



Workspace Control

Release Notes

Version 2020.0 (10.5.0.0)

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Introduction

We are pleased to announce the release of Ivanti Workspace Control 2020.0. Read these release notes to find out what we have changed and what we've fixed.

Our previous release, in Feb 2020, was Ivanti Workspace Control 10.4. You will notice that, with this release, we have changed our release numbering to Ivanti Workspace Control 2020.0, both to align with the numbering system for other products at Ivanti but also to reflect that, following a couple of years of uncertainty about the product's future, this release represents a new dawn and a new chapter for Ivanti Workspace Control. We are no longer just performing product maintenance, but we are back reinvesting in Ivanti Workspace Control and adding new features which we hope you will find valuable and improve your experience of the product.

If you have any feedback on this release and/or you would like to have a conversation about our future roadmap, send us an email at dl-ibu-productmanagement@ivanti.com.

Important Information

Change to Managed Application Log and Certificates Security Log

As of Workspace Control 2020.0, Authorized Certificate Security log entries will be stored with **IngClassId = 96**.

Before this version, both Managed Applications Security log entries and Authorized Certificate Security log entries were stored in the database as **IngClassId = 23**.

The Authorized Certificate Security log was filtered on certificates when the information was presented in the Workspace Control Console.

Existing functionality will be preserved:

- The Authorized Certificate Security log will only show entries with **IngClassId = 96**.
- The Managed Applications Security log will show entries with **IngClassId = 23** and **IngClassId = 96**.

When an application is started that is not authorized yet, it will only be reported with **IngClassId = 23** if it doesn't have a certificate.

As a result, when using an older version of the Workspace Control Console, which doesn't recognize entries with **IngClassId = 96**, in combination with newer version agents, only these entries with **IngClassId = 23** will be visible.

Windows Firewall Rules are overruled by Ivanti Workspace Control Network Connections Security

Windows Firewall rules can be overruled using Ivanti Workspace Control Network Connections Security rules.

Both the filter driver for Network Connections Security as the Windows Firewall use the Windows Filtering Platform (WFP).

Previously, before applying the rules as configured in the Workspace Control Console, the existing rules were cleared to reflect this configuration.

With the release of Ivanti Workspace Control 2020.0, existing rules are no longer cleared out before applying the rules for Network Connections Security.

As a result, both the rules from Windows Firewall and Network Connections Security in Workspace Control are applied.

Although the existing set of rules might not match the configuration in the Workspace Control Console, this doesn't outweigh the benefit and security of combining the rules.

More information can be found here:

<https://forums.ivanti.com/s/article/Windows-Firewall-Rules-are-overruled-by-Ivanti-Workspace-Control-Network-Connection-Security>

Changes in Workspace Control following the deprecation of Catalog Services in Identity Director

In Ivanti Identity Director 2019.1, Catalog Services has been deprecated and should no longer be used.

As a result, Ivanti Workspace Control 2020.0 or higher requires Identity Director 2019.1 or higher.

After configuring the Identity Director Management Portal URL, agents that have not been upgraded yet will continue to use the previously configured Catalog Services.

More information can be found here:

<https://forums.ivanti.com/s/article/Changes-in-Workspace-Control-following-the-deprecation-of-Catalog-Services-in-Identity-Director>

New installation

Before performing a new installation of Workspace Control 2020.0, please read the following release note carefully:

Installation: Updated ActiveReports components

As of RES ONE Workspace version 10, the third-party components for ActiveReports have been updated to address a security vulnerability (CVSS v2 Base Score: 8.8).

The ActiveReports components (libraries and object code) included in this release, are proprietary to Data Dynamics, Ltd. (acquired by: GrapeCity, Inc.). By downloading and installing this release the end-user assumes and accepts sole responsibility of the use of the ActiveReports component and will not act contrary to license terms applicable and available via <https://www.grapecity.com/legal/eula>.

Datastore

This table shows which Datastore revision level applies to Workspace Control 2020.0 and in which version it was introduced:

Datastore revision level:	Introduced in:
13	RES Workspace Manager 2014 SR3

When installing this version, if the Datastore is of a lower revision level, it will automatically be updated.

