NetIQ Advanced Authentication Framework

Navigation Guide

Version 5.1.0

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Introduction

About This Document

This Navigation Guide is intended for all user categories and helps to navigate in NetIQ documentation.

Overview of the Documentation

NetIQ Advanced Authentication Framework™ is a software solution that enhances the standard user authentication process by providing an opportunity to logon with various types of authenticators. NetIQ Advanced Authentication Framework™ is a system made up of 3 sets of components (Server components, Administrator components and Client components).

The NetIQ documentation source has been categorized, structured and analyzed. NetIQ documentation is updated daily and the number of documents is being constantly changed in compliance with all changes of NetIQ Advanced Authentication Framework™ solution.

Types of NetIQ Guides

NetIQ presents 4 basic types of guides:
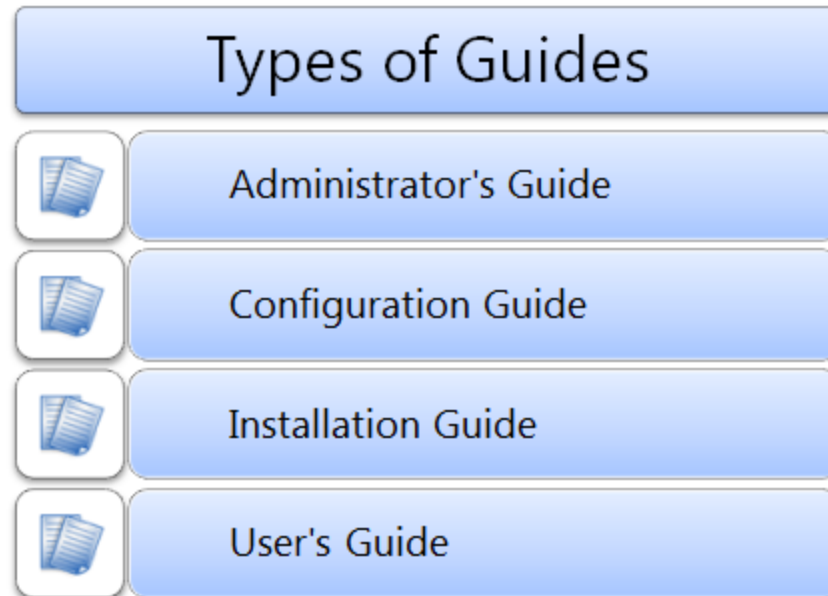
- **Administrator's guide** is intended for system administrators and security officers and describes how to administrate NetIQ Advanced Authentication Framework solution.
- **Configuration guide** is intended for system administrators and describes the configuration of specific components of NetIQ Advanced Authentication Framework solution and their integration. Configuration guide is frequently considered to be a part of administrator's guide.
- **Installation guide** is intended for all user categories and describes how to use the client part of NetIQ Advanced Authentication Framework solution. In particular it gives instructions as for how to install components of NetIQ Advanced Authentication Framework solution.
- **User's guide** is intended for all user categories and describes how to use the client part of NetIQ Advanced Authentication Framework solution. In particular it gives instructions on how to use NetIQ Advanced Authentication Framework solution on workstations and laptops and on how to manage (enroll, re- enroll, test, remove) different types of authenticators.

NetIQ Documentation

NetIQ documentation is located in GUIDES folder of NetIQ Advanced Authentication Framework distributive kit.

NetIQ documentation can be subdivided into the following groups:

- Documentation for NetIQ Advanced Authentication Framework components
- Documentation for plugins
- Documentation for authentication providers
- Miscellaneous documentation

NetIQ Advanced Authentication Framework Components Documentation

The NetIQ Advanced Authentication Framework Components documentation contains information on how to install, configure and use server, administrative and client components of NetIQ Advanced Authentication Framework solution.

