

Fudo Enterprise 5.5.9

Release Note

Date: April 2025

This is a minor Fudo release, introducing a range of improvements and new fixes.

NEW FEATURES

- The new **TDS Kerberos Delegation** feature enables Windows Authentication using Kerberos. Users obtain a Ticket-Granting Ticket (TGT) upon domain login, which is then used to authenticate MSSQL server connections.
- Integration with **Fudo ShareAccess**: We've introduced a new tab that seamlessly integrates Fudo Enterprise with Fudo ShareAccess, a platform enabling instant collaboration between enterprises and third parties. New Fudo ShareAccess Tab allows pairing Fudo Enterprise instances with Fudo ShareAccess and managing resource access through this platform. You can read more about the Fudo ShareAccess [in the documentation](#).

BUG FIXES

- Resolved an issue affecting LDAP password changers, detected in version 5.5.8. Users can now update their passwords without issues.
- Fixed an issue where manually modifying an LDAP-synced user to use DUO with External Authentication as a second factor caused LDAP synchronization to fail. The logs now include detailed information about the affected user and the conflicting changes to assist administrators in troubleshooting.
- Fixed an issue where filtering accounts or listeners in the 'Selected' tab of the 'Manage accounts' or 'Manage listeners' window, accessible from the safe editing form, was case-sensitive — unlike the 'All' tab. Filtering is now case-insensitive in both tabs for consistency.
- Fixed an issue in RDP sessions where text could not be pasted into the Login Reason field or appeared with incorrect encoding when using the clipboard.
- Fixed an issue in the User Access Gateway where the search field background appeared black, causing black text to be unreadable when searching for a server name for a selected account.
- Fixed an issue related to SNMP communication being resynchronized, where Zabbix connections failed after some time.

KNOWN ISSUES

- Installing the OVA image on Nutanix or VMware may result in an error that prevents successful deployment. A workaround is available; please contact Technical Support for detailed instructions.

DISCONTINUED FEATURES IN 5.5

- Fudo Enterprise 5.5 **no longer supports the Fudo Officer 1.0** mobile application. Users relying on this integration must migrate to the **Fudo Officer 2.0**.
- Fudo Enterprise 5.5 no longer supports the **Mobile Token** authentication method used to bind the Fudo Officer mobile application to a User. You must **unlink all Fudo Officer bindings** from Users configuration before the upgrade. For more details, please refer to the 'Before You Upgrade' section below.
- Fudo Enterprise 5.5 no longer supports the **CyberArk Enterprise Password Vault** external password repository. Users using this integration need to migrate to CyberArk Credential Provider external repository.
- Fudo Enterprise 5.5 no longer supports the **Ticketing systems**.
- The option to add **unencrypted connections** when configuring an external password repository has been **disabled**. All password repositories with url HTTP/LDAP have to be reconfigured to HTTPS/LDAPS before the upgrade. For more details, please refer to the 'Before You Upgrade' section below.

ANNOUNCEMENTS FOR 5.5

- Fudo Enterprise 5.5 is the **last version supporting transparent and gateway modes in the listeners configuration**. Listeners using these modes **must be reconfigured to use proxy and bastion modes before upgrading to the next release**.
- Fudo Enterprise 5.5 is the **last version supporting the Application to Application Password Manager**. The AAPM will be replaced by the functionality of APIv2 in the **next release**.
- Fudo Enterprise 5.5 is the **last version supporting the APIv1**. The support will be **removed** in the **next release**. All scripts using APIv1 should be rewritten to use APIv2.
- Fudo Enterprise 5.5 is the **final version to support DHCP**, which will be removed in the next release.

BEFORE YOU UPGRADE

It is highly recommended to perform the ['Upgrade check'](#) before the proper upgrade. The result of the failed check may contain information about configuration changes that needs to be done by a Fudo administrator to successfully upgrade Fudo.

There are a few things that need to be verified before this upgrade can be applied:

- Make sure your Fudo instance isn't undergoing any system-wide process, such as storage rebuild, or the system isn't under full-load.
- In a cluster configuration, make sure all nodes are synchronized and upgrade the slave node first.
- Make sure you have an active Premium or Standard Support maintenance contract.

