

Vulnerability Scan: Check if your PC is vulnerable to hackers

This article shows how to use Bitdefender Vulnerability Scan to find out if your computer has security vulnerabilities that can lead to remote, unauthorized access, data theft, or malicious attacks.

An important step in protecting your computer against malicious actions and apps is to keep the operating system and the apps you regularly use up to date. Moreover, to prevent unauthorized physical access to your computer, strong passwords that cannot be easily guessed must be configured for each Windows user account and for the Wi-Fi networks you connect to as well. These are system vulnerabilities that can be exploited by cyberattacks to gain or perform unauthorized actions on a computer.

Video

- Bitdefender's Vulnerability Scanner: Close Security Gaps in Your PC

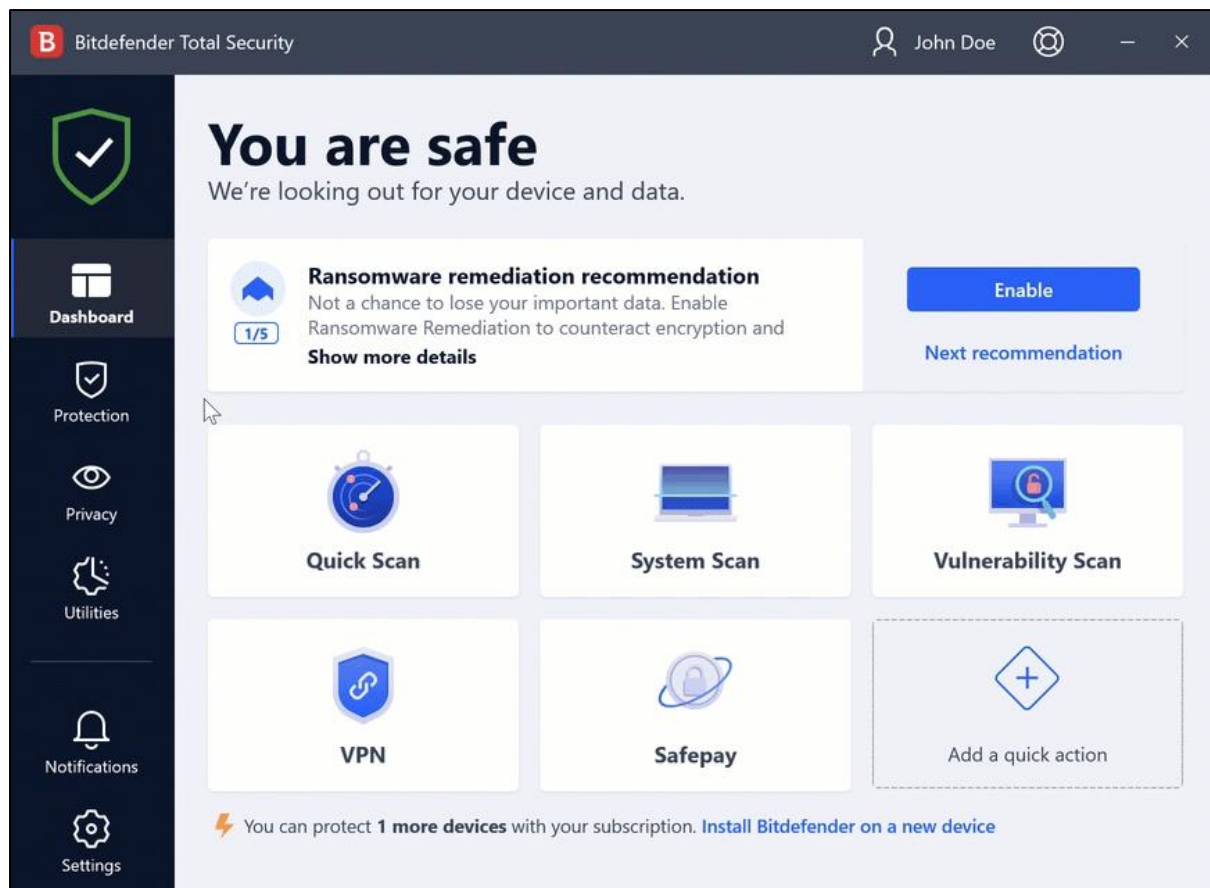
How to run a Vulnerability Scan

Bitdefender automatically checks your computer for vulnerabilities and alerts you about them. You should check and fix system vulnerabilities every one or two weeks.

① **Note:** To detect system vulnerabilities, Bitdefender requires an active Internet connection.

To manually scan your system for vulnerabilities:

1. Click **Protection** on the left sidebar of the Bitdefender interface.
2. In the **VULNERABILITY** pane, click **Open**.
3. In the **Vulnerability Scan** tab click **Start Scan**, then wait for Bitdefender to check your system for vulnerabilities.



The detected vulnerabilities will be grouped into three categories:

- Operating system
- Applications
- Network

Click to expand, learn more, and resolve vulnerabilities found by Bitdefender.

Operating System vulnerabilities

Operating System Security

Altered system settings that may compromise your device and data, such as not displaying warnings when executed files perform changes on your system without your permission or when MTP devices such as phones or cameras connect and execute different operations without your knowledge.

Critical Windows updates

A list of critical Windows updates that are not installed on your computer is displayed. A system restart may be required to allow Bitdefender to finish the installation. Please note that it may take a while to install the updates.

Weak Windows accounts

You can see the list of the Windows user accounts configured on your device and the level of protection their password provides. You can choose between asking the user to change the password at the next login or changing the password yourself immediately. To set a new password for your system, select Change the password now. To create a strong password, we recommend you use a combination of uppercase and lowercase letters, numbers, and special characters (such as #, \$, or @).

Applications vulnerabilities

Browser Security

Change upon your device's settings that allow the execution of files and programs downloaded via Internet Explorer without an integrity validation, which may lead to your device being compromised.

Application updates

To see information about the app that needs to be updated, click its name from the list. If an app is not up to date, click Download New Version to install the latest version.

Network vulnerabilities

Network & Credentials

Altered system settings such as automatically connecting to open hotspot networks without your knowledge or not enforcing encryption on the outgoing secure channel traffic.

Wi-Fi networks & routers

To find out more about the wireless network and router you are connected to, click its name from the list. If it is recommended to set a stronger password for your home network, make sure that you follow our instructions, so that you can stay connected without worrying about your privacy. When other recommendations are available, follow the provided instructions to make sure your home network stays safe from the hackers' prying eyes.