
Installation Guide

Advanced Authentication - Logon Filter

Version 5.4

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About NetIQ Corporation

We are a global, enterprise software company, with a focus on the three persistent challenges in your environment: Change, complexity and risk—and how we can help you control them.

Our Viewpoint

Adapting to change and managing complexity and risk are nothing new

In fact, of all the challenges you face, these are perhaps the most prominent variables that deny you the control you need to securely measure, monitor, and manage your physical, virtual, and cloud computing environments.

Enabling critical business services, better and faster

We believe that providing as much control as possible to IT organizations is the only way to enable timelier and cost effective delivery of services. Persistent pressures like change and complexity will only continue to increase as organizations continue to change and the technologies needed to manage them become inherently more complex.

Our Philosophy

Selling intelligent solutions, not just software

In order to provide reliable control, we first make sure we understand the real-world scenarios in which IT organizations like yours operate—day in and day out. That's the only way we can develop practical, intelligent IT solutions that successfully yield proven, measurable results. And that's so much more rewarding than simply selling software.

Driving your success is our passion

We place your success at the heart of how we do business. From product inception to deployment, we understand that you need IT solutions that work well and integrate seamlessly with your existing investments; you need ongoing support and training post-deployment; and you need someone that is truly easy to work with—for a change. Ultimately, when you succeed, we all succeed.

Our Solutions

- ◆ Identity & Access Governance
- ◆ Access Management
- ◆ Security Management
- ◆ Systems & Application Management
- ◆ Workload Management
- ◆ Service Management

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About this Book

The Logon Filter Installation Guide has been designed for domain administrators and describes the system requirements and the installation procedure for Logon Filter.

Intended Audience

This book provides information for individuals responsible for understanding administration concepts and implementing a secure, distributed administration model.

About Logon Filter

Logon Filter is a component which should be installed on the Domain Controllers. It increases security by forbidding logging in of users without the Advanced Authentication solution.

1 System Requirements

IMPORTANT: Installing and removing Logon Filter requires Domain Admin privileges.

The following system requirements should be fulfilled:

- ♦ Domain controllers based on Microsoft Windows Server 2008 R2/ Microsoft Windows Server 2012 R2.

2 Configuring Logon Filter

Perform the following steps to configure Logon Filter:

1. Install the Advanced Authentication Logon Filter component on all Domain Controllers.
2. Enable Logon Filter through the Advanced Authentication - Administrative Portal: **Policies** section > **Logon filter for AD** > switch to **ON**.
3. Create the following two groups in Active Directory:
 - ♦ Legacy logon – add all users to the group (you can just add the Domain Users group to its members).
 - ♦ MFA logon – this should be an empty group.
(you can use any names for the groups)
4. Navigate in the Advanced Authentication - Administrative Portal:
Repositories > specify a used Active Directory repository > scroll down > expand **Advanced settings** > scroll to the bottom.
5. Point Legacy logon tag to the Legacy logon group and MFA logon tag to the MFA logon group.

NOTE: Legacy logon tag must point to a group in the Active Directory that must include all the users. It should be a custom group. The built-in groups like Domain Users are not supported. The users can be members of the group directly or you can add another custom group with users to the group. MFA logon tag should point to an empty group in Active Directory. When a user logs in, Logon Filter checks the user's authentication. If the user uses the Advanced Authentication, then the user is automatically moved to the group specified in the MFA logon tag field

6. Scroll up and enter a Password in the Repository Settings.
7. Scroll down and click **Save**.
8. Wait for a minute.
9. Ensure that Advanced Authentication Windows Client is installed on all required workstations.
10. When you are ready to prohibit logon on all workstations which do not have the AA Windows Client installed, configure the Microsoft policy **Allow log on locally** in the Default Domain Policy or a custom GPO to allow logon for only MFA logon group using the following steps:
 - a. On a Domain Controller, open Group Policy Management Editor by entering gpmc.msc in the search box.
 - b. Double-click the name of the forest, double-click Domains, and then double-click the name of the domain in which you want to join a group.
 - c. Right-click **Default Domain Policy**, and then click **Edit**.
 - d. In the console tree, expand and navigate to **Computer Configuration > Policies > Windows Settings > Security Settings > Local Policies > User Rights Assignment**.
 - e. In the right pane, double-click **Allow Log on Locally**.
 - f. Click **Add User** or **Group**.
 - g. Specify a group which is pointed in the MFA logon tag.

- h. Click **OK**.
- i. Click **OK** in the **Allow log on locally** Properties dialog box.

NOTE: The above steps prohibits the users without NetIQ Windows Client installed (only on workstations joined to the domain) from logging on to the workstations. A user with the NetIQ Windows Client installed will be automatically moved from a group pointed to the Legacy logon tag to a group pointed to the MFA logon tag.

3 Installing and Removing Logon Filter

In this chapter:

- ♦ [Installing Logon Filter](#)
- ♦ [Removing Logon Filter](#)

3.1 Installing Logon Filter

NOTE: Logon Filter must be installed on all domain controllers in the domain.

To install Logon Filter via Setup Wizard:

1. Run `NAAF-logonfilter-x64-<version>.msi`.
2. Click **Next** to continue.
3. Read the **License Agreement**. Select the **I accept the terms in the license agreement** checkbox and click **Next**.
4. Click **Next** to install to the default folder or click **Browse** to choose another.
 - ♦ To change the destination folder, click the **Change** button and select an applicable destination.
 - ♦ To continue, click **Next**.
5. Click **Install** and wait until the component is installed.
6. Click **Finish** to close the Wizard.
7. Click **Yes** to restart the operating system.

3.2 Removing Logon Filter

Logon Filter can be removed via Setup Wizard or Control Panel.

To remove Logon Filter via Setup Wizard, follow the steps:

1. Right-click the Start button and select **Control Panel > Programs > Programs and Features**.
2. Select **NetIQ Logon Filter** and click **Uninstall**.
3. Confirm the removal.
4. Wait for a few seconds until the removal is completed.
5. Open Advanced Authentication Administrative Portal and switch to **Endpoints** section. Find and remove an endpoint for the uninstalled Logon Filter instance.

