Fudo Enterprise 5.5.11
Release Note

Date: July 2025

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

IMPROVEMENTS

- Added support for VNC connections in ShareAccess, available via Webclient.
- Users who access resources exclusively through Fudo ShareAccess are not counted as licensed users in Fudo Enterprise and do not require additional licensing there.
- New email notifications have been added to Fudo ShareAccess. Fudo Enterprise administrators and ShareAccess users will now receive information about the following events:
    - A user's Just-in-Time (JIT) access request has been accepted, rejected, or revoked by a Fudo Enterprise administrator.
    - A user has been granted access to new resources by a Fudo Enterprise administrator.
    - A user's access to Fudo ShareAccess has been trusted or revoked.
    - A user's Fudo ShareAccess account status has changed from Pending to Active, or from Active to Inactive.
    - The Fudo ShareAccess Organisation Manager is notified when an invited user creates their account and becomes eligible to share resources.
    - The Fudo ShareAccess Organisation Manager is notified when a resource access is pending and can choose to approve or reject it.
    - A user has shared a resource with another user.
- Added the ability to restart the SSH tunnel from Fudo Enterprise to Fudo ShareAccess.
- Added the ability to forcefully unpair Fudo Enterprise from Fudo ShareAccess.

BUG FIXES

- Resolved an issue that prevented some clients from establishing a connection through the Webclient.
- Fixed an issue where requests to shareaccess.com—such as Invite and Revoke actions—incorrectly returned an "Invalid Signature" error.

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- Fixed an issue where Fudo Enterprise did not display an error message when an invitation to Fudo ShareAccess failed; an appropriate error message is now shown in such cases.
- Fixed an issue that prevented the use of an IP label as the Bind IP in a Fudo ShareAccess connection configuration.
- Resolved a Dashboard display issue where node replication was falsely marked as disconnected, despite the cluster being fully operational.
- Fixed an issue where multiple redundant OCR processes could start after a Fudo reboot, causing unnecessary resource consumption.
- Resolved a hotseat-related issue where configuring a custom "Resource in use" message under *'Resources > USER PORTAL > RDP Hotseat'* could trigger a *'CommandTemplate'* is not defined error in the logs.
- Resolved an issue where generating a QR code for Fudo Officer pairing could result in a 502 Bad Gateway error, caused by API service failure due to unparseable metadata in a stored certificate.
- Fixed an issue where OTP could not be generated for connections restricted by subnet masks and account name.
- Resolved an issue in LDAP Synchronization where configurations with multiple sources and mappings could result in inconsistent synchronization behavior.

KNOWN ISSUES

- Password changer may not function correctly when `transport_bind_ip` is set to `Any`. This issue typically affects configurations that were modified in recent versions. Instances of password changers that have not been altered since earlier versions are expected to work as intended.
- Limited LAPS support: Only the Legacy version of Microsoft LAPS is currently supported. In some environments, LAPS functionality may be entirely unavailable.
- Several issues have been identified when connecting to VNC servers via the web client.
  - VNC sessions may fail to load entirely, and web client behavior is inconsistent.
  - Native connections to VNC servers using regular accounts (with stored credentials) still prompt users to manually enter credentials.
- When using native clients to connect through forward accounts with the "Authenticate against server" option enabled, connections may fail to establish. Disabling "Dynamic Virtual Channels (DVC)" in Safe settings allows the connection to succeed.
  Note: DVC is directly related to GFX driver support. Turn off this option to disable GFX support if you experience performance issues. Disabling this option is also required to restore xrdp compatibility.

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- 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

- **Support for transparent and gateway modes** in the listeners configuration will be removed in Fudo Enterprise 5.7. Fudo Enterprise **5.6 will be the last version to support these modes**. We recommend reconfiguring all listeners to use **proxy or bastion** mode in preparation for future upgrades.

- 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.

GFX Support

Note: If performance issues occur, you can disable GFX support by turning off the Dynamic Virtual Channels option for the safe in the Functionality tab. Disabling this option is also required to restore *xrdp* compatibility.

MIB Definition Update

Note: Starting from 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