

# Cloudpaging Server 9.2 Release Notes

**Date: July 10, 2019**

**Server Version: 9.2.0.26924**

## PACKAGE CONTENTS

Documentation\Cloudpaging Server Admin Guide

Server-Windows\Database

Server-Windows\ISSetupPrerequisites

Server-Windows\Application Jukebox Server.exe

## VERSION COMPATIBILITY

The 9.2 Server is compatible with the 8.9.4 and newer Player versions.

The 8.8.x and newer appsets are supported on the 9.2 Server.

## CLOUDPAGING SERVER UPGRADE

### Database Schema Updates

9.2 contains changes to the database schema. If upgrading from 9.0.x or 9.1.x Servers, the corresponding upgrade scripts should be run for your database before upgrading the Cloudpaging Server.

### Windows

The pre-requisites and Cloudpaging Server will be upgraded when running the Server installer for Windows Server.

Cloudpaging Server can no longer be installed on 32-bit operating systems.

### Linux

Please be advised that the Linux installers for Cloudpaging Server are not available for this release.

Please contact Numecent Support at [support@numecent.com](mailto:support@numecent.com) for more information.

This release contains the following enhancements and bug fixes:

## FEATURES & ENHANCEMENTS

Description	Internal Tracking Number
<p><b>Role Based Access Control</b></p> <p>Cloudpaging Server now supports creating multiple administrative accounts and restricting system access for each administrator based on their functional roles within the organization. The pre-defined, hierarchical roles in Cloudpaging Server are:</p> <ul style="list-style-type: none"><li>• <b>Report Manager</b> – Users in this role can view reports for Usages, Licenses and Applications.</li></ul>	<p><b>22377</b> CP-18280, CP-31899, CP-27636</p>

Description	Internal Tracking Number
<ul style="list-style-type: none"> <li>• <b>Session Manager</b> - Users in this role can view, evict and expire Cloudpaging Sessions. Additionally, this role will inherit all privileges from the Report Manager role.</li> <li>• <b>Application Manager</b> - Users in this role can manage Cloudpaging Applications, Licenses and Upgrades. Additionally, this role will inherit all privileges from the Session Manager role.</li> <li>• <b>System Manager</b> - Users in this role can manage Machines, Services, Configurations and more. Additionally, this role will inherit all privileges from the Application Manager role.</li> <li>• <b>Administrator</b> - Users in this role can manage User Accounts. Additionally, this role will inherit all privileges from the System Manager role.</li> </ul>	
<p><b>SQL Windows Authentication</b></p> <p>Cloudpaging Server 9.2 introduces the ability to connect with SQL Server using Windows credentials. This feature removes the need to create or maintain separate user and login accounts in SQL Server, simplifying the deployment of Cloudpaging Server.</p>	<p><b>25884, 24519</b> CP-32089, CP-30852, CP-32338</p>
<p><b>Windows Server 2019 and SQL Server 2017 support</b></p> <p>Cloudpaging Server 9.2 officially supports Windows Server 2019 and SQL Server 2017 in addition to the previously supported operating systems and SQL Server versions.</p>	<p>CP-32341</p>
<p><b>Cloudpaging Server Prerequisites</b></p> <p>The Cloudpaging 9.2 Server installer is updated to deliver new pre-requisites that reflect the latest patch version. We recommend upgrading to ensure that you are running Cloudpaging Server with the latest security patch for all prerequisites. The following are the versions included for the Cloudpaging Server 9.2 installers.</p> <ul style="list-style-type: none"> <li>• Tomcat 8.5.42</li> <li>• MSSQL Server 2016</li> <li>• JDBC for MS SQL 7.2</li> </ul> <p>Starting in version 9.2 Cloudpaging Server uses Adopt OpenJDK to accommodate a change to Oracle's licensing policy. For more information, see <a href="https://java.com/en/download/release_notice.jsp">https://java.com/en/download/release_notice.jsp</a>.</p>	<p>CP-32342</p>
<p><b>TLS 1.2</b></p> <p>Cloudpaging Server has officially supported TLS 1.2 since version 9.0. We strongly recommend disabling older versions of TLS and cipher suites. For more information on how to disable them, please visit our Support article here - <a href="https://support.numecent.com/a/solutions/articles/1000182956">https://support.numecent.com/a/solutions/articles/1000182956</a>.</p>	<p><b>26081</b> CP-26267, CP-32177, CP-32339</p>

## SERVER BUG FIXES

Description	Internal Tracking Number
Server installer prompts to install SQL Server 2016 Express even when 2016 Enterprise version is installed.	<b>26519</b> CP-32435
Cloudpaging Server upgrade does not preserve service account settings.	<b>22742</b> CP-28540
Applications cannot be deleted from Cloudpaging Server 9.1.6.	<b>27049</b> CP-32602
Cloudpaging Server's Windows service may be removed upon upgrade.	<b>25531</b> CP-31828
Remove SetSPN pre-requisite from the Cloudpaging Server installer.	<b>24179</b> CP-30196
Single Sign On does not work after user clicks "Switch User" and then browses to the Enterprise Portal's homepage.	<b>27161</b> CP-32679
Enterprise portal incorrectly handles Single Sign On requests from Cloudpaging Player resulting in authentication prompts being displayed to the end user.	<b>26981</b> CP-32594
Remove defunct URL for pre-requisites from Cloudpaging Server installer.	CP-32090
Cloudpaging Server installer does not validate the OS before installing pre-requisites.	CP-22596
Clicking on the Enterprise Portal's logo does not redirect users to the homepage.	CP-29774
Rename Switch user button in the Enterprise Portal to Logout.	CP-32588
Unauthorized user's name may be displayed on Enterprise Portal's banner in the top right section.	CP-32688
Users should be redirected to Enterprise Portal's login page if they navigate to an invalid page.	CP-26459
Enterprise Portal cannot authenticate a user that belongs to 1002 or more groups in AD.	CP-32672

## CONTACT US

For a complete listing of all known issues or for additional support, please contact Numecent Support at [support@numecent.com](mailto:support@numecent.com) or find us online at <http://support.numecent.com>

# Cloudpaging Server 9.2 Hotfix Release Notes

**Date: July 16, 2019**

**Server Version: 9.2.0.27006**

## **SERVER BUG FIXES**

This release contains the following bug fixes:

<b>Description</b>	<b>Internal Tracking Number</b>
On Server environments that do not have internet access, installing or upgrading 9.2.0 Server fails. Accessing the Cloudpaging Server web UI returns HTTP Status 500 - Internal Server Error with a message 'I/O Error reading definitions'.	<b>27920</b> CP-33050