

Cloudpaging Server & Enterprise Portal 9.5.0 Release Notes

Date: November 29, 2021

Server Version: 9.5.0.1077-a29f466e

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 9.5.0 Cloudpaging Server is compatible with the 8.9.4 and newer Player versions.

Appsets packaged with Cloudpaging Studio version 8.8.x and higher are supported on the 9.5.0 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

Since version 9.3 our focus has been on improving the administrative user experience for our Cloudpaging products. Today we are thrilled to unveil our latest Cloudpaging Server release which comes with revamped dashboard and reports, security enhancements around server integrations, and new features like Active Directory integration. This document shows a curated selection of features and enhancements made in this release.

Dashboard

Overview

1
ACTIVE NAMED USERS
This is the number of currently active named users.

25
ALLOWED NAMED USERS
This is the number of named users allowed by the product license.

1
ACTIVE DEVICES
This is the number of currently active devices.

1
ACTIVE SESSIONS
This is the number of currently active sessions.

50
ALLOWED SESSIONS
This is the number of sessions allowed by the product license.

Highlights

Active Directory Configuration

Server Settings

AD Integration: Enable AD integration for user authentication
Globally enable Active Directory authentication. Settings are kept in the database for future usage.

Hostname:
Hostname of the server running Active Directory (AD)

Port: No encryption LDAPS Start TLS

Domain:
The Active Directory domain

Active Directory Integration

Cloudpaging Server 9.5.0 now integrates with Microsoft Active Directory for user management. When creating a new user, a server administrator can choose to either create an internal user or a user in Active Directory.

Usage

From: [2021/10/15] To: [2021/10/16] License Policy: [] Username: [] Machine Name: []

Policy	Username	Machine Name	Start Time	Stop Time	Duration	Player Version	OS	IP Address
mytest1**	admin	qj-5dhwrtmca-numecent.com	Fri, 12 Nov 2021 15:37:21 UTC	Fri, 12 Nov 2021 19:38:08 UTC	4h	9.1.2-23844	Windows Server 2016 (64-bit)	10.1.1.10
test	admin	TB-EUARG-0126.biz.trusted.com/Wal	20 Oct 2021 21:17:13 UTC	20 Oct 2021 21:29:48 UTC	17h	9.1.2-23871	Windows 10 (64-bit)	192.168.146.1
mytest1**	admin	TB-EUARG-0126.biz.trusted.com/Wal	20 Oct 2021 21:28:34 UTC	20 Oct 2021 21:28:58 UTC	24s	9.1.2-23871	Windows 10 (64-bit)	192.168.146.1

Revamped Usage Report

The Reports section has gone through an overhaul. Application and License Statistics reports have been removed based on customer feedback, and Usage Reports has been redesigned to include useful information for software asset management. The report now combines currently active usage and previous usages for a more holistic view of how the software is being used.

CloudPAGING Management Systems Deployments Reports

Edit Upgrade

From

From Application:

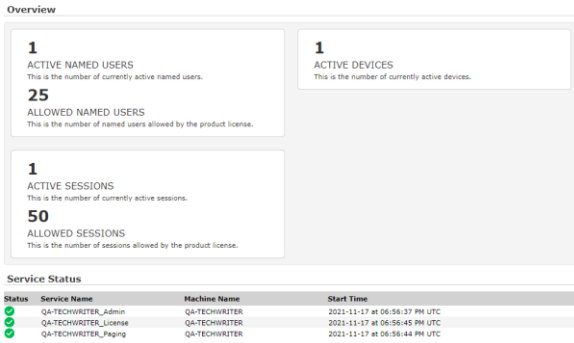
From Policy:

From Details

Application Description: Eclipse is an integrated development environment used in computer programming. It contains a base workspace and an extensible plug-in system for customizing the environment.

Enhanced Chain Upgrade Workflow

We've improved user experience for an upgrade chain. If an administrator configures a chain upgrade such as an upgrade from version 1 to 2, and an upgrade from version 2 to 3, user currently using version 1 will directly upgrade to version 3, skipping the upgrade to version 2.



