

Application Workspace 4.4

[Update guidance](#)

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Application Workspace

General

This document provides guidance on updating from Application Workspace 4.3 to Application Workspace 4.4

UI Rebranding

Application Workspace has a fresh look, with a new color scheme and a new logo. As part of our rebranding initiative, we've updated the Launcher icon to reflect our new visual identity. The name of the paths of the installation and the display name of the Application Workspace services have not been changed.

Commented [DL1]: It might be good to note that there is NO name change in the paths of the installation and AW services

Commented [RK2]: We need to make sure that we explain that endusers will get an other icon in the taskbar and system tray. Because endusers may have trouble finding the launcher.

Managed folders (Preview)

A new option lets you enable the managed folders view of applications in the Workspace tab for the end-users. The end-user can then toggle between the tag list or folder view of applications. The new option is available in User Settings, Workspace tab and User Portal. In the Workspace tab, it is available only if the **All** filter is selected in the Side menu. Current limitation: the order of apps within a folder cannot be changed.

This feature is currently in preview. We are actively working on enhancing its capabilities and plan to introduce additional functionalities in future updates.

Commented [DL3]: There is a preview behind it, maybe it's good to mention it and the reason why?

ACME client for Application Workspace Satellite Server

The existing Automated Certificate Management Environment (ACME) client functionality was extended to encompass the Application Workspace Satellite Server. This new feature helps reduce even more the end-user disruption because of expired certificates and decreases the administrative workload of your IT department. At this moment, only "Let's Encrypt" and "Google Trust Services" are supported.

Important notes:



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Set a publicly accessible URL: The DNS name of the domain must be resolvable on the internet to the Application Workspace System. By default, it uses the local IP.

Open required ports

- **Port 80** must be open to HTTP traffic.
- **Port 443** must be open to HTTPS traffic.

Redirects from HTTP port 80 to HTTPS port 443 are allowed when the redirects include the original request path. For example: `http://workspace.liquid.com/.well-known/acme-challenge/[token]` redirects to `https://workspace.liquid.com/.well-known/acme-challenge/[token]`. HTTPS port 443 is not required to have a valid SSL certificate, the ACME challenge mechanism will not validate any certificate.

Certificate handling: If HTTPS is configured but no certificate is found (and no ACME certificate is available), the system will automatically generate a self-signed certificate and assign it to the server.

Session restart required: After requesting a certificate, restart the session and log in again to view the certificate details on the screen.

Certificate renewal period: Certificates are valid for 90 days. A renewal request is initiated after 60 days. The system checks the certificate status every 24 hours.

Status notification: A success or failure message will be displayed upon certificate request or renewal.

Offline mode notification

Application Workspace Launcher now displays a banner whenever it goes into offline mode.

Commented [DL4]: Perhaps a screenshot for illustrative purposes?

Commented [FB5R4]: note to myself: waiting for Lubo to provide an image

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Near Realtime Reporting Data

As an alternative to our current Reporting functionality, we now offer you a new Power BI template, hosted externally and not yet integrated into Application Workspace. This currently provides access only to events data. We recommend transitioning from the existing reporting feature in the Application Workspace to our new Power BI template, which expands on the previous reporting feature by offering enhanced granularity and broader data coverage, including insights into licensing, deployments, launch health, install health and much more.

License

The new Power BI template is supported for all three licenses: Standard, Access Manager and Release and Patch Management.

- Commented [DL6]: Do we have license tiers?
- Commented [FB7R6]: I don't know how we call them.

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Data window

The new Power BI template allows you to retrieve data directly from the software database, without relying on a data window.

Download

You can download the Power BI template from our [Downloads](#) web page.

Commented [DL8]: I think it's good to provide the download link here as well.

Generating the client secret

To be able to configure the OData Feed Connection for the Power BI template, you first need to generate the client secret. To do that, you need to navigate to Manage > System > API Access.

One-Time Display of Client Secret

Once your client secret is generated, make sure you copy and store it safely as this it is displayed only once, and cannot be accessed again.

Configuring the OData Feed Connection

When loading the Power BI Template, you will be prompted to insert the Zone URL. The format of this URL is `https://<virtualhost>/api/reports/v4/`

Next you have to enter the username and password you get from Application Workspace.

