Cloudpaging Server & Enterprise Portal 9.7.0 Release Notes

Date: August 29, 2023
Server Version: 9.7.0.1483.31970af

Package Contents

Documentation\Cloudpaging Server Admin Guide.pdf
Documentation\Cloudpaging Server Supplemental Guide for Enterprise Portal.pdf
Documentation\Cloudpaging Server Supplemental Guide for Web Portal Integration.pdf

Server-Windows\Application Jukebox Server.exe
Server-Windows\ISSetupPrerequisites
Server-Windows\Database

Version Compatibility

The 9.7.0 Cloudpaging Server and Enterprise Portal are compatible with the 9.2.0 and newer Cloudpaging Player versions.

Appsets packaged with Cloudpaging Studio version 8.8.x and higher are supported on the 9.7.0 Cloudpaging Server.

Upgrade

Please read the accompanying upgrade guide for important information and full instructions if upgrading from a previous version of the Cloudpaging Server or Enterprise Portal.

Overview

In this version of Cloudpaging Server and Enterprise Portal, the primary focus was implementing new features into Enterprise Portal. We are excited to introduce a brand-new Single Sign-on (SSO) feature using SAML 2.0 authentication and the ability to integrate with multiple Active Directory domains. SAML 2.0 authentication will allow Enterprise Portal users to log in without providing credentials when an Identity Provider (IdP), such as Active Directory Federation Service (ADFS) or Okta, is used. Integration to multiple Active Directory domains will allow Enterprise Portal to support more complex Active Directory configurations, including those that utilize cross-forest domain. We also spent a lot of time and effort fixing Cloudpaging Server bugs and addressing support issues reported by customers. This document shows a curated selection of fixes and enhancements made in this release.

Highlights
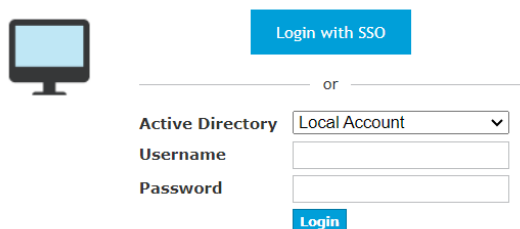
Single Sign-On using SAML

Enterprise Portal now allows SSO using SAML authentication. Administrators can configure integrations with Identity Providers such as ADFS and Okta. Once configured, users can log in by simply clicking on the new "Login with SSO" button.

Connecting to Multiple Active Directories

Enterprise Portal Active Directory integration has been improved by allowing connectivity to multiple Active Directory domains, giving administrators flexibility when working with large and complex AD structures.
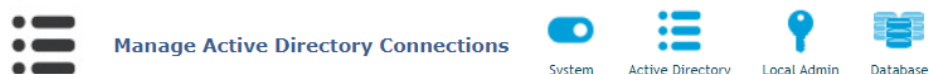
Overhaul to database access layer

Cloudpaging Server connections and access to the database have been revised and enhanced to optimize performance while keeping Java heap memory usage lower.

⬡ Enhancements

Here are some enhancements implemented in this release.

Issue Type	Description	Ticket Number
Enhancement	**Implemented Enterprise Portal SSO using SAML 2.0 authentication** Enterprise Portal now supports integration with third-party Identity Providers using the SAML 2.0 authentication protocol	EP-989 EP-990 EP-991
Enhancement	**Allowed Enterprise Portal to connect to multiple Active Directory domains** Enterprise Portal now supports Active Directory with cross-forest trusts by setting up connections to multiple Active Directory domains	EP-948 **35732**
Enhancement	**Support SQL Server 2022**	CS-5029
Enhancement	Updated database connection pool size and enhanced other configurations related to database connectivity	CS-5022 **36670**
Enhancement	Updated StBinaryData database table to support product license keys with longer properties	CS-5031
Enhancement	Removed auto deploy support for Cloudpaging Player 9.1 and below	EP-974
Enhancement	Added OS name support for Windows 11 and Windows Server 2022	CS-5007
Enhancement	Improved error messaging when configuring Active Directory connections	EP-972 EP-984

🐞 Bugs

Here are some defects we squashed in this release.

Issue Type	Description	Ticket Number
Bug	Fixed various out of memory errors associated with significantly large number of sessions (more than 100k sessions)	CS-5020 CS-5023 CS-5026 CS-5027 **36670**
Bug	Fixed a bug where updating a license policy would remove a previously set auto deploy flag	CS-5014 EP-947 **36495**
Bug	Fixed an error in Enterprise Portal communicating with Cloudpaging Server when there are significantly large number of sessions	CS-5004 **36079**
Bug	Allow creating Active Directory User accounts with sAMAaccountName including "$" character in Cloudpaging Server	CS-5011 **36463**
Bug	Improved error message in Cloudpaging Server PowerShell Module when Cloudpaging Server has an insecure SSL certificate	CS-5001 **35977**
Bug	Revived displayName parameter in Cloudpaging Server token request API	CS-5013 **36549**

Open Source Disclosure

Numecents Cloudpaging products use open source software licensed to Numecent for use and redistribution under an open source license. To better inform Numecent customers on what open source code is included within Cloudpaging products, please see this support article to learn more.

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