

# PCoIP<sup>®</sup> Management Console Release Notes

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Issue 5



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## Revision History

Version	Date	Description
1	Apr 22, 2009	Initial Release (1.0.26)
2	Jun 19, 2009	Updated for release 1.0.28
3	Sep 11, 2009	Updated for release 1.1.20
4	Mar 08, 2010	Updated for release 1.2.20
5	Sep 17, 2010	Updated for release 1.3.30

# Table of Contents

<b>REVISION HISTORY .....</b>	<b>2</b>
<b>TABLE OF CONTENTS.....</b>	<b>3</b>
<b>DEFINITIONS .....</b>	<b>5</b>
<b>PREFACE .....</b>	<b>6</b>
<b>1 RELEASE 1.3.30 .....</b>	<b>7</b>
1.1 Compatibility.....	7
1.2 Feature Additions .....	7
1.3 Important Bug Fixes .....	7
1.4 Known Issues .....	8
<b>2 RELEASE 1.2.20 .....</b>	<b>9</b>
2.1 Compatibility.....	9
2.2 Feature Additions .....	9
2.3 Important Bug Fixes .....	10
2.4 Known Issues .....	10
<b>3 RELEASE 1.1.20 .....</b>	<b>11</b>
3.1 Compatibility.....	11
3.2 Feature Additions .....	11
3.3 Important Bug Fixes .....	11
3.4 Known Issues .....	12
<b>4 RELEASE 1.0.28 .....</b>	<b>13</b>
4.1 Compatibility.....	13
4.2 Feature Additions .....	13
4.3 Important Bug Fixes .....	13
4.4 Known Issues .....	13

<b>5</b>	<b>RELEASE 1.0.26 .....</b>	<b>15</b>
5.1	Compatibility.....	15
5.2	Known Issues.....	15

## Definitions

CMI	Connection Management Interface – interface provided by the Portal or Host, used to communicate with an external connection management server
CMS	Connection Management Server (a.k.a Connection Broker)
OS	Operating System
OSD	On Screen Display. The configuration GUI is available on the Portal.
PCoIP®	Personal Computer over Internet Protocol (PC-over-IP®)
PCoIP Host	Host side of PCoIP system
PCoIP Portal	Desktop portal or client side of PCoIP system (also known as Zero Client)
MC	PCoIP Management Console
Portal	The user side device incorporating the TERA1100.
RDP	Remote Desktop Protocol
USB	Universal Serial Bus
VM	Virtual Machine

## **Preface**

This document provides a brief summary of the feature additions and issues resolved in each PCoIP Management Console release starting with release 1.0.26. The sections in this document are organized according to release date with the most recent releases listed first.

# 1 Release 1.3.30

This section provides a brief summary of the feature additions and issues resolved in release 1.3.30 versus release 1.2.20.

## 1.1 Compatibility

Release 1.3.30 is compatible with previously released versions of the MC. Databases created using earlier releases of the tool can be imported into this version of the tool.

**Note:** all PCoIP devices managed by the MC must be loaded with firmware release 0.19 or greater. The MC cannot discover devices loaded with older firmware releases. New firmware must be uploaded and activated on devices running firmware releases less than or equal to 0.18.

**Note:** this release of the MC was tested with version 2.5.2 of the VMware Player. Instructions on how to run the MC VM on ESX™ are in the user manual.

## 1.2 Feature Additions

Description
<p>Added configuration support for enhancements made in firmware releases 3.1.x and 3.2.0.</p> <ul style="list-style-type: none"> <li>Keyboard layouts including Danish, Finnish, Norwegian, Swedish, Turkish, Dutch, Polish, Belgian, Russian and Lithuanian</li> <li>Advanced VMware View settings</li> <li>VMware View kiosk mode</li> <li>Disabling the peer loss overlay</li> </ul>
<p>Device log monitoring has been added providing continuous monitoring of up to 200 devices into downloadable log archives and viewable through the MC's web UI</p>
<p>Upgraded the MC's PHP engine to address security vulnerabilities including CVE-2009-2687 and CVE-2009-3558</p>

## 1.3 Important Bug Fixes

Description
<p>Resolved an issue that caused devices to revert to their default names when being moved between groups</p>



