Advanced Authentication 5.6 Patch Update 3 Release Notes

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Advanced Authentication 5.6 Patch Update 3 includes new features, improves usability, and resolves several previous issues.

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 3 provides the following enhancements and fixes in this release:

1.1 New Features and Enhancements

This release introduces the following features and enhancements:

1.1.1 Email Notification for Replication Status

Advanced Authentication allows you to configure the email address to receive reports about the replication status on a daily basis. An email notification is also sent whenever there are conflicts between the servers in a cluster. For more information see "Replica Monitor" in the *Advanced Authentication - Administration* guide.

1.1.2 Provision for Tracking the Heartbeat Time Stamp

Now, the **Heartbeat** column tracks the date and time of the last ping from each server in a cluster. The heartbeat of a server is highlighted in red, whenever a conflict is detected.

1.2   Software Fixes

Advanced Authentication 5.6 Patch Update 3 includes the following software fix:

1.2.1   Issue with RADIUS Authentication After Upgrade

Issue: After you upgrade to Advanced Authentication 5.6 Patch Update 2, if the group name contains non-US ASCII characters (For example: German or Russian characters), the RADIUS authentication fails for the users associated to the group.

Fix: Now, Group name can contain non-US ASCII characters and users are successfully authenticated on the RADIUS client.

1.2.2   Replication Conflicts

The following scenarios when happened simultaneously were causing a replication conflict:

- The replication system stopped sending updates to other sites for a duration of two hours because of a network issue between the sites. In this scenario, if there were changes on other sites this resulted in a conflict and were not fixed automatically.
- Updates are sent after a significant delay of 2 hours and changes were not replicated to the database because of the over load on the database (high CPU).
- The resource intensive query in the database that checks the validity of a license caused an overload on the CPU.
- Operating System reboot pauses the replication automatically for an approximate duration of two hours.

Fix: Now, these issues have been resolved.

NOTE: With the upgrade to 5.6 Patch Update 3, Advanced Authentication does not resolve the detected conflicts automatically. It is an administrator's responsibility to analyze and decide the appropriate way to resolve the conflict.

1.2.3   Delay in Login for Users Associated With Numerous Groups

Issue: When users from a repository associated with numerous groups log in to any event, there may be a significant delay in authentication. The reason for the delay is that Advanced Authentication server first lists all the groups and searches for a group which is specified in the chain configuration.

Fix: Now, performance has been optimized to reduce the delay.

2   Upgrading

You can upgrade to Advanced Authentication 5.6 Patch Update 3 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

For more information about upgrading, see "Upgrading Advanced Authentication" in the *Advanced Authentication Installation and Upgrade* guide.

NOTE: After you upgrade to 5.6 Patch Update 3, 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.

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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.

For interactive conversations with your peers and NetIQ experts, become an active member of our community. The NetIQ online community provides product information, useful links to helpful resources, blogs, and social media channels.

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