



Rocket® Exceed TurboX

Release Notes

12.5.3

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1. Release Notes

Introduction

These Release Notes provide an overview of Rocket® Exceed TurboX 12.5.3, including new features, delivery information, and supported platforms.

Rocket Software recommends that you read these Release Notes in conjunction with the documentation included with the software package. If any conflicts exist, the Release Notes supersede the other documentation.

We also recommend that you check customer support for any patches or documentation updates that may have been posted after the initial release of this product.

Release Notes revision history

Revision date	Sections revised	Description of revisions
2025-02-27	First release.	All new content.

About Exceed TurboX 12.5.3

This section provides an overview of Rocket® Exceed TurboX 12.5.3.

Exceed TurboX (ETX) is a web-based platform that enables users to launch UNIX and Windows desktops and applications over the internet. ETX provides IT with a central platform to monitor and manage user access to systems. It provides users with a seamless experience, where desktops and applications running on remote hosts look and feel as though they are running locally.

New features

Exceed TurboX 12.5.3 includes the following new features.

Support arbitrary resolutions with Direct sessions on Windows desktop

Added support for arbitrary resolutions with Direct sessions on Windows 10/11. (RDS mode enabled for Windows desktop). ETX-14410

Linux native client launcher packages in .deb format

Added Linux native client launcher packages in .deb format to be used in Debian Linux. ETX-14587

Native Mac client on ARM based Apple Silicon M-series

Added native Mac client to run on Apple M-series chips included models M1, M2, M3 and M4. ETX-19097

Mouse cursor in Web client

Enabled mouse cursor display on handheld devices such as iPad or iPhone when running Web client. ETX-22546

Additional notification before signing users out

Provided new option in "Site Settings->Security->Website->Give x minute warning" to notify to users before ETX session exits. ETX-22905

ETX Server support for Aarch64

Added support for Aarch64 to ETX Server. ETX-22330

Request to provide users with notification before ETX dashboard logs out

Added ability to provide users with notification before ETX dashboard logs out. ETX-22905

Restrict browsing drives in file transfer based on group policy restrictions

Added group policy restrictions to restrict browsing drives in file transfer. ETX-23826

Watermark feature request for the WebClient

Added the watermark feature for the Exceed TurboX Web client. ETX-24754

Sharing with resizing policy Dynamic, ability to enable scaling to eliminate scrollbars or increase the window size

Added the ability to enable scaling to eliminate scrollbars or increase the window size when sharing sessions. ETX-25159

Need to get a list of connected ETX cluster members programatically by REST API

Added a REST API option that gets a list of connected ETX cluster members. ETX-25379

Ping Metric chart in ETX Performance Panel

Added ICMP Ping Metric chart to ETX Performance Panel using flag proxy.PingGraph=1 in Profile settings. ETX-26527

Disable reporting functionality and hide the reporting tab

Added option to disable reporting functionality and hide the reporting tab in Server Manager. ETX-25549

ETX to support LDAPS server certificate verification

Added support for LDAPS server certificate verification. ETX-25630

Notification for expiring HTTPS Connection Node certificate

Added a notification for expiring HTTPS Connection Node certificates. ETX-25874

Customer needs API call to add an LDAP Group to an ETX User Group

Added an API method that adds an LDAP Group to an ETX User Group. ETX-26307

ETX OTDS option to force lowercase for username

Added an OTDS option to force lowercase for the username. ETX-26308

Prevent multiple pop-ups when using AllowCopyFromX=n undoc flag

Changed ETX behavior to display only one pop-up message when using the `AllowCopyFromX=n undoc flag`. ETX-26363

USB Redirection: Support Device Selection by String

Added the ability to use device names to redirect USB devices. ETX-26499

Add API called to retrieve a session snapshot

Added an API method to retrieve a session snapshot. ETX-26525

Event filtering for VDI environment

Added event filtering for VDI environments. ETX-26540

Add H.264 Decoder support to Linux Client

Added H.264 Decoder support to the Linux Client. ETX-26681

Enable / disable "load template" when editing profiles

Added the "Change profile template" setting that determines whether users can access options allowed in certain templates. ETX-26682

Options to allow admin users to manage personal templates

Added options that allow administrators to manage personal templates. ETX-26687

Ability to create templates accessible only to a specific user group

Added the ability to create templates accessible only to a specific user group. ETX-26698

Possibility to lock template to "specific node/group" while specifying node/group in the profile

Added the ability to use separate locks for "Node/Group name" and "Node targeting" settings so they can be individually locked or unlocked. ETX-26699

Limit how much can be copied to ETX Session

Added functionality that allows users to copy to ETX without being limited by the proxy.AllowCopyFromX value. ETX-26821

Feature request to add a sticky option for "Scale Root Window"

Added an option to make the "Scale root Window" setting in a shared session remain in effect until it is changed by a user. ETX-26881

Feature request that .zip crash reports to be Deflate instead of Zstd (method 93)

Crash reports file compression was changed to allow easier manipulation with tools included with current Linux distributions. ETX-26879

Added a user attribute to prevent users from editing the profile name

The new "Change profile name" attribute controls whether users can change the profile name.
ETX-26980

Customize Dashboard title

Added ability to customize ETX Dashboard title. ETX-27036

Requesting the ability to access profile folder by clicking on it

Added the ability to access the profile folder by clicking on it. ETX-27049

Standardisation of Subject field in etxc and etxlauncher Digital Signatures/Certificate

Standardized the Subject field in etxc and etxlauncher Digital Signatures/Certificate. ETX-27068

Remove world and-group-readable permissions from xstart files

Removed world and group-readable permissions from xstart files. ETX-27073

Xstart username macro?