Drivers

This table shows a list of drivers and when they were last updated.

Driver:	Last updated in:
FileGuard	Workspace Control version 10.3.40.0
ImgGuard	Workspace Control version 10.4.50.0
NetGuard	Workspace Control version 10.5.0.0
RegGuard	Workspace Control version 10.3.120.0
RESNFLT	Workspace Control version 10.3.60.0
AppGuard	Obsolete as of RES ONE Workspace version 10.1.0.0

If you are upgrading from a version that is older than the highest version in this overview, a reboot is required to activate the updated drivers.

Example:

Currently installed version: 10.3.0.0

Highest version in the list: 10.3.60.0 (for example)

Version 10.3.60.0 is newer than 10.3.0.0, therefore a reboot is required.

New Enhancements and Improvements

New splash screen

In Ivanti Workspace Control 2020.0, the splash screen has been changed. The right side of the splash screen is customizable. Dimensions for custom branding images have been changed from 268 x 134 pixels to 426 x 426 pixels.

The custom branding image will now cover 50 percent of the total splash screen instead of 25 percent.

Upgrading an environment with a custom branding image

If the image is larger or smaller than the current custom branding dimensions, the image will be scaled to fill the picture box, where the aspect ratio will remain the same.

If the current custom branding image has the correct dimensions, the console will centre it in the middle of the larger picture box.

If a new console is installed and the agent has not yet been upgraded, the image on the agent will remain the same.

Ivanti Neurons for Edge Intelligence

With the recent release of Ivanti Neurons (<https://www.ivanti.com/company/press-releases/2020/ivanti-announces-ivanti-neurons>), Workspace Control is adding Ivanti Neurons for Edge Intelligence, an [Ivanti Neurons](#) feature which gives IT the ability to query devices using natural language processing (NLP) and get real-time intelligence across the enterprise in seconds. With so many users now working from home, this feature enables IT administrators to quickly and easily retrieve data from endpoints, whether they are on or off network.

In Workspace Control 2020.0, Ivanti Neurons for Edge Intelligence is being made available on controlled release to a subset of larger customers to assess both the benefits and costs associated with this feature at scale. It is also available to customers who purchase [Ivanti Neurons for Edge Intelligence](#) as part of the Ivanti Neurons platform.

More information can be found in the Getting Started Guide which can be found at https://help.ivanti.com/res/help/en_US/IWC/10.5/Cloud/default.htm

Microsoft Profile Containers integration

With the release of Ivanti Workspace Control 2020.0, support has been added for Microsoft Profile Containers, formerly known as FSLogix. This integration has been added to provide support for non-persistent VDI environments where Microsoft Office 365 is in use, enabling VHD cache roaming for Office 365 applications.

One of the main challenges with using Office 365 in non-persistent VDI environments is that the user profile needs to be rebuilt at logon and this typically involves copying lots of files, including large files such as .ost files. Other items such as the search indexer needs to be rebuilt every time you log in. Because of this, sign in and sign out times often become unacceptable in these non-persistent environments.

Microsoft Profile Containers solves this problem by redirecting user profiles to a network location using Profile Container. Profiles are placed in VHD(X) files and mounted at run time. Mounting and using the profile on the network eliminates delays often associated with solutions that copy files.

With this integration it is possible to configure Microsoft Profile Containers from the Ivanti Workspace Control Console.

Microsoft Profile Containers Integration requires the Microsoft Profile Containers agent to be installed and running on the endpoint.

In the Ivanti Workspace Control Console the option Microsoft Profile Containers has been added under **Setup > Integration**.

There are two possible Container Modes to choose from:

- **Office Containers:** Microsoft Office applications can be included or excluded individually
- **Profile Containers:** the entire profile will be included

More information can be found in the Microsoft Profile Containers Integration Overview which can be found at <https://forums.ivanti.com/s/article/Microsoft-Profile-Containers-Integration-Overview-for-Ivanti-Workspace-Control>

Intercept VMware Horizon Published Applications with Ivanti Workspace Control

In 2020.0 support has been added for the interception of VMware Horizon Published Applications with Ivanti Workspace Control.

