

Learn

Discover ∨

Product documentation ∨

Development languages ~

Sign in

Windows

Release health Windows client V

Application developers ∨

Hardware developers ∨ Windows Server Windows for IoT Windows Insider Program More ∨

Filter by title

Application Control for Windows

→ About application control for Windows

About application control for Windows

App Control and AppLocker Overview

App Control and AppLocker Feature Availability

Virtualization-based protection of code integrity

- > Design guide
- ∨ Deployment guide

Deployment guide

Deploy App Control policies with MDM

Deploy App Control policies with Configuration Manager

Deploy App Control policies with script

Deploy App Control policies with group policy

Audit App Control policies

Merge App Control policies

Enforce App Control policies

> Use code signing for added control and protection with App Control

Disable App Control policies

- > Operational guide
- > Appld Tagging guide
- > AppLocker

Learn / Windows / Security /



Deploy App Control for Business policies by using Group Policy

Article • 10/01/2024 • 1 contributor •

✓ Windows 11, ✓ Windows 10, ✓ Windows Server 2025, ✓ Windows Server 2022, ✓ Windows Server Applies 2019, Windows Server 2016

Feedback

① Note

Some capabilities of App Control for Business are only available on specific Windows versions. Learn more about App Control feature availability.

(i) Important

Due to a known issue, you should always activate new signed App Control Base policies with a reboot on systems with <u>memory integrity</u> enabled. Instead of Group Policy, deploy new signed App Control Base policies via script and activate the policy with a system restart.

This issue does not affect updates to signed Base policies that are already active on the system, deployment of unsigned policies, or deployment of supplemental policies (signed or unsigned). It also does not affect deployments to systems that are not running memory integrity.

Single-policy format App Control for Business policies (pre-1903 policy schema) can be easily deployed and managed with Group Policy.

(i) Important

Group Policy-based deployment of App Control for Business policies only supports single-policy format App Control policies. To use App Control on devices running Windows 10 1903 and greater, or Windows 11, we recommend using an alternative method for policy deployment.

You should now have an App Control policy converted into binary form. If not, follow the steps described in Deploying App Control for Business policies.

The following procedure walks you through how to deploy an App Control policy called SiPolicy.p7b to a test OU called App Control Enabled PCs by using a GPO called Contoso GPO Test.

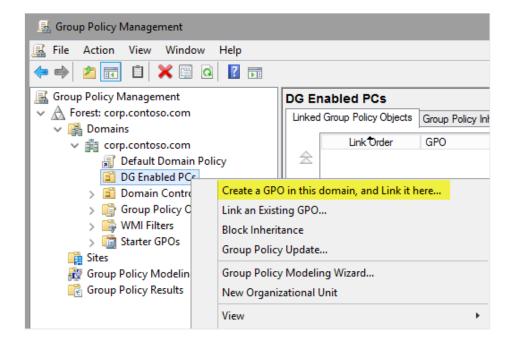
To deploy and manage an App Control for Business policy with Group Policy:

- 1. On a client computer on which RSAT is installed, open the GPMC by running GPMC.MSC
- 2. Create a new GPO: right-click an OU and then select Create a GPO in this domain, and Link it here.

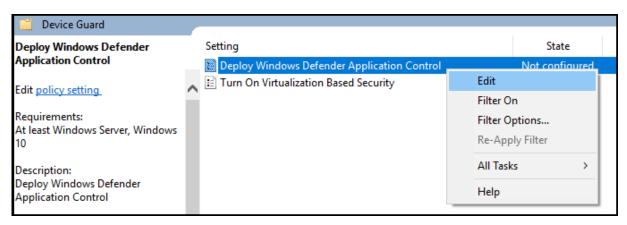
① Note

You can use any OU name. Also, security group filtering is an option when you consider different ways of combining App Control policies (or keeping them separate), as discussed in Plan for App Control for Business lifecycle policy management.

Download PDF



- 3. Name the new GPO. You can choose any name.
- 4. Open the Group Policy Management Editor: right-click the new GPO, and then select Edit.
- 5. In the selected GPO, navigate to Computer Configuration\Administrative Templates\System\Device Guard. Right-click **Deploy App Control for Business** and then select **Edit**.

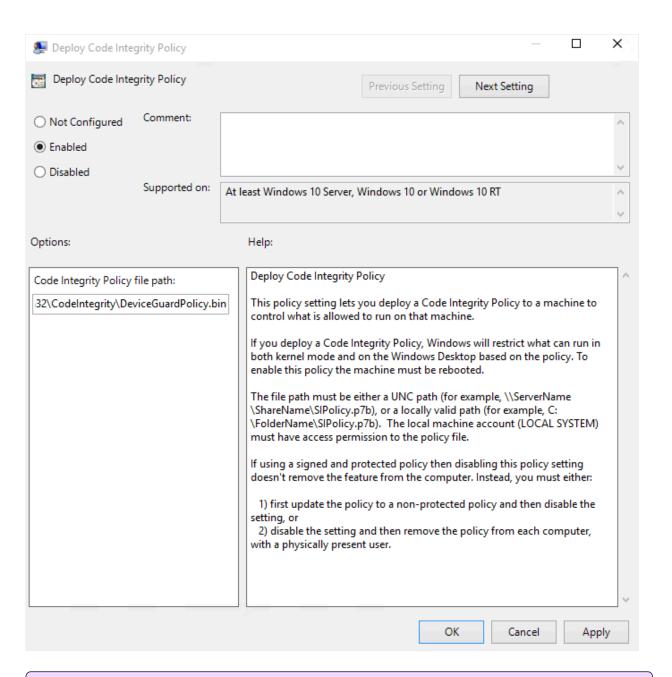


6. In the **Deploy App Control for Business** dialog box, select the **Enabled** option, and then specify the App Control policy deployment path.

In this policy setting, you specify either the local path where the policy will exist on each client computer or a Universal Naming Convention (UNC) path that the client computers will look to retrieve the latest version of the policy. For example, the path to SiPolicy.p7b using the steps described in Deploying App Control for Business policies would be %USERPROFILE%\Desktop\SiPolicy.p7b.

① Note

This policy file does not need to be copied to every computer. You can instead copy the App Control policies to a file share to which all computer accounts have access. Any policy selected here is converted to SIPolicy.p7b when it is deployed to the individual client computers.



① Note

You may have noticed that the GPO setting references a .p7b file, but the file extension and name of the policy binary do not matter. Regardless of what you name your policy binary, they are all converted to SIPolicy.p7b when applied to the client computers running Windows 10. If you are deploying different App Control policies to different sets of devices, you may want to give each of your App Control policies a friendly name and allow the system to convert the policy names for you to ensure that the policies are easily distinguishable when viewed in a share or any other central repository.

7. Close the Group Policy Management Editor, and then restart the Windows test computer. Restarting the computer updates the App Control policy.

Feedback

Was this page helpful? Yes **♡** No

Provide product feedback ☑

Additional resources

Module

Implement Group Policy Objects - Training

Implement Group Policy Objects

Certification

Microsoft 365 Certified: Endpoint Administrator Associate - Certifications

Plan and execute an endpoint deployment strategy, using essential elements of modern management, co-management approaches, and Microsoft Intune integration.

Deploy App Control policies via Group Policy | Microsoft Learn - 14/03/2025 18:18 https://learn.microsoft.com/en-us/windows/security/application-security/application-control/app-control-for-business/deployment/deploy-appcontrol-policies-using-group-policy

Manage cookies Previous Versions Blog ☑ Contribute Privacy ☑ Terms of Use Trademarks ☑ © Microsoft 2025