedHat or CentOS 7.x: Openssl 1.0.2 or later

For example, you can issue this command to upgrade Openssl version with Linux

```
yum upgrade openssl 1.0.2
```

- Ports Configuration:

The Unleashed Multi-Site Manager software may have port conflicts with the hosting computer, especially if the hosting computer is used to serve other purposes. Modify the port numbers during installation, as necessary.

## License Information

You must be aware of how licenses are used.

- There are 3 kinds of Unleashed Multi-Site Manager licenses file: one for each - ZoneDirector, Unleashed and ICX switch.
- An ICX switch consume Unleashed Multi-Site Manager licenses according to its units.
- When trial license expire, Unleashed Multi-Site Manager checks the license number and sets the devices status to *License Exceeded*, and stops managing and monitoring the device.
- By default a new Unleashed Multi-Site Manager installation provides 1 Unleashed license. Again by default, it provides 100 ZoneDirector license and 1 Unleashed license when you upgrade the software from FlexMaster version to Unleashed Multi-Site Manager.
- Unleashed Multi-Site Manager consumes its license count for APs under ZoneDirector according to its ZoneDirector's AP capacity; and not the number of APs that have joined the ZoneDirector. For example, ZD3500 consumes 500 Unleashed Multi-Site Manager licenses even if it manages 100 APs. Standby ZoneDirector will not consume any AP license on Unleashed Multi-Site Manager.
- Unleashed Multi-Site Manager consumes its Unleashed AP license count according to the connected Unleashed AP number.
- Any AP license updates on Unleashed Multi-Site Manager can take a while (1~60 minutes) to be reflect.

## Firewall Ports that Must Be Open for Communication

The following table lists the ports that need to be open for different types of communications.

**TABLE 2** Firewall Ports That Must Be Open for Unleashed Multi-Site Manager Communications

Communication	Ports
<b>ZoneDirector and Unleashed (Device)</b>	
HTTPS port for Device registration	TCP destination port 443
HTTPS port for WebUI login	TCP destination port 8443
HTTP	TCP destination port 80
SSH	TCP destination port 22
SSH Tunnel (nginx)	TCP destination port 9443
End User Service (optional)	TCP destination port 10443

## Software Upgrade

### Upgrading Unleashed Multi-Site Manager

For better upgrade process control, the software application is delivered in tar format. There are new upgrade scripts and patch files in this tarball.

Follow these steps to upgrade the software:

**NOTE**

Unleashed Multi-Site Manager uses two HTTPS port. By default, port 443 is used for device registration and port 8443 is used for WebUI login. Open these two HTTPS ports before upgrading to Unleashed Multi-Site Manager release from a previous release.

1. Upload the patch file (e.g. 2.8.0.0.175\_180-patch.tar) to the Unleashed Multi-Site Manager server.

## Software Upgrade

### Upgrade Path

2. Copy the patch file (e.g. 2.8.0.0.175\_180-patch.tar) to the Unleashed Multi-Site Manager folder (for example, **/home/UMM**) using the following command:

```
[root@localhost home]# # cp umm-2.8.0.0.175_180-patch.tar /home/UMM
```

3. Extract the patch file using the following command:

```
[root@localhost UMM]# tar -xvf umm-2.8.0.0.175_180-patch.tar
```

4. Upgrade the software using the following command:

```
[root@localhost UMM]# ./upgrade_2.8.0.0.175-180.sh
```

#### **NOTE**

Before you upgrade, ensure that the \*.patch file (e.g. 2.8.0.0.175\_180-patch.tar) is extracted from the tar file.

## Upgrade Path

If you are running an older version of the software, you can upgrade it to the latest released versions and must also ensure that the devices managed by the software application are also upgraded.

The official upgrade path supported is from:

- from Unleashed Multi-Site Manager 2.8.0.0.175 to Unleashed Multi-Site Manager 2.8.0.0.180

The software and ZoneDirector controllers are updated in the following order:

1. Upgrade Unleashed Multi-Site Manager first, and then upgrade the ZoneDirector controllers or the Unleashed APs.
2. Upgrade Unleashed Multi-Site Manager and the managed devices one release at a time.

#### **NOTE**

RUCKUS recommends that you clean the Web browser's cache and cookie after upgrade for better performance.

#### **NOTE**

When there is an upgrade of Unleashed Multi-Site Manager from 2.1 release, the administrator needs to re-import the Certification as it is lost during the upgrade.





© 2024 CommScope, Inc. All rights reserved.  
350 West Java Dr., Sunnyvale, CA 94089 USA  
<https://www.commscope.com>