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Advanced PortChecker

Help documentation

DeadLine
CODEDEAD

Table of contents

1. Introduction

Advanced PortChecker was created by DeadLine. This software can be used to determine whether a certain TCP/IP port is open for connections. This software was and will always be, available free of charge. This software is not intended for malicious use. Make sure that you have permission before scanning a certain IP address!

1.2 Notes

All images used by Advanced PortChecker were created by:
paomedia – Small & Flat
https://github.com/paomedia

The theme was created by Syncfusion:
https://www.syncfusion.com/

2. System requirements

Operating System	Windows 7 SP1 (x86 and x64), Windows 8.1 (x86 and x64), Windows 10 (x86 and x64), Windows Server 2008 R2 SP1 (x64), Windows Server 2012 (x64), Windows Server 2012 R2 (x64), Windows Server 2016 (x64)
Disk space	At least 40 MB disk space
RAM Memory	At least 80 MB RAM memory
Internet connection	Required in order to check for updates. This function can be turned off.
.NET Framework	.NET Framework 4.8

3. License

Advanced PortChecker is licensed under the GNU GENERAL PUBLIC LICENSE.

4. Support

If you need support, feel free to fill out the contact form on our website:
https://codedead.com/?page_id=145

Please add a screenshot of your issue if possible.

5. Website

You can find us on the web by clicking on the link below:
https://codedead.com

6. General warning

Advanced PortChecker can be used to scan for open ports. It is highly recommended to consult your local laws and information regarding remote port scanning (if applicable) before using this software.

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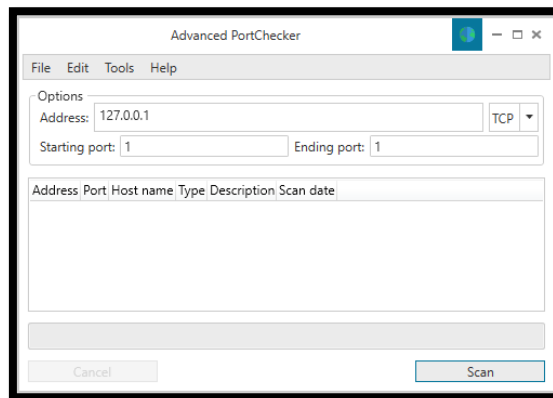
7. General functionality

Figure 1 Main window

Advanced PortChecker can be used to identify which ports are open for connections on a local or remote address. It is highly recommended that you get the approval of a remote network address before scanning this address.

You can scan both TCP and UDP ports to check if they allows connections. It's also possible to scan both TCP and UDP ports at the same time! Real time scanning information will be displayed in the graphical user interface. If resolvable, the host name will also be displayed in the user interface.

The result of a port scan can be exported in the following formats:

- Text
- HTML
- CSV
- CSV (Excel delimiter)
- A scan result can also be copied to the clipboard.

The UDP port scanning method that is implemented by Advanced PortChecker is generally not indicative of an open/closed port. This is because Advanced PortChecker sends a random set of bytes to the given port using UDP. The server may choose to ignore these packets and not send a response at all, which Advanced PortChecker will indicate as a closed port, while it could be open. This is also why performing the same scan multiple times might give different results, in combination with the way UDP works.
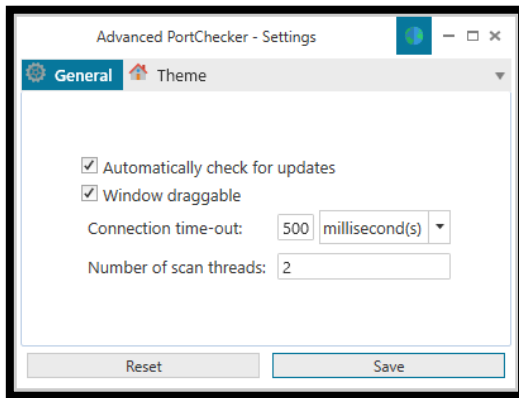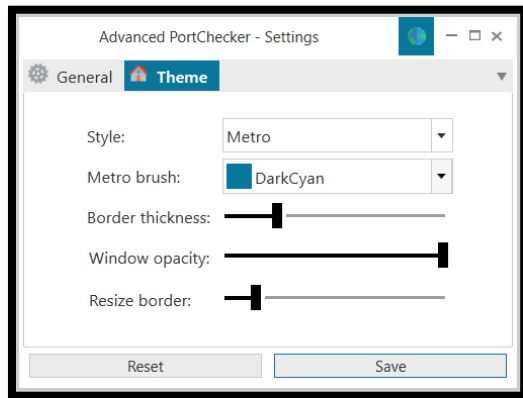
4

7.2 Settings

Figure 2 General settings

Figure 3 Theme settings

Advanced PortChecker offers a set of features that can be tweaked. Automatic updates, for example, can be turned off but keep in mind that doing so will prevent you from receiving a notification if a new version is available. You will have to perform update checks manually in order to know whether or not a new version is available.

The connection time-out setting can be used to speed up or slow down port scanning. Your system will determine that a port is closed after the time-out limit has been reached and no connection could be established. Please note that setting the connection time-out too low might also cause Advanced PortChecker to falsely indicate that a port is closed.

Advanced PortChecker can also work multithreaded. This means that the ports that need to be scanned will be divided among the given set of threads. Scanning using multiple threads can significantly reduce the amount of time it takes to perform a port scan. Please note that using too many threads to perform a scan can negatively impact the performance of the application and even your system!

The theme settings allow you to change certain GUI options, such as the ability to:

- Change the application style
- Change the metro brush color
- Change the border thickness
- Change the window opacity
- Change the window resize border

8. F.A.Q.

8.2 I am unable to open the application, what could be wrong?

Please make sure that your system is capable of running Advanced PortChecker by taking a look at the system requirements section of this document. It is very important to have the latest version of the .NET Framework installed on your machine. For this application, we require at least the .NET Framework 4.8 to be installed.

8.3 The application crashed, what can I do?

It is certainly not intended to crash! If it does happen, please send us an e-mail with details about the crash such as:

- What action makes it crash
- A screenshot
- Your system specifications

8.4 How much does Advanced PortChecker cost?

Nothing! It's absolutely free. If you paid for it, you should ask for your money back. The official site for Advanced PortChecker is:

https://codedead.com/

8.5 Where can I download Advanced PortChecker?

You can download it on the official website:

https://codedead.com/

8.6 How can I contact the developers if I have a question or need support?

You can contact us by filling in the form on our website:

https://codedead.com/?page_id=145

8.7 Can I take a look at the source code behind Advanced PortChecker?

Absolutely. Advanced PortChecker is an open-source tool. You can find the source code on GitHub:

https://github.com/CodeDead/Advanced-PortChecker

8.8 Why does my antivirus warn me about Advanced PortChecker?

It's possible that your antivirus falsely identifies our software as malware. This is known as a false positive. If this happens, please contact your antivirus support service in order to unblock Advanced PortChecker.

Alternatively, you could also add an exception to your antivirus filter for Advanced PortChecker if this is supported by your antivirus solution.

9. Figure list