For this feature to be enabled the following registry key needs to be set on the virtual machine that is hosting the applications.

32-bit:

Key: HKEY_LOCAL_MACHINE\SOFTWARE\RES\Workspace Manager
Value: XenDesktop7Intercept
Type: REG_SZ
Data: yes

64-bit:

Key: HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\RES\Workspace Manager
Value: XenDesktop7Intercept
Type: REG_SZ
Data: yes

Note: Even though the registry key contains XenDesktop, this registry also works for VMware Horizon Applications.

Please note, for the registry change to take effect, the Ivanti Workspace Control Agent service needs to be restarted.

Tags on Administrative Roles

Tags have been added as a new scope option to **Administration > Administrative Roles**. Tags can be used to configure which administrative roles can administer an application or printer.

Tags can be added to applications: **Composition > Applications**

and printers: **Composition > Actions By Type > Printers**

For organizations with multiple workspace administrators, tags can be used to provide more granular role-based access control.

More information can be found here:

<https://forums.ivanti.com/s/article/INFO-Tags-on-Administrative-Roles>

Improved support for Citrix Cloud

With the release of Ivanti Workspace Control 10.4.0.0, support for publishing to Citrix Cloud was added to Ivanti Workspace Control. Several improvements have been made in Workspace Control 2020.0 to further enhance support for Citrix Cloud. For example:

- Improved access control, users and groups have been added to a published application.
- Opening or closing a published application from within the Ivanti Workspace Control console could make the console unresponsive for a while. This has been solved in Ivanti Workspace Control 2020.0.

Performance improvement in Process Interception during logon

Not all internal processes were excluded from the evaluation by Process Interception. This could cause a delay. This issue has been resolved in Ivanti Workspace Control 2020.0.

More information can be found here:

<https://forums.ivanti.com/s/article/Performance-improvement-in-Process-Interception-during-logon>

User Voice – Responding to your requests

Thanks for continuing to submit your Product Enhancement Requests via the Product Ideas page on the Ivanti Community (<https://ivanti.uservoice.com/forums/928756-workspace-control>). We review these each week and they form a valuable input to our product roadmap, so please continue to submit your ideas and vote on those that are already there.

In Ivanti Workspace Control 2020.0, we've addressed the following requests:

- Create the registry hook CreateCTXDirectorEvent to enable Citrix Director logon duration measurement
<https://ivanti.uservoice.com/forums/928756/suggestions/39730636>
- Add a SessionID variable to the composer (like we have for UserSID)
<https://ivanti.uservoice.com/forums/928756/suggestions/40317532>
- Add Interception support for Horizon view published apps (as noted above)
<https://ivanti.uservoice.com/forums/928756/suggestions/40132447>
- Change user settings default from tracking to capture
<https://ivanti.uservoice.com/forums/928756/suggestions/39876985>
- Cached credential usage detection option in eventlog
<https://ivanti.uservoice.com/forums/928756/suggestions/40309735>

- Cached credential usage detection variable
<https://ivanti.uservoice.com/forums/928756/suggestions/40309735>
- Change the Help Pull-Down Menu in the Ivanti Workspace Control console to contain a direct link to "Workspace Control product area"
<https://ivanti.uservoice.com/forums/928756/suggestions/40227550>

Security improvements

Among two updated drivers, ImgGuard and NetGuard, various other security improvements have been made.

Performance improvements

Various performance improvements have been implemented.

