



Release Notes for RingMaster Version 7.1.2.2



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Trapeze Networks recommends that you familiarize yourself with these release notes and the *Trapeze Networks RingMaster Quick Start Guide*, the *Trapeze RingMaster* documentation suite before installation. For additional product information, refer to the following documents:

- ❑ *Trapeze Networks Mobility System Software Quick Start Guide*
- ❑ *Trapeze Mobility Exchange Hardware Installation Guide*
- ❑ *Trapeze Mobility Point Indoor MP Installation Guide*
- ❑ *Trapeze Mobility Point MP-620 Installation Guide*
- ❑ *Trapeze Regulatory Information*
- ❑ *Trapeze Mobility System Software User's Guide*
- ❑ *Trapeze Mobility System Software Command Reference*

Feedback and Support

Trapeze Networks encourages you to provide feedback about your experiences installing and using the product to the Trapeze Networks Technical Assistance Center (TAC). You can contact the TAC by telephone, email, or fax. If you have a service contract or are a Trapeze Authorized Partner, log in to Trapeze SafetyNet Online at www.trapezenetworks.com/support for additional help.

- ❑ Within the US and Canada, call 1-866-TRPZTAC (1-866-877-9822).
- ❑ From locations outside the US and Canada, call +1 925-474-2400.
- ❑ In non-emergencies, send email to support@trapezenetworks.com.
- ❑ When your case is active, you can fax more information to +1 925-474-2423.

What's New in RingMaster Version 7.1

RingMaster 7.1 has the following enhancements:

- ❑ Access Control and Grouping
- ❑ RingMaster Audit Trail
- ❑ New Enhanced Reports including PCI Compliance Report
- ❑ RingMaster 7.1 Scaling (APs and Sessions)

Other MSS Features

- ❑ Network Resiliency Phase 2
- ❑ SIP Awareness/Voice Monitoring
- ❑ LDAP Support
- ❑ FIPS Support (MX-2800F and MP-432F)
- ❑ AP to AP Tunneling
- ❑ New AP Support (MP-622, MP-82)

Version Compatibility

- ❑ This version of RingMaster has been verified against MSS Version 7.1.
- ❑ Network plans created with RingMaster 6.0, 6.1, 6.2, and 6.3 are compatible with this version of RingMaster. If you want to use network plans created with previous versions of RingMaster, make sure the option to delete the network plans directory is *not* checked when you uninstall.
- ❑ If you are installing for the first time, you will need to install and activate licenses before using RingMaster. If you are upgrading from a previous licensed version, you do not need to reinstall your licenses.
- ❑ If you are upgrading from a version earlier than 6.0, Trapeze Networks recommends that you upgrade to 6.0 first, then upgrade from 6.0 to 7.0 then to 7.1.

Supported Platforms

- ❑ Microsoft Windows Server 2003 and 2008, Microsoft Windows XP with Service Pack 1 or higher, Microsoft Windows 2000 with Service Pack 4, or Microsoft Vista Enterprise.
- ❑ SUSE Linux 10.2 and Red Hat WS ES5
- ❑ Apple MacOS Version 10.4.x. with Java 1.5.

Upgrading from RingMaster Version 7.0

You can install the new version of RingMaster on top of the previously installed one. You do not need to uninstall the previous version.



When upgrading from RingMaster version 7.0 MR3 (7.0.6.7.0) to RingMaster version 7.1 beta 1 (7.1.0.3.0), please upgrade to 7.0 MR5 (7.0.8.3.0) before upgrading to RingMaster 7.1 beta. The upgrade path is 7.0 MR3 --> 7.0 MR5--> 7.1.

Downgrading to a Previous RingMaster Version

If you need to downgrade from a RingMaster 7.1.x version to a previous 7.0.x version, use the following procedure:

1. Back up the network plans, by copying the config-db directory to a location not in the RingMaster installation path.
2. Uninstall the current RingMaster installation. Select to delete all but the license and the network plans.
3. Install the earlier Ringmaster software version.

