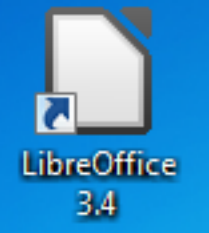


How to Configure Windows 7 Professional Firewall Log.

This presentation will show how to configure the Windows 7 Firewall log to record dropped packets.

Preuss

2/9/2012



We need to logon to Windows 7 Professional. You will need administrative priviledges to perform this howto.





- Getting Started
 - Connect to a Projector
 - Calculator
 - Sticky Notes
 - Snipping Tool
 - Paint
 - Notepad
 - XPS Viewer
 - Windows Fax and Scan
 - Computer Management
 - All Programs
- Search programs and files

- Documents
 - Pictures
 - Music
 - Computer
 - Control Panel
 - Devices and Printers
 - Default Programs
 - Help and Support
- Shut down



Please double click on the Control Panel option.





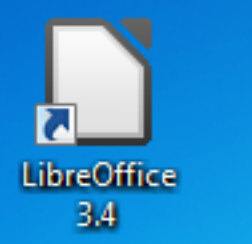
Control Panel > All Control Panel Items > Search Control Panel

Adjust your computer's settings View by: Small icons

- Action Center
- Administrative Tools
- AutoPlay
- Backup and Restore
- Color Management
- Credential Manager
- Date and Time
- Default Programs
- Desktop Gadgets
- Display
- Folder Options
- HomeGroup
- Java (32-bit)
- Mouse
- Parental Controls
- Phone and Modem
- Recovery
- Region and Language
- RemoteApp and Desktop Connections
- Sound
- Speech Recognition
- Sync Center
- System
- Taskbar and Start Menu
- Troubleshooting
- User Accounts
- VMware Tools
- Windows Anytime Upgrade
- Windows CardSpace
- Windows Defender
- Windows Firewall
- Windows Update

Please double click on the Administrative Tools.





Administrative Tools

Name	Date modified	Type	Size
Component Services	7/13/2009 11:57 PM	Shortcut	2 KB
Computer Management	7/13/2009 11:54 PM	Shortcut	2 KB
Data Sources (ODBC)	7/13/2009 11:53 PM	Shortcut	2 KB
Event Viewer	7/13/2009 11:54 PM	Shortcut	2 KB
iSCSI Initiator	7/13/2009 11:54 PM	Shortcut	2 KB
Local Security Policy	8/5/2011 2:48 PM	Shortcut	2 KB
Performance Monitor	7/13/2009 11:53 PM	Shortcut	2 KB
Print Management	8/5/2011 3:55 PM	Shortcut	2 KB
System	7/13/2009 11:54 PM	Shortcut	2 KB
System Restore	7/13/2009 11:53 PM	Shortcut	2 KB
System with Advanced Security	7/13/2009 11:54 PM	Shortcut	2 KB
System Diagnostic	7/13/2009 11:53 PM	Shortcut	2 KB
System Shell Modules	7/14/2009 12:32 AM	Shortcut	3 KB

14 items

Please double click on the Local Security Policy.

Local Security Policy

File Action View Help

- Security Settings
 - Account Policies
 - Local Policies
 - Audit Policy
 - User Rights Assignment
 - Security Options
 - Windows Firewall with Advanced Security
 - Windows Firewall with Advanced Security
 - Network List Manager Policies
 - Public Key Policies

Policy	Security Setting
Audit account logon events	No auditing
Audit account management	Success, Failure
Audit directory service access	No auditing
Audit logon events	Success, Failure
Audit object access	Failure
Audit policy change	Success, Failure
Audit privilege use	Success, Failure
Audit process tracking	No auditing
Audit system events	No auditing

Please click on Windows Firewall with Advance Security

Administrative Tools

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Local Security Policy Date modified: 8/5/2011 2:48 PM Date created: 8/5/2011 2:48 PM

Shortcut Size: 1.21 KB

Local Security Policy

File Action View Help



- Security Settings
 - Account Policies
 - Local Policies
 - Audit Policies
 - User Rights
 - Security Options
 - Windows Firewall
 - Windows Firewall with Advanced Security
 - Network Location Settings
 - Public Key Certificates
 - Software Restrictions

Please click on Windows Firewall with Advance Security. It will show the window to the right.

Windows Firewall with Advanced Security provides network security for Windows computers.

Overview

Domain Profile

Windows Firewall state is not configured.

Private Profile

Windows Firewall state is not configured.

Public Profile

Windows Firewall state is not configured.

[Windows Firewall Properties](#)

Getting Started

Authenticate communications between computers

to specify how and when connections between computers are authenticated and protect network communications using Internet Protocol security (IPsec).

All rules

block connections to specified programs or ports. You can also allow a connection only if it is initiated by an authorized user, group, or computer. By default, inbound connections are blocked.

Please click on the Windows Firewall Properties.



Local Security Policy Date modified: 8/5/2011 2:48 PM Date created: 8/5/2011 2:48 PM
Shortcut Size: 1.21 KB

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The screenshot shows the Windows Firewall configuration dialog box with the 'Public Profile' tab selected. A yellow callout box with a black border and an arrow pointing to the 'Public Profile' tab contains the following text:

We may configure the firewall log for each Profile. This presentation will only configure the Public Profile. You may need to configure other Profiles.

The dialog box also shows the 'Private Profile' and 'IPsec Settings' tabs, and includes 'Customize...' buttons for each profile.

We may configure the firewall log for each Profile. This presentation will only configure the Public Profile. You may need to configure other Profiles.

The screenshot shows a file explorer window with a list of files. The table below represents the visible data in the window:

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Local Security Policy Date modified: 8/5/2011 2:48 PM Date created: 8/5/2011 2:48 PM
Shortcut Size: 1.21 KB

Local Security Policy

File Action View Help

Security Settings

- Account Policy
- Local Policies
 - Audit Policy
 - User Rights
 - Security Options
- Windows Firewall
 - Windows Firewall with Advanced Security
- Network List Manager Policies
- Public Key Policies
- Software Restrictions Policies
- Application Control Policies
- IP Security Policies
- Advanced Audit Policies

Overview

Windows Firewall with Advanced Security provides network security for Windows computers.

Domain Profile

Private Profile

Public Profile

Getting Started

Authenticate connections

View and create firewall rules

Windows Firewall with Advanced Security - Local Group Policy O...

Customize Logging Settings for the Public Profile

Name: Browse...

Not configured

Size limit (KB):

Not configured

Log dropped packets: Yes

Log successful connections: Yes

Note: If you are configuring the log file name on Group Policy object, ensure that the Windows Firewall service account has write permissions to the folder containing the log file.

Default path for the log file is %systemroot%\system32\logfiles\firewall\pfirewall.log.

[Learn more about logging](#)

OK Cancel

The name is the path and name of the log file. We did not change from the default.

We did configure the size of the log file to 4096 KB.

We did set Log dropped packets to yes.

We did set Log successful connections to yes. This really is not necessary.

Once this is saved, we are now logging packets to pfirewall.log

Local Security Policy Date modified: 8/5/2011 2:48 PM Date created:

Shortcut Size: 1.21 KB