Compatibility Updates

User Setting templates for Visio 2016 and Project 2016 have been added to Ivanti Workspace Control

More information can be found here:

<https://forums.ivanti.com/s/article/User-Setting-templates-not-available-for-Visio-2016-and-Project-2016-within-Ivanti-Workspace-Control-Console>

Support for Microsoft OLE DB driver

More information can be found here:

<https://forums.ivanti.com/s/article/Unable-to-use-Force-protocol-encryption-with-the-Microsoft-OleDB-driver>

and here:

<https://forums.ivanti.com/s/article/Microsoft-OLE-DB-Driver-doesn-t-work-for-Azure-database-connections>

Microsoft LDAP E-mail Settings Default password option added to Ivanti Workspace Control

More information can be found here:

<https://forums.ivanti.com/s/article/Microsoft-LDAP-e-mail-settings-does-not-allow-you-to-supply-the-password-during-configuration-of-this-option>

Support for Microsoft SQL 2019

Ivanti Workspace Control has been verified to work on Microsoft SQL 2019.

Support for Microsoft Windows 10 Virtual Desktop

Ivanti Workspace Control has been verified to work on Microsoft Windows 10 Virtual Desktop.

Support for Citrix Virtual Apps and Desktop 1912 LTSR

Ivanti Workspace Control has been verified to work with Citrix Virtual Apps and Desktops 1912 LTSR.

User Setting templates for Microsoft Edge Chromium have been added to Ivanti Workspace Control

More information can be found here:

<https://forums.ivanti.com/s/article/INFO-User-Setting-templates-for-Microsoft-Edge-Chromium-are-added-to-Ivanti-Workspace-Control>

Microsoft Edge Chromium has been added as a default application in Websites Security

More information can be found here:

<https://forums.ivanti.com/s/article/INFO-Microsoft-Edge-Chromium-is-added-as-a-default-application-in-Websites-Security>

Bugs Fixed

The following customer support issues have been resolved in this release:

Problem ID	Title
73603	Error '(13) Type mismatch' is shown upon starting the Workspace Control Console Document
74002	Application not exiting after the configured time restriction has passed Document
74409	Some items in the Ivanti Workspace Control Console are read-only while modify permissions are configured in the Administrative Role Document
74462	Applied Workspace Containers not visible when viewing Microsoft Profile Containers Document
74463	"Save Settings" not selectable after adding a Workspace container at Microsoft Profile Containers Document
74559	System based Environment variables are not working within the Microsoft Profile Containers VHDX location Document
74560	Managed Start Menu issues after upgrade to Ivanti Workspace Control 10.4.50.0 Document
74595	Disabling the Microsoft Office Activation option within Ivanti Workspace will switch off the Microsoft Profile container feature Document
74611	Local Citrix XenApp publishing fails after updating to Ivanti Workspace Control 10.4.50.0 Document
74613	ConcurrentUserSessions Registry entry is not set to 1 after enabling Microsoft Profile Container option Document

Problem ID	Title
74727	Intermittently files in the File Explorer have blank icons after a session reconnect Document
74777	Windows Firewall Service becomes inactive resulting in black screen on log on Document
74785	The Managed Applications Security log shows no results when a Group by filter is configured Document
74933	Intermittently Pinning of Taskbar icons is not working anymore after installing Ivanti Workspace Control 10.4.40.0 and higher Document
75049	VMware Horizon session Protocol type is shown as "Console" instead of "Blast" or "PCOIP" Document

Additional Information

Ivanti Workspace Control product area

From here you can access product downloads and documentation or link to useful configuration and troubleshooting guides.

<https://forums.ivanti.com/s/workspace-control-powered-by-res>

Download links and Release Notes of previous versions

Download links to previous versions and corresponding release notes are available on the Ivanti Community through the [Download Links](#) page.

Supported Operating System and Technologies

The supported Operating Systems, Database systems, Directory Services, and third-party software are detailed in the [Compatibility Matrix](#).

Ivanti Workspace Control Upgrade Guide

Information about the upgrade path of Ivanti Workspace Control can be found through the [Upgrade Guide](#).

Ivanti Workspace Control Antivirus Best Practices

Antivirus exclusions needed for Ivanti Workspace Control can be found through the [Anti Virus Best Practice](#).

Ivanti Workspace Control ideas

Vote for new ideas or submit new ideas for Ivanti Workspace Control

<https://ivanti.uservoice.com/forums/928756-workspace-control>

Further Help and Information

Information about installing, configuring, and using Workspace Control is available from the [Administration Guide](#).