4. After installation, copy the folders in the backed up config-db directory to the one that is created by the installation in step 3.
5. After installation, copy the folders in the backed up services-db directory to the one that is created by the installation in step 3.

When you start the downgrade version of RingMaster, it opens the Default network plan.

If you need to downgrade the MX switches managed by RingMaster, you can do so before or after the RingMaster downgrade.



Trapeze Networks recommends that you do not downgrade to previous RingMaster versions. Database files saved in RingMaster Version 7.0 or higher cannot be used in earlier RingMaster Versions. In addition, MSS features that are new in MSS Version 7.1 are not supported in previous versions of RingMaster.

JRE 1.6 and RingMaster Java Web Start Client

If you are using Java Runtime Environment (JRE) 1.6.0_12 when trying to remotely connect to a server with RingMaster software may experience issues with Java WebStart client failing to start due to the following Java bug:

http://bugs.sun.com/bugdatabase/view_bug.do?bug_id=6522222.

http://bugs.sun.com/bugdatabase/view_bug.do?bug_id=6808031

This issue potentially affects remote clients on all operating system with JRE 1.6.0_12 or higher. When starting the Java WebStart client from the desktop icon, an error message is displayed: "Unable to start application" and a set of Java exceptions are thrown.

Customers that encounter this issue must downgrade the Java environment by uninstalling the JRE 1.6.0_12 and creating a fresh install of JRE 1.6.0_11.

If you do not want to downgrade your JRE installation, you can click on the RM Client icon on the RingMaster server page to launch the client.

Known Issues

- ❑ Enabling AAA access to an MX using RingMaster and downgrading to 7.0 or earlier causes the authentication process to fail, and RingMaster can no longer access the MX.
Description— After upgrading to RingMaster 7.1 and enabling AAA for access to an MX, if you downgrade to MSS 7.0 or earlier on the MX, the MX reverts to the enable password and RingMaster cannot access the MX using AAA.
Workaround—Disable the AAA feature in RingMaster before downgrading to an earlier software version.
- ❑ Enabling fault notification e-mail consolidation may cause e-mail notification to fail on RingMaster. (61343)
Workaround — This feature is disabled until further notice.
- ❑ MP licensing is not updating based on the number of MPs in the network. (61050)
Description — If the serial number of an MP is changed, the change is not reflected in RingMaster and the serial number is deprecated from the license.
Workaround — Restart the RingMaster server to reset the licensing.

- Because of a limitation in Windows XP that allows no more than 10 half-open connections, running RingMaster services on Windows XP is not recommended if your network plan contains more than 10 devices. If 10 devices in your network plan were unreachable or not responding, Windows XP would exceed its half-open connection limit, and connection attempts to reachable devices might time out as a result.

Workaround— If your network plan contains more than 10 devices, and you want to run RingMaster services on a Windows system, use a server OS, such as Windows 2000 or Windows 2003, instead of Windows XP.

- Linux: The default browser is Firefox, which is not included with SuSE. (30491)

Description — On SuSE, the default browser executable is Firefox. However, the Firefox browser is not included with the SuSE distribution; only the Konqueror browser is included. The Konqueror browser is not supported by RingMaster.

Workaround— Install a different browser for accessing RingMaster online help. Preferred browsers for Linux are Firefox, Opera, Mozilla, and Netscape.

- Daylight Savings Time or timezone changes are not automatically detected in RingMaster. (18422)

Description — If a Daylight Savings Time or timezone change occurs on the host machine where RingMaster is running, displayed timestamps are not automatically updated in RingMaster.

This issue is actually a Java Virtual Machine (JVM) issue. The JVM does not detect date or time changes made at the OS level. See the following Web page:

- bugs.sun.com/bugdatabase/view_bug.do?bug_id=4216582

Workaround— Exit and restart RingMaster to place a date or time change made on the host machine that is running RingMaster into effect.

