Windows Defender Security Center Updates

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Introduction and Agenda

Welcome

The Windows Defender Security Center makes it easy for you to view and manage your security settings and the health of your device in a single location. This session will cover several new security changes including new pillars made available in the Windows 10 April 2018 Update.

Agenda:

Windows Defender Security Center updates Introduction to new protection pillars Windows Security Settings changes

Windows Defender Security Center in Windows 10 April 2018 Update

In this release, new security features are introduced

New changes to: Virus & threat protection

New pillars added: Account protection Device security

| Home Virus & threat protection Account protection Firewall & network protection App & browser control Device security Device performance & health | Security at See what's happening with and take any actions neede | the security and health of your | | | [] | |
|---|---|---|---|--|--------------------------------------|--|
| Virus & threat protection Account protection Firewall & network protection App & browser control Device security | See what's happening with | the security and health of your | | | [] | |
| Device security | | 2 | (0) | _ | | ~~ |
| 希 Family options | Virus & threat protection No action needed. Family options Manage how your family uses their devices. | Account protection No action needed. | Firewall & network protection No action needed. | App & browser control No action needed. | Device security No action needed. | Device performance & health No action needed. |
| 🔅 Settings | | | | | | |

Goal: Users don't have to be a security expert to manage Windows Security

Virus & Threat Protection Ransomware protection Controlled folder access

Ransomware Protection

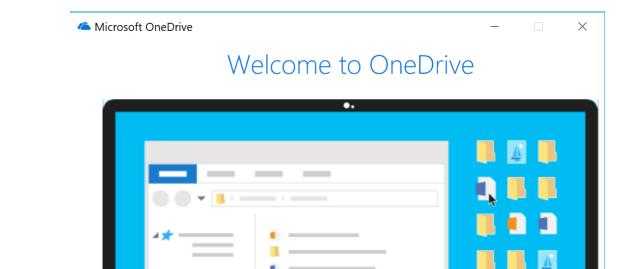
Backup your files for when you need them

You can access files from any device or recover files in case of malware or if your device is lost or stolen.

You can easily sign in using a Microsoft Account.

Saving files is easy

It's as simple as dragging files to the OneDrive folder.



To add items, drag them into the OneDrive folder.

Controlled Folder Access has Moved Under the Virus & threat protection pillar

In this release, we moved the Controlled folder access to the Ransomware protection area for easier discovery.

When you turn on this feature, you can add additional protected folders or apps that you trust to allow on your device.

Windows Defender Security Cente

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- 🟠 Home
- ♥ Virus & threat protection
- Account protection
- (1) Firewall & network protection
- App & browser control
- Device security
- Solution Device performance & health
- 😤 Family options

Ransomware protection

Protect your files against threats like ransomware, and see how to restore files in case of an attack.

Controlled folder access

Protect files, folders, and memory areas on your device from unauthorized changes by unfriendly applications.



Protected folders

Allow an app through Controlled folder access

慾 Settings

New Protection Pillars Account protection Device security

Account Protection

Sign in to Microsoft

You can use your MSA account for faster sign in. (Note: The Microsoft Account section is intended for consumer accounts)

Windows Hello

Windows Security options for a faster and more secure sign-in. This works on Windows 10 devices using fingerprint or facial recognition. Only devices that support Windows Hello can be configured.

Dynamic lock

Windows will automatically lock when any of your paired devices go out of range.

← Windows Defender Security Center

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🔂 Home

◯ Virus & threat protection

Account protection

- (1) Firewall & network protection
- App & browser control
- Device security
- $\ensuremath{\mathfrak{S}}$ Device performance & health
- 😤 Family options

$\ensuremath{\,\mathbb{R}}$ Account protection

Security for your account and sign-in.

Sign in to Microsoft
 You are signed in to Microsoft, giving you access to enhanced security.
 Account: Someone@example.com
 View your account info
 Learn more

Solution Windows Hello Windows Hello is set up for faster and more secure sign-in.

Manage sign-in options

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Dynamic lock settings

慾 Settings

Device Security

Provides a way to easily identify the security state of your device

Core isolation

Virtualization based security is running Memory integrity to protect your device

Security processor

Security processor runs TPM that provides additional encryption for your device

Secure boot

Prevents malicious software from loading on your device during start up.

