

Getting Started with App-V (Windows 10/11) - Microsoft Desktop Optimization Pack

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Applies to:

- Windows 10
- Windows 11

Important

The Windows App-V client is in fixed extended support. For more information, see [App-V client support](#).

Microsoft Application Virtualization (App-V) for Windows delivers Win32 applications to users as virtual applications. Virtual applications are installed on centrally managed servers and delivered to users as a service in real time and on an as-needed basis. Users launch virtual applications from familiar access points and interact with them as if they were installed locally.

Starting with Windows 10 version 1607, App-V is included with the [Windows 10 for Enterprise edition](#). If you're new to Windows client and App-V, you'll need to download, activate, and install server- and client-side components to start delivering virtual applications to users. To learn what you need to know before getting started with App-V, see the [Application Virtualization \(App-V\) overview](#).

If you're already using App-V, performing an in-place upgrade to Windows 10/11 on user devices automatically installs the App-V client and migrates users' App-V applications and settings. For more information about how to configure an existing App-V installation after upgrading user devices to Windows 10/11, see [Upgrading to App-V for Windows from an existing installation](#).

Important

You can upgrade your existing App-V installation to App-V for Windows from App-V versions 5.0 SP2 and higher only. If you are using an earlier version of App-V, you'll need to upgrade your existing App-V installation to App-V 5.0 SP2 before upgrading to App-V for Windows.

To learn more about previous versions of App-V, see [MDOP information experience](#).

Getting started with App-V for Windows (new installations)

To start using App-V to deliver virtual applications to users, you'll need to download, enable, and install server- and client-side components. The following table describes the App-V for Windows client components, what they do, and where to find them.

Component	What it does	Where to find it
App-V server components	<p>App-V offers five server components that work together to allow you to host and publish virtual applications, generate usage reports, and manage your App-V environment. For more information, see Deploying the App-V Server.</p> <p>If you're already using App-V 5.x, you don't need to redeploy the App-V server components, as they haven't changed since App-V 5.0's release.</p>	<p>The App-V server components are included in the Microsoft Desktop Optimization Pack (MDOP) 2015 ISO package that can be downloaded from the following locations:</p> <p>If you have a Microsoft Visual Studio subscription, use the Visual Studio subscriptions site to download the MDOP ISO package.</p> <p>If you're using Windows client for Enterprise or Education, download it from the Microsoft M365 admin center.</p> <p>For more information about installing and using the server components, see Deploying the App-V Server.</p>
App-V client and App-V Remote Desktop Services (RDS) client	<p>The App-V client is the component that runs virtualized applications on user devices, allowing users to interact with icons and file names to start virtualized applications.</p>	<p>Starting with Windows 10 version 1607, the App-V client is automatically installed.</p> <p>To learn how to enable the client, see Enable the App-V desktop client.</p>
App-V sequencer	<p>Use the App-V sequencer to convert Win32 applications into virtual packages for deployment to user devices. Devices must run the App-V client to allow users to interact with virtual applications.</p>	<p>Installed with the Windows Assessment and Deployment kit (ADK) for Windows client.</p>

For more information about these components, see [High Level Architecture for App-V](#).

If you're new to App-V, it's a good idea to read the documentation thoroughly. Before deploying App-V in a production environment, you can ensure installation goes smoothly by validating your deployment plan in a test

network environment. You might also consider taking a class about relevant technologies.

Getting started with App-V

[What's new in App-V](#) provides a high-level overview of App-V and how it can be used in your organization?

[Evaluating App-V](#) provides information about how you can best evaluate App-V for use in your organization.

[High Level Architecture for App-V](#) provides a description of the App-V features and how they work together.

Other resources for this product

- [Application Virtualization \(App-V\) overview](#)
- [Operations for App-V](#)

Source: <https://learn.microsoft.com/en-us/windows/application-management/app-v/appv-getting-started>