Redesigned Server Dashboard

Cloudpaging Server Dashboard has been redesigned to include information on product license key usage. The Server Log has been removed and all corresponding logs are now written to the server log file (core_service.log). The dashboard will also show an important reminder as a banner such as when a product license key is nearing expiration date.

```
Server-Version=9.5.0.0
Issued-To=Numecent
GUID={8e6eb806-b1a8-4866-8d31-6497c3cc8772}
Database-IP-Address=10.11.4.25
Server-External-DNS=cpservice.numecent.com
Server-Version-Min=9.5.0.0
Named-Users-Max=200
License-Services-Max=2
Sessions-Max=500
Paging-Services-Max=2
SKU=CP-Pro-R
```

Updated Product License Key Format

In Cloudpaging Server 9.5.0, we have updated the product license key format to make it easier for customers to understand the product license content. Cloudpaging Server 9.5.0 continues to support older product license key format.

IMPORTANT

The new product license key file generated for Cloudpaging Server 9.5.0 is not compatible with the older Cloudpaging Server versions. Please note the version of your Cloudpaging Server when requesting a product license key.

```
Administrator: Windows PowerShell
PS C:\WINDOWS\system32> Set-CloudpagingWebService

cmdlet Set-CloudpagingWebService at command pipeline position 1
Supply values for the following parameters:
WebServiceKey: CC7FC696-AF35-BDA2-F030-32F1E19585E8
ServerUrl: https://10.11.4.27
PS C:\WINDOWS\system32> Get-CloudpagingApplication -AppTitle "Beyond Compare%"

appGuid           : A432F935-AD08-4471-A165-ADC9F0E9D244
appSize           : 6234948
applicationId     : 4
createTime        : 8/2/2018 23:07:20
description        : Packaged in 64Bit studio for Win7 x64.
licenseCount      : 41
```

PowerShell Module for Server Administration

Cloudpaging Server administrators now have the option to manage the virtual application deployments using PowerShell. The Cloudpaging Server PowerShell module allows administrators to control the application deployments, license policies, upgrade policies, sessions, and view system configuration.



Windows Server 2022 Support

Starting with Cloudpaging Server 9.5.0, we now officially support running the server on Windows Server 2022.

Resolved Issues

Here are some additional features and improvements implemented, and bugs that were squashed in this release.

Issue Type	Description	Ticket Number
Feature	Active Directory integration for Cloudpaging Server	CS-1585
Feature	Create Powershell commands for Cloudpaging Server administration	CS-1414, CS-490
Feature	Add functionality to allow Server to display the encryption of appset	CS-1334
Enhancement	Remove server log in the dashboard/web ui	CS-1437
Enhancement	Redesign of Cloudpaging Server's usage reports to improve usefulness to the end user.	CS-1438
Enhancement	Change server configuration to set token encryption V2 as default	CS-522
Enhancement	Add STARTTLS for LDAP in Enterprise Portal and for AD Integration in Cloudpaging Server	CS-1741, CS-1743
Enhancement	Separate out the web service key used for token requests from the ones used for administration API	CS-1655
Enhancement	Improvements to the reports and dashboard in the Cloudpaging Server so that they display more relevant information.	CS-1677
Enhancement	Product key and product controls updates	CS-1693
Enhancement	Allow paging service to use TLS	CS-1716
Enhancement	Machine Name should get set on Session Register, not just Token Renewal	CS-1750
Enhancement	Include machine name in session table in Cloudpaging server	CS-1760
Enhancement	Server should distribute the token for the last app in an Upgrade chain	CS-1763
Enhancement	Record OS version string	CS-1768
Enhancement	Improve code security and correctness in Cloudpaging Server	CS-1770
Bug	Core Server - Active Directory - Update fails after Test connection (with anonymous login)	33697 CS-1632

Issue Type	Description	Ticket Number
Bug	Cloudpaging Server Supplemental Guide for Enterprise Portal is missing documentation on the requirement for apps to be assigned to the tenant principal account	33840 CS-1752
Bug	PowerShell cmdlet to create license policy does not have the same defaults as creating from UI	33925 CS-1765

Contact Us

For additional support, please contact Numecent Support at support@numecent.com or find us online at <http://support.numecent.com>.