We recommend keeping the prefilled level of authentication as-is. Changing this setting has no impact on the connection or data access.

Application Workspace Powershell Module

The Get-LiquitEvent now also allows you to specify a date range for which you want to retrieve events. Context filters can now also be created through the Application Workspace Powershell Module.

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Highlights from previous minor 4.3.x releases

Support CimFS for Universal Agent virtual disks actions

We've expanded our existing feature that allows packages to mount virtual hard disks into specific empty folders on devices, by adding support for CIM files on Windows. This update brings improved compatibility with App Attach, particularly in Azure Virtual Desktop (AVD) environments. By leveraging CimFS (Composite Image File System), MSIX application content can now be mounted as a read-only file system, making applications instantly accessible without requiring full installation. This enhancement is particularly valuable in non-persistent desktop environments. For more details about the how to create AW package CimFS files in Application Workspace for AppAttach, see [Appendix 1](#).

Support lifecycle

Application Workspace 4.1 has reached end-of-life.

Bug reporting

Please report a bug via our Support team directly via the [Support Ticket Form](#).

Feature requests

For new feature requests please use the [Recast Ideas platform](#).

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Appendix 1 – How to create CimFS App Attach package files in Application Workspace

Prerequisites

1. The certificate with which the MSIX package is signed must be present on the device
2. The Package Name and Package family name which you need to create the package for CIM App Attach in Application Workspace. You can use for example MSIX hero.

Step by step guide

Create the package

In the Application Workspace navigate to Manage > Packages and create a basic simple Custom type of package with a suggestive name, like SlimPDFreader (CIM App Attach).

Create a new Install-type action set that checks if the MSIX is already installed

Within the package, create an action set with the following configuration:

- Overview tab:
 - Type: Install
- Filters tab – Create a filter set and add a filter with:
 - Type: Windows App Installed
 - Package Family Name: SlimPDFreader_1.0.0.0_x64__x1a5e57jmrrvp
 - Exists: No

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Configure an action that creates a temp directory if one is not present

Within the Install action set, create an action with:

- General tab:
 - Type: Create directory
 - Name: e.g., Verify Temp Directory
 - Path: C:\Temp
- Advanced tab:
 - Context: Device
- Filters tab – Add a filter:
 - Type: Directory exists
 - Path: C:\Temp
 - Exists: Yes
 - Context: Device

Configure an action that uploads a directory to the Application Workspace Content Store and deploys it to a specified destination on devices

Within the Install action set, create an action with:

- General tab:
 - Type: Install uploaded directory
 - Name: e.g., Install uploaded directory
 - Path: \${Documents}\SlimPDFreader
 - Destination: C:\Temp\SlimPDFreader

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Configure an action that mounts a virtual disk to the specified app attach mount point

Within the Install action set, create an action with:

- General tab:
 - Type: Attach virtual disk
 - Virtual disk: C:\Temp\SlimPDFreader\SlimPDFreader.cim
 - Mount point: C:\Temp\appattach

Configure an action that stages a Windows app in-place from the mounted path without registering it

Within the Install action set, create an action with:

- General tab:
 - Type: Install Windows App
 - Name: Stage Windows app
 - Path: C:\Temp\appattach\apps\SlimPDFreader_1.0.0.0_x64__x1a5e57jmrrvp

Configure an action that registers the staged Windows app by specifying its Package Family Name

Within the Install action set, create an action with:

- General tab:
 - Type: Register Windows App
 - Package Family Name: SlimPDFreader_1.0.0.0_x64__x1a5e57jmrrvp

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Create a new Launch-type action set that launches the SlimPDFreader

Create an action set with:

- Overview tab:
 - Type: Launch

Within the Launch action set, create an action with:

- General tab:
 - Type: Start Windows App
 - Package Family Name: SlimPDFreader_1.0.0.0_x64__x1a5e57jmrrvp
 - Application Id: SlimPDFreader

Put the package from the Development stage to the production stage and Click **Confirm**. Within the package, navigate to **Entitlements** and provide an Active Directory or Entra group. In the **Add entitlement** dialog box, in **Publish**, select where you want to publish your package and click **Confirm**.