The aim of this chapter is to provide you with the complete and detailed instructions on how to work with components of NetIQ Advanced Authentication Framework solution that are divided into 3 main groups:

- Server Components
- Administrative Components
- Client Components

Server Components
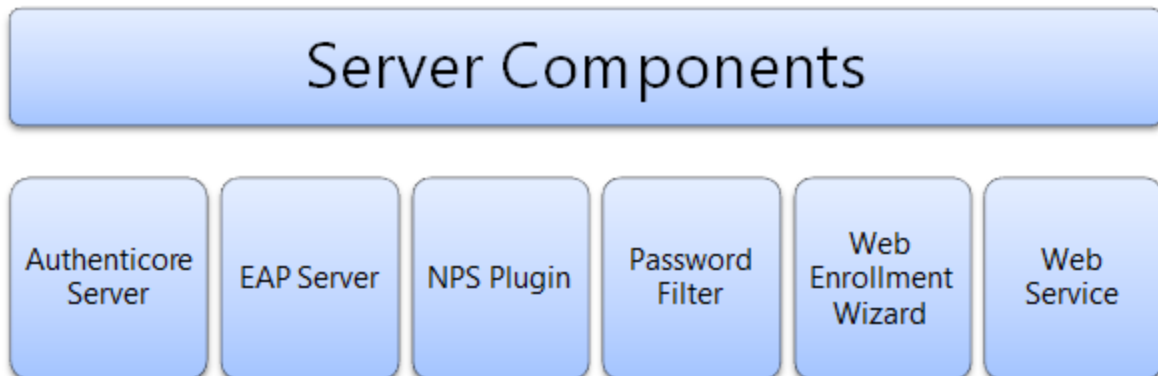
Authenticore Server is the central component in an NetIQ Advanced Authentication Framework Enterprise deployment. It is intended for processing NetIQ Advanced Authentication Framework users authentication requests. Information about it is represented in the following guides:

- Authenticore Server - Administrator's Guide (describes how to work with NetIQ Advanced Authentication Framework Authenticore Tray Manager);
- Authenticore Server - Installation Guide (describes how to install NetIQ Advanced Authentication Framework Authenticore Server).

EAP Server is an Internet Engineering Task Force (IETF) standard that provides an infrastructure for network access clients and authentication servers to host plug-in modules for current and future authentication methods. Information about it is divided into the following guides:

- EAP Server - Administrator's Guide (describes the integration of NetIQ Advanced Authentication Framework Extensive Authentication Protocol Server);
- EAP Server - Installation Guide (describes the installation of NetIQ Advanced Authentication Framework Extensive Authentication Protocol Server).

NPS Plugin adds Authentication to the Microsoft Network Policy Server. It allows authenticating with any RADIUS compliant client using OATH OTP authenticator to NetIQ. Information about it is described in the following guides:

- NPS Plugin - Administrator's Guide (describes the work of NetIQ Advanced Authentication Framework Network Policy Server Plugin);
- NPS Plugin - Installation Guide (describes the installation of NetIQ Advanced Authentication Framework Network Policy Server Plugin).

Password Filter is one of the components the installation of which is obligatory. It guarantees passwords synchronization independently of the methods and means used for their change. It is described in details in the following guides:

- Password Filter - Administrator's Guide (describes the work of NetIQ Advanced Authentication Framework Password Filter);
- Password Filter - Installation Guide (describes the installation of NetIQ Advanced Authentication Framework Password Filter).

Web Enrollment Wizard allows users to enroll or manage authenticators from any place (workstation, laptop, tablet PC or smartphone) in the web browser, without necessity to install any software. Information about it is represented in the following guides:

- Web Enrollment Wizard - Installation Guide (describes how to install NetIQ Advanced Authentication Framework Web Enrollment Wizard);
- Web Enrollment Wizard - User's Guide (describes how to use NetIQ Advanced Authentication Framework Web Enrollment Wizard).

Web Service allows users to authenticate in domain services using their own authenticators on non-domain joined clients. Information about this component is divided into the following guides:

- Web Service - Administrator's Guide (describes the details on how to get started using the NetIQ Advanced Authentication Framework Web Service);

- Web Service - Installation Guide describes how to install NetIQ Advanced Authentication Framework Web Service).

Administrative Components

Administrative Tools contains tools that allow administrators to control the NetIQ Advanced Authentication Framework system.

