



NetIQ Advanced Authentication Framework

System Requirements

Version 5.1.0

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Introduction

About This Document

This document is intended for NetIQ Administrators and describes hardware and software requirement for NetIQ Advanced Authentication Framework components.

Infrastructure

- Directory service:
 - Microsoft Active Directory Domain Services (AD DS) 2003 and newer;
 - Microsoft Active Directory Lightweight Directory Services (AD LDS) 2008 and newer;
 - Novell Domain Services for Windows (NSfW);
- Domain functionality level (for Microsoft Active Directory) – Windows Server 2003;
- No [dcdiag](#) problems;
- Domain Admins + Schema Admins privileges for schema extension;
- Local Administrators privileges for components' installation.

Communication Channel Throughput

Minimal requirements

- Between Authenticore Server and Workstations – 500 Kbit;
- Between Log Server and Authenticore Servers – 1Mbit;
- Between Active Directory (AD LDS) and Authenticore Servers – 5Mbit.

Recommended requirements

1. Between Authenticore Server and Workstations – 5 Mbit;
2. Between Log Server and Authenticore Servers – 10Mbit;
3. Between Active Directory (AD LDS) and Authenticore Servers – 50Mbit.

Server Components

NetIQ Authenticore Server

Recommended hardware requirements:

1. Intel Core 2 Duo 2.0GHz;
2. 2Gb RAM;
3. Free space on system partition of hard drive: 30 GB (for events and logs).

Operating system requirements:

1. Microsoft Windows Server 2003 Service Pack 2 x86/x64;
2. Microsoft Windows Server 2003 R2 Service Pack 2 x86/x64;
3. Microsoft Windows Server 2008 R2 Service Pack 1;
4. Microsoft Windows Server 2012.

It's strongly recommended (at first for fault tolerance) to use more than one NetIQ Authenticore Server for each site in domain. For understanding on how many servers you'll need use Microsoft's recommendations for Domain Controllers. You can use Domain Controllers for NetIQ Authenticore Server installation, but it's not preferred because you'll need to reboot server after any installations/upgrading.

 License should be applied during the installation of NetIQ Advanced Authentication Framework Authenticore Server. Otherwise other components will not be installed.

NetIQ Password Filter

Recommended hardware requirements: use Microsoft's recommendations for Domain Controllers.

Free space on system partition of hard drive: 100 MB

Operating system requirements:

1. Microsoft Windows Server 2003 Service Pack 2 x86/x64;
2. Microsoft Windows Server 2003 R2 Service Pack 2 x86/x64;
3. Microsoft Windows Server 2008 R2 Service Pack 1;
4. Microsoft Windows Server 2012.

The server must be a Domain Controller with domain functional level Windows Server 2003 or higher.

NetIQ Log Server

Recommended hardware requirements:

1. Intel Core 2 Duo 2.0GHz;
2. 4Gb RAM;
3. Free space on system partition of hard drive: 60 GB (for events and logs).

Operating system requirements:

1. Microsoft Windows Server 2003 Service Pack 2 x86/x64;
2. Microsoft Windows Server 2003 R2 Service Pack 2 x86/x64;
3. Microsoft Windows Server 2008 R2 Service Pack 1;
4. Microsoft Windows Server 2012.

You can use server with NetIQ Authenticore Server installed for Log Server installation.

NetIQ EAP Server

Operating system requirements:

1. Microsoft Windows Server 2008 R2 Service Pack 1.

Installing and removing the EAP Server component requires Local Admins privileges.

NetIQ NPS Plugin

Installing and removing the NPS plugin requires Local Admins privileges.

Operating system requirements:

1. Microsoft Windows Server 2008 R2 Service Pack 1;
2. Microsoft Windows Server 2012.

NetIQ Web Service

Operating system requirements:

1. Microsoft Windows Server 2008 R2 Service Pack 1;
2. Microsoft Windows Server 2012;
3. Microsoft .NET Framework 3,5.

Web Server (IIS) server role should be preliminary installed.

Installing and removing this product requires Local Administrator privileges.

Administration Components

NetIQ Administrative Tools

Operating system requirements:

1. Microsoft Windows Server 2003 Service Pack 2 x86/x64;
2. Microsoft Windows Server 2003 R2 Service Pack 2 x86/x64;
3. Microsoft Windows Server 2008 R2 Service Pack 1;
4. Microsoft Windows Server 2012.

You need to install the necessary Remote Server Administration Tools operating system feature (Remote Server Administration Tools > Role Administration Tools>AD DS and AD LDS Tools > AD DS Tools for Microsoft Windows Server 2008 and newer).

You can install the component on server with NetIQ Authenticore Server installed.

Client components

NetIQ Client

Free space on system partition of hard drive: 100 MB.

USB 2.0 port to connect authentication devices.

Operating system requirements:

1. Microsoft Windows XP Service Pack 3 x86;
2. Microsoft Windows 7 Service Pack 1 x86/x64;
3. Microsoft Windows 8 x86/x64.

In Windows XP should not be any third-party components that register their own GINA (check that HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows NT\CurrentVersion\Winlogon sub-register contains no GINADLL key).

NetIQ RTE

Free space on system partition of hard drive: 24 MB.

Operating system requirements:

1. Microsoft Windows XP Service Pack 3 x86;
2. Microsoft Windows 7 Service Pack 1 x86/x64;
3. Microsoft Windows 8 x86/x64;
4. Microsoft Windows Server 2003 Service Pack 2 x64/x86;
5. Microsoft Windows Server 2003 R2 Service Pack 2 x64/x86;
6. Microsoft Windows Server 2008 R2 Service Pack 1;
7. Microsoft Windows Server 2012.

Installing and removing this product requires Local Administrator privileges.

Common components

Authentication Providers

Please check installation guide of interest authentication provider.

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