

10ZiG

MANAGER™

Tech & Firmware Notification

10ZiG Manager™ 5.5.0.0

March 6, 2026

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Component Versions

Manager Server version: 5.5.0.0

Web Console version: 5.5.0.0

Secure Connector version: 1.0.2.7

License Manager version: 1.0.2.7

MySQL Server version: 8.0.44

MySqlConnection: 2.4.0

BouncyCastle Library: 2.6.2

Included XTC Agent version: 2.1.0.23

Trust Center Connector version: 5.4.2.1

PXERecoveryLinux version: 6.25.0428.1106

10ZiG Manager™ Server

New Features/Enhancements

Updated MySQL Server version to 8.0.44.

Migrated from MySQL .NET Connector to MySqlConnection (to address WCF Timeout / WinAuth timeout errors).

Increased WCF message handling limits to 128MB.

Set WCF Bindings to 64k (max).

Recreated/reconnected faulted WCF channels.

Converted MySQL tables to use InnoDB engine and add appropriate indexes to improve query and stored procedure performance.

Switched to MySQL stored procedure for improvements in populating clients during successive check in at start.

Reworked group population logic to leverage MySQL stored procedures and functions.

Reduced default RegistrationPoolSize to 16 for further reduction in MySQL CPU startup load.

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Reworked standard console group tree loading to retrieve all groups without client list initially and only get full client list for the selected group.

Added logic to prevent concurrent and quick successive ClientView refreshes for 5 seconds.

Implemented limited concurrency and queued processing for MgrJsonRpcService "connected" message handling. Increase standard console refresh interval default and minimum to 60 seconds.

Added support for WCF Trace Logging.

Fixed Issues

Reduced size-over-wire of ThinClient object to minimize ThinClientList transmission size.

Released database connections for queries with null database reads.

Fixed WCF timeouts/crashes with new per call WCF client.

Updated Registration Queue shutdown logic to prevent hanging on service stop.

Fixed stored procedure logic for main 'Thin Clients' group population.

Further tuned MySQL connection pool to avoid exhaustion.

Fixed standard console search failing due to timeout.

Fixed standard console 'ReliableSession' inactivity timeout of 20 minutes.

Standard Console freezes when right-clicking on client during or after configuration retrieval.

Manager automatic firmware addon installation is looping despite client already having the addon(s).

RAM doesn't populate for Trusted Zero Client properties.

Remove cached client count - Thin Client Group.

Thin Client group counts don't refresh on Manager notification.

Database metadata mismatch causes failure to start MySQL 8.0.44.

Note: Updating to 5.4.2.24 will clear your audit log due to the incompatibility with the new MySQL Version. This data is automatically backed up during the update if it is needed, but cannot be re-imported.

Removed exclusion of "user/system/files/config.xml" from config templates.

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10ZiG Manager™ Web Console

New Features/Enhancements

Implemented pagination for web console (optimize web console loading).

Thin Client Refresh Debouncing - SignalR / Web Console Controller v5.

Thin Client Debouncing Logs (Debug) - Manager Syslog.

Deposed of Debouncing Timers.

Disabled auto-refresh timer and callback.

Performed a factory reset of the device prior to templating the device.

Fixed Issues

Disabled caching of ThinClient list in session state to help mitigate excessive memory consumption.

Web console thin client view is blank for large databases.

Web console loading bar was inconsistent.

Pressing the search button would return incorrect results.

Session inactivity timer was not terminating idle sessions.

Multiple device firmware update option is not available in the context menu.

Cannot upload firmware from the Web Console

Web console was erroneously returning to page one.

Right clicking on a device on any page other than page one would cause the thin client row to be deselected.

Resize Cursor missing for Thin Client Grid header.

Web Console toolbar blocks search bar for small windows or zoomed in browser.

Comment Field Not Accepting Input in 10ZiG Manager 5.4.2.0.

Conditionally removed Extended Info object from Thin Client data.

Session Extension confirm action results in a logout.

License Type Field Missing in Web Console.

Backup & restore selects, but does not switch to Image Recovery tab.

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Typo within Tour Guide.

Some loading dialogs ran indefinitely.

10ZiG Manager™ Secure Connector

New Features/Enhancements

Integrate Secure Connector to v1.0.2.7.

Trust Center Connector

New Features/Enhancements

USB Device Applet - List all devices plugged in, allow switching bridge mode.

Merged All Valid Reported Properties with Desired when Generating a Template.

Keyboard Language setting support.

Fixed Issues

Info button in Configuration Templates window shows undefined fields for TCC templates.

Removed display message for TCC units in scheduled task, since Linux only option.

Importing a TCC template throws an error.