

TCPView v4.18

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By Mark Russinovich

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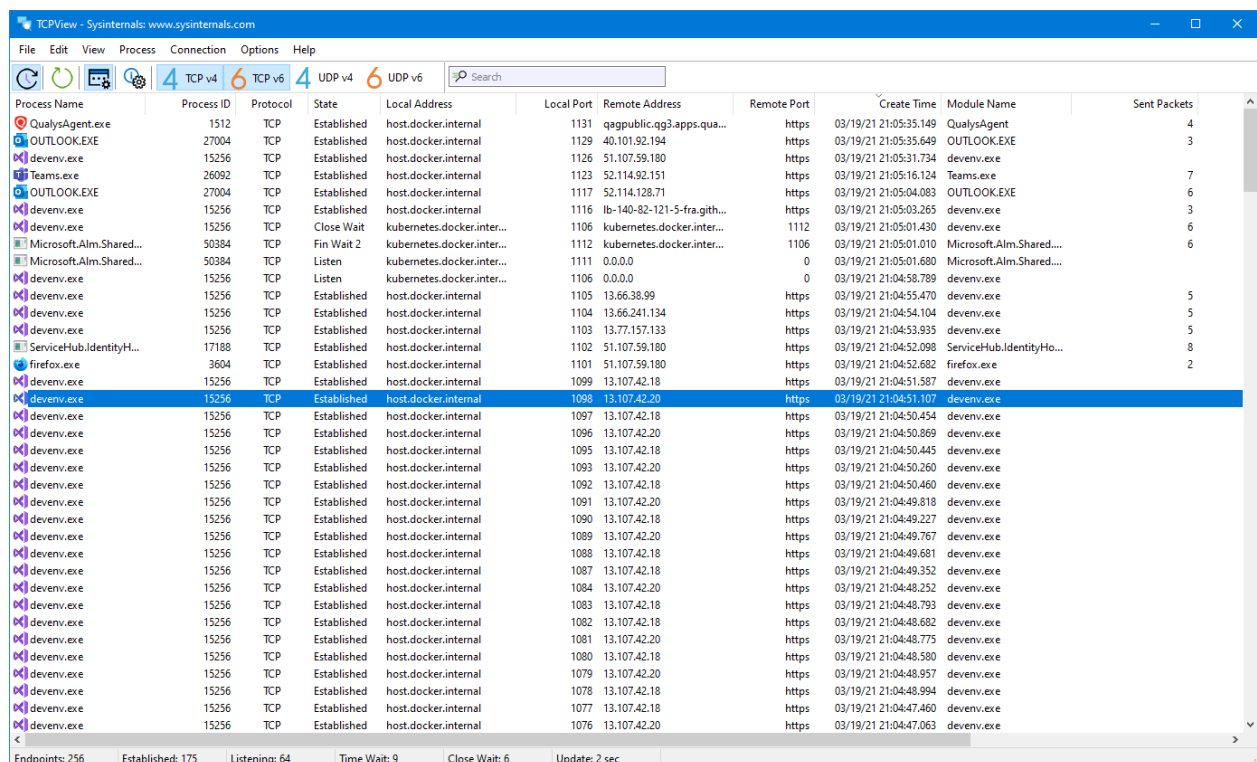


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Introduction

TCPView is a Windows program that will show you detailed listings of all TCP and UDP endpoints on your system, including the local and remote addresses and state of TCP connections. On Windows Server 2008, Vista, and XP, TCPView also reports the name of the process that owns the endpoint. TCPView provides a more informative and conveniently presented subset of the Netstat program that ships with Windows. The TCPView download includes Tcpcvcon, a command-line version with the same functionality.