## 1.4 Known Issues

Description
<p>This release supports managing up to 2000 PCoIP devices and has been tested to that level. Deployments with more than 2000 devices can use multiple instances of the MC or expect to experience less than optimal performance when using a single instance of the MC. For guidance on managing deployments of over 2000 devices contact Teradici support.</p>
<p>This release is only compatible with versions 3 or 3.5 of the Firefox web browser and versions 7 and 8 of the Microsoft Internet Explorer web browser.</p>
<p>When using Internet Explorer on a Pentium 4 or older PC to access the web UI on a MC instance that is managing more than 1000 devices the JavaScript watchdog dialog may appear occasionally. This dialog asks the user if they want to continue or stop a long-running script. To avoid this, access the MC web UI using Firefox or run Internet Explorer on a Core 2 Duo or newer PC.</p>
<p>Every PCoIP Portal includes an RDP client and can operate as an RDP endpoint. However, the current release of the MC does not support brokering RDP connections between a host and Portal. If this is required a connection broker should be installed in the deployment or the RDP session settings can be configured through the Portal web interface or OSD.</p>

## 2 Release 1.2.20

This section provides a brief summary of the feature additions and issues resolved in release 1.2.20 versus release 1.1.20.

### 2.1 Compatibility

Release 1.2.20 is compatible with previously released versions of the MC. Databases created using earlier releases of the tool can be imported into this version of the tool.

**Note:** all PCoIP devices managed by the MC must be loaded with firmware release 0.19 or greater. The MC cannot discover devices loaded with older firmware releases. New firmware must be uploaded and activated on devices running firmware releases less than or equal to 0.18.

**Note:** this release of the MC was tested with version 2.5.2 of the VMware Player. Instructions on how to run the MC VM on ESX™ are in the user manual.

### 2.2 Feature Additions

Description
The web UI now supports Internet Explorer versions 7 and 8.
When managing devices running PCoIP firmware 2.3 or higher the MC now reports on whether the device's embedded SNMP server is active. The SNMP server can be enabled and disabled through profiles.
This release adds support for the new features available in PCoIP firmware 3.0.0 and 3.1.0. Beginning with firmware version 3.1.0, Teradici has moved to using three digit version numbers for firmware. The MC now displays all firmware versions as three digits by appending a .0 to the two digit version number for all firmware version less than 3.1.0.
Firmware 3.0.0 and later uses kilobits per second (kbps) as the units for bandwidth limit, target and floor values instead of the Megabits per second (Mbps) used in earlier firmware versions. This change has also been made in the MC. When importing a database from an older MC into this release all bandwidth values set in profiles will be converted into kbps. When a profile is applied to a device running firmware earlier than 3.0.0 bandwidth values are rounded down to the nearest Mbps except that 1 - 999 kbps is rounded up to 1 Mbps.
Support for the Korean keyboard layout that was added to firmware 3.0.0.
Session encryption modes can now be configured in profiles and applied to devices running firmware 3.1.0 or newer. Profiles must contain either no encryption methods or all encryption methods and at least one method must be enabled. This is due to a firmware requirement that at least one session encryption mode be enabled on the device at all times.
Added support for configuring the Host Driver Function setting on PCoIP Host devices running FW 3.1.0 or higher
The web UI's Device Manager page now color-codes devices to show their online/offline status. Online devices are shown in green and offline devices are shown

in red.

## 2.3 Important Bug Fixes

Description
Resolved an issue that prevented users from applying profiles that set the Portal language to German.

## 2.4 Known Issues

Description
This release supports managing up to 2000 PCoIP devices and has been tested to that level. Deployments with more than 2000 devices can use multiple instances of the MC or expect to experience degraded performance when using a single instance of the MC. For guidance on managing deployments of over 2000 devices contact your PCoIP equipment supplier.
This release is only compatible with versions 3 or 3.5 of the Firefox web browser and versions 7 and 8 of the Microsoft Internet Explorer web browser.
When using Internet Explorer on a Pentium 4 or older PC to access the web UI on a MC instance that is managing more than 1000 devices the JavaScript watchdog dialog may appear occasionally. This dialog asks the user if they want to continue or stop a long-running script. To avoid this, access the MC web UI using Firefox or run Internet Explorer on a Core 2 Duo or newer PC.
Every PCoIP Portal includes an RDP client and can operate as an RDP endpoint. However, the current release of the MC does not support brokering RDP connections between a host and Portal. If this is required a connection broker should be installed in the deployment or the RDP session settings can be configured through the Portal web interface or OSD.

## 3 Release 1.1.20

This section provides a brief summary of the feature additions and issues resolved in release 1.1.20 versus release 1.0.28.

### 3.1 Compatibility

Release 1.1.20 is compatible with previously released versions of the MC. Databases created using earlier releases of the tool can be imported into this version of the tool.