 \leftarrow Windows Defender Security Center

Virus & threat protection

(1) Firewall & network protection

➢ Device performance & health

Account protection

App & browser control

□ Device security

👧 Family options

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므 Device security

Security that comes built into your device.

Core isolation

Virtualization-based security is running to protect the core parts of your device.

Core isolation details

Security processor

Your security processor, called the trusted platform module (TPM), is providing additional encryption for your device.

Security processor details

🖒 Secure boot

Secure boot is on, preventing malicious software from loading when your device starts up.

Learn more

Your device meets the requirements for standard hardware security.

Learn more

慾 Settings

Device Security Score

Indicates if your device is a standard or enhanced security device

You can click on the Learn more link at the bottom of the page to determine if your device meets the standard or enhanced requirements for hardware security. Windows Defender Security Center

Virus & threat protection

(p) Firewall & network protection

➢ Device performance & health

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App & browser control

□ Device security

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왕 Settings

Windows Defender Security Center Shortcuts & Settings

Windows Defender Security Center Icon Systray Shortcuts

Right-click on the shield in the systray

New shortcuts are made available for quick actions

You can choose to: Run a quick scan on your device Check for new protection updates View your notifications options and customize them Quickly open the Windows Defender Security Center

| Run quick scan | | | | |
|------------------------------|----------|---|---|-----|
| Check for protection updates | | | | |
| View notification options | | | | |
| View security dashboard | | | | |
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Customize Your Notifications

Virus & threat protection

You can select which types of security notifications you want to receive: Recent activity and scan results Threats found, but no risk Files or activities that are blocked

Account protection

You can get notified if there is a problem with your Dynamic Lock protections.

| ÷ | Windows Defender Security Center | | |
|--------------|----------------------------------|--|--------------------|
| = | | 毯 Settings | |
| | Home | Windows Defender Security Center will send notifications with critical information about the health and security of your device. You can specify | Community About |
| 0 | Virus & threat protection | which informational notifications you want. | Privacy stater |
| 8 | Account protection | | Privacy settin |
| (p) | Firewall & network protection | Virus & threat protection notifications | Feedback |
| | App & browser control | Get informational notifications | |
| ⊒ | Device security | On On | |
| Ş | Device performance & health | Recent activity and scan results | |
| æ | Family options | Threats found, but no immediate action is needed | |
| XA | | Files or activities are blocked | |
| | | Virus & threat protection settings | |
| | | Account protection notifications | |
| | | Notify me when there are problems with Dynamic Lock | |
| | | On | |
| | | | |
| | | Windows Defender Firewall notifications | |
| ŝ | Settings | Notify me when Windows Defender Firewall blocks a new app | |
| ** | | Off | |

Windows Security Settings

Windows Security Settings Changes

Update & Security

On the search pane type, Settings It will open the Windows Settings Click on Update & Security

Windows Security

Click on Windows Security (previously shown as Windows Defender) and Windows Security gives you the ability to quickly open the Windows Defender Security Center or select and jump to any of the individual protection areas.

| ← Settings | | - 0 |
|--------------------------------|---|--|
| 命 Home | Windows Security | |
| Find a setting | Windows Defender Security Center is your home to view and | Keep your PC safe |
| Update & Security | manage the security and health of your device. Open Windows Defender Security Center | Windows Defender Security Center has options to help protect your family online, maintain your device' |
| Ĉ Windows Update | Protection areas | health, run periodic scans, manage your threat-protection settings, and more. |
| Windows Security | Virus & threat protection Protection for your device against threats. | Get more info about Windows Defender Security Center |
| ↑ Backup ⑦ Troubleshoot | Account protection Security for your account and sign-in. | Have a question? Get help |
| S Recovery | (r) Firewall & network protection Who and what can access your network. | |
| Activation | App & browser control App protection and online security. | Make Windows better Give us feedback |
| 泴 Find my device | Device security Security that comes built into your device. | |
|)# For developers | Device performance & health | |
| 茵 Windows Insider Program | Reports on the health of your device. Family options Manage how your family uses their device. | |



Articles on the Windows Defender Security Center

Introducing Windows Defender Security Center The Windows Defender Security Center app Protect my device with Windows Defender Security Center Virus & threat protection in Windows Defender Security Center Windows Defender Security Center Comprehensive-security



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<u>Contact us</u> with your questions and comments.