MIB Definition Update

Note: In Fudo Enterprise 5.5.8, the MIB definition has been updated. The `FUDO-SECURITY-COMMON-MIB.txt` file has been modified accordingly, and `smartHealth` now supports only the following states: `ok (1)` and `failed (2)`.

Domain Name Forwarding in RADIUS

Note: Please note that the introduction of forwarding the Active Directory domain name in RADIUS may affect the behavior of existing RADIUS external authentication for users synchronized with LDAP or those with the AD domain field manually filled in.

Mobile Token

Note: Fudo Enterprise 5.5 and later versions no longer support the **Mobile token** authentication method used to bind Fudo Officer mobile application to a User. Please ensure that the mobile application is unlinked from any User configuration. Otherwise, the upgrade will fail, and the script UPG000685 will return a list of users who have the mobile application linked.

To unlink the Fudo Officer mobile application, please edit the user configuration, then:

1. Go to the 'More' tab, and in the 'Fudo Officer' section, unlink the application using the 'Cancel binding' button.

2. Alternatively, go to the 'Settings' tab, in the 'Authentication' section find the 'Mobile token' method and remove it using the 'Delete' button.

Reconfiguring External Password Repository to HTTPS/LDAPS

As Fudo Enterprise 5.5 and later versions no longer support unencrypted connections for external password repositories, all repositories using HTTP/LDAP URLs must be reconfigured to HTTPS/LDAPS prior to the upgrade.

Steps to resolve:

1. Navigate to '*Settings > External passwords repositories*'.
2. Edit every configured external password repositories URL to use HTTPS/LDAPS.

RECOMMENDED UPGRADE PATH

Before proceeding with the upgrade, please verify the version number of your Fudo Enterprise instance. Depending on the version number, you will need to follow a specific upgrade path. To learn more, please refer to the [Fudo Enterprise Product Upgrade Path](#) article.

Note: Fudo Enterprise 5.4.11 introduces a new upgrade barrier in the Product Upgrade Path. If you are upgrading from any version of Fudo 5.4, please ensure you upgrade to at least version 5.4.11 before proceeding to version 5.5.x.

HOW TO UPGRADE YOUR FUDO

1. Login to your Fudo Admin Panel.
2. Select '*Settings > System*' from the main menu on the left-hand side and go to the '*Upgrade*' tab.

Note: If your Fudo is running in a cluster, start the upgrade on the Slave node, and only when the upgrade finishes successfully start upgrading the Master node. When both systems are running the same Fudo version cluster communication will be restored.

3. Select 'Upload' from the top right side and upload the previously downloaded and unzipped upgrade package file.
4. Select '*Run Check*' to determine if your upgrade file is correct and can be applied to the existing Fudo configuration. Refresh your browser window to see '*Upgrade check*' current progress.

5. Upon a successful '*Run Check*' result, upgrade your Fudo by using the '*Upgrade*' button. Upon system restart, all active sessions will be terminated.

Note: In case of an unsuccessful check do not upgrade your system, double check your upgrade file checksum. If you encounter any problems, get in touch with us and we will assist you.

HOW TO IMPORT SYSTEM CONFIGURATION

Note: Importing a configuration file and initiating system with imported data will delete all existing session data.

1. Login to your Fudo Admin Panel.
2. Select '*Settings > System*' from the main menu on the left-hand side, then go to the user menu in the upper right corner.
3. Select '*Import configuration*' from the user menu.
4. Upload the '*Master key*' file and '*Configuration file*' exported from another Fudo instance and click '*Confirm*' to proceed with the import.

Note: For more details, please refer to the ['Exporting/Importing System Configuration'](#) section of the Fudo Enterprise documentation.

THE ROLLBACK PROCEDURE

If you are experiencing issues with the newly installed version, you have an option to roll back to the previous version of Fudo running on this machine. To do so, click the user menu on the top right, select '*Restart*', and select previous system revision from the drop-down list.

Note: Please keep in mind any session recordings performed on a newer version will be lost upon upgrade rollback execution.

CONTACT US

If you have questions or concerns, please get in touch at support@fudosecurity.com
or by phone: +48 22 100 67 09.

Sincerely,

Fudo Security Team