

Advanced Authentication 5.6 Patch Update 7 Release Notes

October 2018



Advanced Authentication 5.6 Patch Update 7 resolves specific previous issues. This document outlines why you should install this patch update.

Many of these improvements were made in direct response to suggestions from our customers. We thank you for your time and valuable input. We hope you continue to help us ensure that our products meet all your needs. You can post feedback in the [Advanced Authentication forum](#) on NetIQ Communities, our online community that also includes product information, blogs, and links to helpful resources.

The documentation for this product is available on the NetIQ website in HTML and PDF formats. If you have suggestions for documentation improvements, click **comment on this topic** at the bottom of any page in the HTML version of the documentation posted at the [Advanced Authentication NetIQ Documentation](#) page. To download this product, see the [Advanced Authentication Product](#) website.

1 What's New?

Advanced Authentication 5.6 Patch Update 7 provides the following enhancements and fixes in this release:

- ◆ [Section 1.1, "Enhancements," on page 1](#)
- ◆ [Section 1.2, "Software Fixes," on page 2](#)

1.1 Enhancements

This release introduces the following enhancements:

- ◆ [Section 1.1.1, "User Interface to Monitor the Replication Batches," on page 1](#)
- ◆ [Section 1.1.2, "Provision to Add Facets in FIDO U2F," on page 2](#)

1.1.1 User Interface to Monitor the Replication Batches

You can monitor the last 200 outgoing batches that a Master server transmits to the peer servers on the same site or to the Master server on other sites in a cluster. The batches are transmitted to replicate information about the changes that are made to the database. The changes include a new entry, update, or delete action to all the DB servers in the cluster.

You can also use the command line tool to resolve replication conflicts between the servers in the cluster.

For more information see, "[Monitoring Outgoing Replication Batches \(https://www.netiq.com/documentation/advanced-authentication-56/server-administrator-guide/data/t479rs4a7fuv.html\)](https://www.netiq.com/documentation/advanced-authentication-56/server-administrator-guide/data/t479rs4a7fuv.html)" in the *Advanced Authentication - Administration* guide.

1.1.2 Provision to Add Facets in FIDO U2F

Advanced Authentication facilitates you to add a list of facets for the FIDO U2F tokens to work on multiple sub-domains in a single domain. This allows users to enroll the FIDO U2F tokens on a single domain and get authenticated on multiple sub-domains.

For more information see, “[Configuring Facets](#)” in the *Advanced Authentication - Administration* guide.

1.2 Software Fixes

Advanced Authentication 5.6 Patch Update 7 includes the following software fix:

- ♦ [Section 1.2.1, “Issue with Replication in a Cluster,” on page 2](#)
- ♦ [Section 1.2.2, “Endpoint Update Timeout,” on page 2](#)

1.2.1 Issue with Replication in a Cluster

Issue: In a cluster, if a replication conflict is detected due to the violation in foreign key constraint then the replication between the servers stops and the servers do not synchronize.

Fix: Now, the server bypasses such foreign key constraint. Though a conflict is detected in the cluster, replication process continues between the conflicting servers.

1.2.2 Endpoint Update Timeout

Issue: When more than thirty users try to access and update an endpoint simultaneously, the database is locked for each request to update the details about the endpoint. While the database is locked, other requests in the queue fail and a timeout error is displayed.

Fix: Performance has been optimized to update the endpoint.

2 Upgrading

You can upgrade to Advanced Authentication 5.6 Patch Update 7 from any one of the following versions:

- ♦ 5.5
- ♦ 5.5 Patch Update 1
- ♦ 5.6
- ♦ 5.6 Patch Update 1
- ♦ 5.6 Patch Update 2
- ♦ 5.6 Patch Update 3
- ♦ 5.6 Patch Update 4
- ♦ 5.6 Patch Update 5
- ♦ 5.6 Patch Update 6

NOTE: After you upgrade to 5.6 Patch Update 7, the Database (DB) slave servers are susceptible to a replication conflict. To resolve this conflict, click **Fix** in the **Conflicts** section on both the DB master and slave servers. Such conflicts will not occur again.

To upgrade from versions prior to 5.6 Patch Update 2 to the latest version, you must first upgrade to 5.6 Patch Update 2 and then migrate using the Export and Import feature.

For more information about upgrading, see “[Upgrading Advanced Authentication](#)” in the *Advanced Authentication Installation and Upgrade* guide.

3 Contact Information

Our goal is to provide documentation that meets your needs. If you have suggestions for improvements, please email Documentation-Feedback@netiq.com. We value your input and look forward to hearing from you.

For detailed contact information, see the [Support Contact Information website](#).

For general corporate and product information, see the [NetIQ Corporate website](#).

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