- Administrative Tools - Administrator's Guide (describes how to work with NetIQ Advanced Authentication Framework Administrative Tools);
- Administrative Tools - Installation Guide (describes how to install NetIQ Advanced Authentication Framework Administrative Tools).

Group Policy Templates is a component that allows administrators to control the working environment of user accounts and computer accounts.

- Group Policy Templates - Administrator's Guide (describes how to control the working environment of user and computer accounts using NetIQ Advanced Authentication Framework Group Policy Templates);
- Group Policy Templates - Installation Guide (describes system requirements that should be fulfilled before the installation of NetIQ Advanced Authentication Framework Group Policy Templates).

Client Components

Client Components

Client RTE VDA

Client is an application that allows users to log on using NetIQ Advanced Authentication Framework technology. Information about it is represented in the following guides:

- Client - Installation Guide (describes how to install the client part of NetIQ Advanced Authentication Framework solution);
- Client - User's Guide (describes how to use the client part of NetIQ Advanced Authentication Framework solution).

RTE allows to use SDK (Software Developer Kit) with no need to install "NetIQ Advanced Authentication Framework – Client" package. Information about it is described in:

- RTE - Installation Guide (describes how to install NetIQ Advanced Authentication Framework RTE);
- SDK - Administrator's Guide (describes how to get started using the NetIQ SDK).

VDA allows to ease and secure remote access on thin clients and kiosks. Information about it is divided into the following guides:

- VDA Profile Editor - Administrator's Guide (describes how to configure NetIQ Advanced Authentication Framework VDA Profile Editor);
- VDA Shell - Installation Guide (describes how to install NetIQ Advanced Authentication Framework VDA Shell);
- VDA Shell - User's Guide (describes how to use NetIQ Advanced Authentication Framework VDA Shell).

Documentation for Plugins

NetIQ Advanced Authentication Framework solution supports 2 plugins:

- NetIQ Access Manager Advanced Authentication Plugin;
- NetIQ SecureLogin Advanced Authentication Plugin.

The aim of the plugins guides is to provide end-users with the complete and detailed instructions on how to work with the plugins that are supported by NetIQ Advanced Authentication Framework.
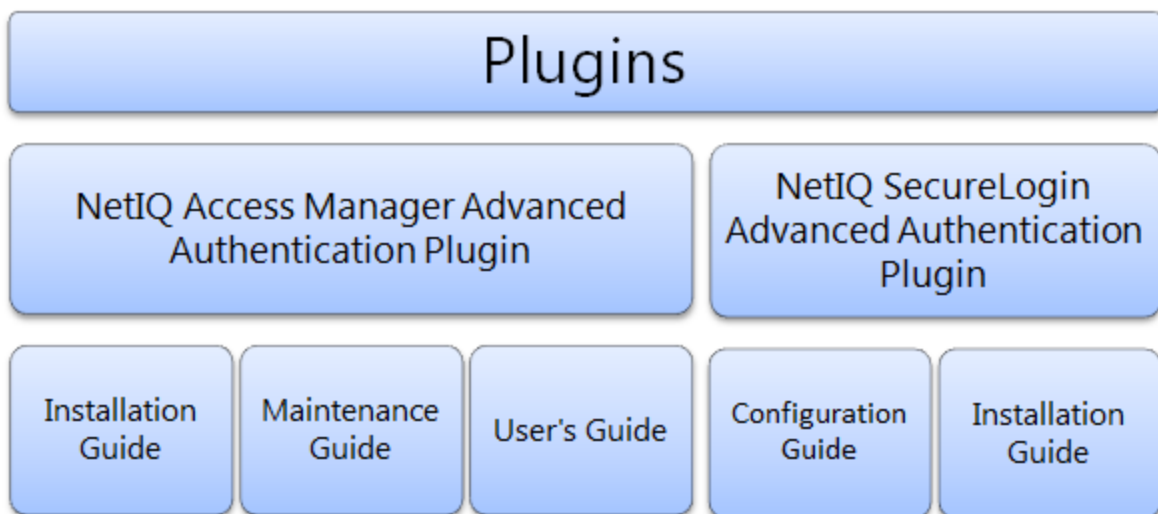
NetIQ Access Manager Advanced Authentication Plugin is described in detail in:

- NetIQ Access Manager Advanced Authentication Plugin - Installation Guide (describes how to install NetIQ Access Manager Advanced Authentication Plugin);
- NetIQ Access Manager Advanced Authentication Plugin - Maintenance Guide (describes how to maintain NetIQ Access Manager Advanced Authentication Plugin);
- NetIQ Access Manager Advanced Authentication Plugin - User's Guide (describes how to use NetIQ Access Manager Advanced Authentication Plugin).