Process Name	Process ID	Protocol	State	Local Address	Local Port	Remote Address	Remote Port	Create Time	Module Name	Sent Packets
QualysAgent.exe	1512	TCP	Established	host.docker.internal	1131	qagpublic.qg3.apps.q...	https	03/19/21 21:05:35.149	QualysAgent	4
OUTLOOK.EXE	27004	TCP	Established	host.docker.internal	1129	40.101.92.194	https	03/19/21 21:05:35.649	OUTLOOK.EXE	3
devenv.exe	15256	TCP	Established	host.docker.internal	1126	51.107.59.180	https	03/19/21 21:05:31.734	devenv.exe	
Teams.exe	26092	TCP	Established	host.docker.internal	1123	52.114.92.151	https	03/19/21 21:05:16.124	Teams.exe	7
OUTLOOK.EXE	27004	TCP	Established	host.docker.internal	1117	52.114.128.71	https	03/19/21 21:05:04.083	OUTLOOK.EXE	6
devenv.exe	15256	TCP	Established	host.docker.internal	1116	lb-140-82-121-5-fra.gith...	https	03/19/21 21:05:03.265	devenv.exe	3
devenv.exe	15256	TCP	Close Wait	kubernetes.docker.inter...	1112	kubernetes.docker.inter...	1112	03/19/21 21:05:01.430	devenv.exe	6
Microsoft.Alm.Shared...	50384	TCP	Fin Wait 2	kubernetes.docker.inter...	1112	kubernetes.docker.inter...	1106	03/19/21 21:05:01.010	Microsoft.Alm.Shared...	6
Microsoft.Alm.Shared...	50384	TCP	Listen	kubernetes.docker.inter...	1111	0.0.0.0	0	03/19/21 21:05:01.680	Microsoft.Alm.Shared...	
devenv.exe	15256	TCP	Listen	kubernetes.docker.inter...	1106	0.0.0.0	0	03/19/21 21:04:58.789	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1105	13.66.38.99	https	03/19/21 21:04:55.470	devenv.exe	5
devenv.exe	15256	TCP	Established	host.docker.internal	1104	13.66.241.134	https	03/19/21 21:04:54.104	devenv.exe	5
devenv.exe	15256	TCP	Established	host.docker.internal	1103	13.77.157.133	https	03/19/21 21:04:53.935	devenv.exe	5
ServiceHub.IdentityH...	17188	TCP	Established	host.docker.internal	1102	51.107.59.180	https	03/19/21 21:04:52.098	ServiceHub.IdentityHo...	8
firefox.exe	3604	TCP	Established	host.docker.internal	1101	51.107.59.180	https	03/19/21 21:04:52.682	firefox.exe	2
devenv.exe	15256	TCP	Established	host.docker.internal	1099	13.107.42.18	https	03/19/21 21:04:51.587	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1098	13.107.42.20	https	03/19/21 21:04:51.107	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1097	13.107.42.18	https	03/19/21 21:04:50.454	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1096	13.107.42.20	https	03/19/21 21:04:50.869	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1095	13.107.42.18	https	03/19/21 21:04:50.445	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1093	13.107.42.20	https	03/19/21 21:04:50.260	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1092	13.107.42.18	https	03/19/21 21:04:50.460	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1091	13.107.42.20	https	03/19/21 21:04:49.818	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1090	13.107.42.18	https	03/19/21 21:04:49.227	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1089	13.107.42.20	https	03/19/21 21:04:49.767	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1088	13.107.42.18	https	03/19/21 21:04:49.681	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1087	13.107.42.18	https	03/19/21 21:04:49.352	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1084	13.107.42.20	https	03/19/21 21:04:48.252	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1083	13.107.42.18	https	03/19/21 21:04:48.793	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1082	13.107.42.18	https	03/19/21 21:04:48.682	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1081	13.107.42.20	https	03/19/21 21:04:48.775	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1080	13.107.42.18	https	03/19/21 21:04:48.580	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1079	13.107.42.20	https	03/19/21 21:04:48.957	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1078	13.107.42.18	https	03/19/21 21:04:48.994	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1077	13.107.42.18	https	03/19/21 21:04:47.460	devenv.exe	
devenv.exe	15256	TCP	Established	host.docker.internal	1076	13.107.42.20	https	03/19/21 21:04:47.063	devenv.exe	

Endpoints: 256 Established: 175 Listening: 64 Time Wait: 9 Close Wait: 6 Update: 2 sec

Using TCPView

When you start TCPView it will enumerate all active TCP and UDP endpoints, resolving all IP addresses to their domain name versions. You can use a toolbar button or menu item to toggle the display of resolved names. TCPView shows the name of the process that owns each endpoint, including the service name (if any).

By default, TCPView updates every second, but you can use the **Options|Refresh Rate** menu item to change the rate. Endpoints that change state from one update to the next are highlighted in yellow; those that are deleted are shown in red, and new endpoints are shown in green.

You can close established TCP/IP connections (those labeled with a state of ESTABLISHED) by selecting **File|Close Connections**, or by right-clicking on a connection and choosing **Close Connections** from the resulting context menu.

You can save TCPView's output window to a file using the **Save** menu item.

Using Tcpvcon

Tcpvcon usage is similar to that of the built-in Windows netstat utility:

Usage:

Shell

```
tcpvcon [-a] [-c] [-n] [process name or PID]
```

Parameter	Description
-a	Show all endpoints (default is to show established TCP connections).
-c	Print output as CSV.
-n	Don't resolve addresses.



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Runs on:

- Client: Windows 8.1 and higher.
- Server: Windows Server 2012 and higher.