**Note:** all PCoIP devices managed by the MC must be loaded with firmware release 0.19 or greater. The MC cannot discover devices loaded with older firmware releases. New firmware must be uploaded and activated on devices running firmware releases less than or equal to 0.18.

**Note:** this release of the MC was tested with version 2.5.2 of the VMware Player.

### 3.2 Feature Additions

Description
<p>Increased the number of devices that can be managed by the tool from 400 to 2000 (i.e. 1000 Host/Portal pairs).</p> <p><b>Note:</b> The MC has been designed to manage more than 2000 devices. The MC has been tested with up to 2000 devices.</p>
<p>Modified the database backup and restore feature to support importing and exporting the following additional settings:</p> <p>MC web interface password</p> <p>Network configuration settings</p> <p>Hostname</p>
<p>Updated the profile to support the following new parameters that were added in PCoIP firmware release 2.x:</p> <p>View Connection Server Address</p> <p>View Connection Server Port</p> <p>Enable View Connection Server SSL</p> <p>Enable View Connection Server Auto Connect</p> <p>Device Bandwidth Floor</p>

### 3.3 Important Bug Fixes

Description
<p>Fixed a problem that caused the <i>Last Updated</i> timestamp shown on the Device Details web page to be incorrect.</p>

Fixed a problem that caused the MC to request and use a DHCP assigned IP address while it was configured to use a static IP address.

## 3.4 Known Issues

Description
This release supports managing up to 2000 PCoIP devices. Deployments with more than 2000 devices should postpone using the PCoIPMC until a future release is available that supports more devices or contact their PCoIP equipment supplier for guidance on how to manage more than 2000 devices.
This release is only compatible with versions 3 or 3.5 of the Firefox web browser. Additional browsers will be supported in future releases of the PCoIPMC.
Every PCoIP Portal includes an RDP client and can operate as an RDP endpoint. However, the current release of the PCoIPMC does not support brokering RDP connections between a host and Portal. If this is required a connection broker should be installed in the deployment or the RDP session settings can be configured through the Portal web interface or OSD.

## 4 Release 1.0.28

This section provides a brief summary of the feature additions and issues resolved in release 1.0.28 versus release 1.0.26.

### 4.1 Compatibility

Release 1.0.28 is compatible with previously released versions of the MC. Databases created using earlier releases of the tool can be imported into this version of the tool.

**Note:** all PCoIP devices managed by the MC must be loaded with firmware release 0.19 or greater. The MC cannot discover devices loaded with older firmware releases. New firmware must be uploaded and activated on devices running firmware releases less than or equal to 0.18.

**Note:** this release of the MC was tested with version 2.5.2 of the VMware Player.

### 4.2 Feature Additions

None

### 4.3 Important Bug Fixes

Description
Fixed a problem that prevented users from managing devices that have characters in the <i>Serial Number</i> field greater than or equal to hexadecimal 0x80. The bug prevented users from applying a profile to the device. The bug also prevented users from configuring the device name.

### 4.4 Known Issues

Description
This release supports managing up to 400 PCoIP devices (i.e. 200 Host/Portal pairs). Deployments with more than 400 devices should postpone using the MC until a future release is available that supports more devices.
This release is only compatible with version 3 of the Firefox web browser. Additional browsers will be supported in future releases of the MC.
Every PCoIP Portal includes an RDP client and can operate as an RDP endpoint. However, the current release of the MC does not support brokering RDP connections between a host and Portal. If this is required a connection broker should be installed in the deployment or the RDP session settings can be configured through the Portal web interface or OSD.
The <i>Last Updated</i> timestamp shown on the Device Details web page may not be correct. The problem occurs after modifying the MC time zone through the VM Console.

<p>To work around this, users must halt the MC VM and then restart the VM each time the MC time zone is updated.</p>
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## 5 Release 1.0.26

This section provides a brief summary of the known problems present in release 1.0.26.

### 5.1 Compatibility

Release 1.0.26 is the first official version of the MC. This version is not compatible with previously released test versions of the MC. Databases created using earlier test releases of the tool cannot be imported into this version of the tool. All future releases of the MC will support importing databases created by release 1.0.26.

Note: all PCoIP devices managed by the MC must be loaded with firmware release 0.19 or greater. The MC cannot discover devices loaded with older firmware releases. New firmware must be uploaded and activated on devices running firmware releases less than or equal to 0.18.

Note: this release of the MC was tested with version 2.5.2 of the VMware Player.

### 5.2 Known Issues

See sections 4.3 and 4.4