Information on NetIQ SecureLogin Advanced Authentication Plugin is located in:

- NetIQ SecureLogin Advanced Authentication Plugin - Configuration Guide (describes how to configure NetIQ SecureLogin Advanced Authentication Plugin and to integrate it with Novell Secure Login);

- NetIQ SecureLogin Advanced Authentication Plugin - Installation Guide (describes how to install NetIQ SecureLogin Advanced Authentication Plugin).

Documentation for Authentication Providers

NetIQ Advanced Authentication Framework presents multiple authentication technologies that provide end-users with most flexible and effective multi-factor solution. All information about authentication providers of NetIQ Advanced Authentication Framework solution is mainly described in:

- installation guide where there are given instructions as for how to install different kinds of authenticators;
- user's guide where there are given instructions as for how to manage (enroll, re-enroll, test and remove) different kinds of authenticators and how to log on using them.

Instructions as for how to configure RADIUS and OATH types of authentication are described in configuration guides.

Some authentication providers support strong authentication smartphone applications to use together with smartphone. That is why authentication providers that support them also have additional user's guides for different mobile operation systems that contain the information on how to use application at first and next launches, its re-enrollment and logging in the system using the following strong authentication smartphone application.

Miscellaneous Documentation

NetIQ documentation contains miscellaneous guides that are of great importance as they contain all necessary information that is required for the start of work with NetIQ Advanced Authentication Framework solution. The following guides are included to Miscellaneous group of documentation:
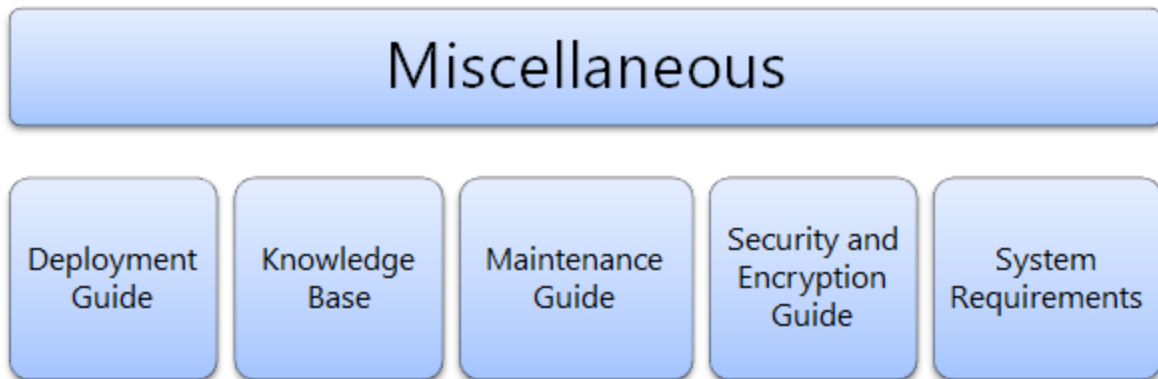
- Deployment Guide contains detailed information on the procedure of NetIQ Advanced Authentication Framework solution deployment.
- Knowledge Base is the database that consists answers for solution of complex problems.
- Maintenance Guide provides end-users with the information on how to maintain Infrastructure with NetIQ Advanced Authentication Framework solution.
- Security and Encryption Guide contains detailed information on the security and encryption protocols used in NetIQ Advanced Authentication Framework solution.
- System Requirements is the source of detailed information on hardware and software requirements for NetIQ Advanced Authentication Framework components.

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