Issues Resolved Since Version 7.1.0.3

- WebView did not prevent user from editing the VLAN port tag value. The tag value must match the VLAN number when tagging is enabled. (62651)
- RingMaster did not assign a default VLAN profile to MPs. (62367)
- Scheduled Rogue Summary reports did not report the correct information when compared to a manually generated report. (62246)
- The Enable Password field in Webview only allowed alphanumeric characters. Characters supported by MSS & RingMaster are acceptable. (62462, 62104)
- The SNMP trap port did not start properly until the RingMaster server restarted. (61888)
- Enabling a cluster configuration caused some MPs to disappear from the configuration. (61603)
- When auto-tune was configured on MPs in RingMaster, the monitoring feature did not update correctly. (61406)
- Not all MPs were displayed on the AP Status page. (61066)
- The RSSI feature displayed a map when no MPs were present on the network. (60766)
- Upgrading the RingMaster software corrupted the network plan and RingMaster failed on the server. (60681)
- When you clicked on the local database, RingMaster failed to respond. (60636)
- ACLs and QoS profiles were not recognized by the cluster configuration which caused verification errors in RingMaster. (60547)
- The failover AP Status panel did not update even if an alarm was received in RingMaster. (60098)
- MPs disappeared from the network plan after enabling or disabling the cluster feature on a Mobility Domain. (59933, 59784)

- ❑ Hourly data start time is different by controllers for the RingMaster Schedule Report feature. (55563)
- ❑ The 'Find Clients' page of the Monitoring section of RingMaster did not display the session-id or the hostname for an authenticated WLAN client. (54966)
- ❑ The MX Configuration Report was missing the AP, AP Radio, Radio Profiles, and Service Profiles information. (54673)
- ❑ RingMaster did not delete the first MX found by an orphaned AP if the user wanted a different MX for the AP. (54604)

Issues Resolved Since Version 7.0.8.3

- ❑ Antenna location did not update properly when changes were made to the MP configuration. (59623)
- ❑ Client Load Report did not generate accurate information about the network. (59518)
- ❑ The SSID list did not appear when using the MAC Network Access Wizard on a secondary seed MX. (59465)
- ❑ The RF Planning feature was missing the object, wiring closet, as part of the list of available objects to add to a plan. (59386)
- ❑ All configured ACLs did not appear in the secondary seed configuration when using RingMaster. (59112)
- ❑ Network changes did not synchronize properly in RingMaster. (59109)
- ❑ The Monitor status did not match the data in the Client Load per AP report. (58441)
- ❑ 802.11n clients did not display properly in the Operational Rate report. (57952)

Issues Resolved Since Version 7.0.7.3

- ❑ Accepting autotune changes caused the RingMaster client to become unresponsive. (59046)
- ❑ The Severity of "Server Performance Alarm" was incorrectly displayed as a single alarm. (58767)
- ❑ A VLAN name was randomly reset to an empty string for service profiles, MAC users, MAC user groups, named users, or named user groups. (58429)
- ❑ Webview sessions were not released or timed out if the logout option was not used to close the session. (57417)

Submitting Problem Reports

RingMaster can send problem reports to the Trapeze Networks TAC team directly when it encounters a problem. You can also send a problem report at any time by selecting **Help > Report Problem** in RingMaster.

If a problem occurs, the Internal Application Error dialog box appears.

To submit a problem report:

1. Do one of the following:



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- ❑ In the Internal Application Error dialog box, click **Report Problem**.
- ❑ Select **Help > Report Problem**.

The Report Problem to Trapeze Networks dialog box appears.

2. Fill out the information in the dialog box.

Provide your name, and enter as much detail as possible about the task you were performing when the problem occurred. You must provide the name of your company. The information goes to nms-support@trapezenetworks.com.

3. Click **Send Now**.

4. If network access for the email report is not available from the RingMaster host, click **Save** to store the problem report on the RingMaster host.

The problem report is saved as a directory with a name containing the timestamp of the problem report (for example, Thu-Aug-19-13-04-11-PDT-2004). This directory is located in C:\Documents and Settings\user_home_directory\.trapezenetworks\bugs, where user_home_directory is the home directory of the user that is running RingMaster at the time the problem report is generated.

To send the problem report to Trapeze Networks, create a zip archive of the problem report directory and send the archive as an attachment to nms-support@trapezenetworks.com.