Enhanced support for Xstart macros to allow passing in the dashboard login username. ETX-27088

Ability to support LDAP groups with Multiple LDAP accounts

Added the ability to support LDAP groups with Multiple LDAP accounts. ETX-27118

Capture Node status API results state other than true or false

Enhanced REST API to capture the true Node status (e.g., Disabled, Enabled, Error, or Preparing) instead of just True or False. ETX-27172

Added a Rest API method to gather historical active/suspended sessions by Node Group ID

The 'where_node_group_id optional parameter' was added for "/v2/reports/sessions/totals" call.
ETX-27254

Added the capability to run a logon script when users log on to the ETX dashboard

The `Sign-in script` option was added to the Server Manager Site Settings page **Authentication** tab.
ETX-27293

Requesting Autocopy to be available for joined sessions

Made Autocopy available for joined sessions. ETX-27317

"Purge records from database after export" for REST API

Added the `purge_records` optional query parameter for "GET /v2/log/server/activity" API. ETX-27351

LDAP group changes don't take effect until user logs in to ETX portal.

ETX now refreshes LDAP groups after an API key authentication. ETX-27352

"Export Users list" should produce output that is usable by "Import users"

Changed "Export Users list" so that it produces output that is usable by "Import users". ETX-27386

Direct RDS Sessions Now Default on Windows Desktop

Direct sessions on Windows 10 and Windows 11 now default to RDS mode instead of Console mode.

Direct RDS mode benefits include: * Audio, printer, USB, drive and home directory redirection * Arbitrary monitor count and resolution support regardless of remote display driver * Attached remote monitors never show screen content regardless of remote display driver * Application mode (running an application by itself without a full desktop)

To force the previous Console mode, in the Profile's *Advanced mode* → *Startup* tab check the *Use console session* option. ETX-23715

Known issues

The following known issues exist in this release:

No Direct RDS Session Support on Windows 11 24H2 and Server 2025

The recently released Windows 11 24H2 and Windows Server 2025 require a WDDM Indirect Display Driver for Direct RDS sessions, but this driver is not yet shipped with ETX 12.5.3. This means Direct sessions launched on these Windows versions fall back to using Direct Console mode where the following are not supported: * Device redirection for audio, printers, USB, drives and home directories * Application mode (running an application by itself without a full desktop) * Multiple users connecting to the same machine simultaneously

A WDDM Indirect Display Driver will be shipped with a newer ETX version.

Discontinued and deprecated features

The following features have been discontinued in this release:

None.

Downloads

Downloads for Exceed TurboX are available on [My Support](#).

Documentation

Documentation for Exceed TurboX is available on docs.rocketsoftware.com.

Note

Documentation that is installed with the product or packaged with the product download is current at the time of release. Online documentation includes updates made after a release.

Related documentation

The following list contains supplemental product information about Exceed TurboX as well as documents that contain information about supporting or related products. For additional information about Exceed TurboX, refer to the following documents

- Exceed TurboX 12.5.3 Dashboard and Client User Guide
- Exceed TurboX 12.5.3 Installation and Configuration Guide
- Exceed TurboX 12.5.3 Server Manager Administration Guide

Supported environments and compatibility

This section provides details about supported platforms, systems, and versions.

Supported systems

ETX component	Supported systems
ETX Server	Red Hat® Enterprise Linux® 7.9 or later x86-64
	Red Hat Enterprise Linux 8.8 or later aarch64
	SUSE® Linux Enterprise Server 12.5 or later x86-64
	SUSE® Linux Enterprise Server 15.5 or later aarch64
	CentOS 7.9 x86-64
	Oracle Solaris SPARC 11.4
	Oracle Solaris x86-64 11.4
	Ubuntu 20.4 or later aarch64
	Ubuntu 18.04 or later, x86-64
	Windows Server® 2016, 2019, 2022 x86-64
Connection Node	Red Hat Enterprise Linux 7.9 or later x86-64
	Red Hat Enterprise Linux 8.8 or later aarch64
	SUSE® Linux Enterprise Server 12.5 or later x86-64
	SUSE® Linux Enterprise Server 15.5 or later aarch64
	CentOS 7.9 x86-64
	Oracle Solaris SPARC 11.4
	Oracle Solaris x86-64 11.4
	Ubuntu 20.4 or later aarch64
	Ubuntu 18.04 or later, x86-64

ETX component	Supported systems
	IBM AIX® 7.2 TL4 or later 64-bit
	Windows 10 and Windows 11 x64
	Windows 11 ARM64
	Windows Server® 2016, 2019, 2022 x86-64
	Windows Server® 2019, 2022 ARM64
Client	Windows 10 x86 and x64, Windows 11 x64
	Windows 11 ARM64
	Windows Server® 2016 and 2019, 2022 x86-64
	Red Hat Enterprise Linux 7.9 or later
	x86-64 CentOS 7.9 x86-64
	Ubuntu 20.4 or later aarch64
	macOS™ 10.15 (Catalina) or later x86-64
	macOS™ 10.15 (Catalina) or later ARM64

Supported Web browsers

Web Browsers	Microsoft Edge®
	Mozilla Firefox®
	Google Chrome™

Apple Safari®

Supported Graphics Processing Units (GPUs)

For OpenGL server-side rendering, ETX supports any compliant OpenGL GPU and driver that works with X.org.

For video encoding, ETX supports encoding with NVIDIA, AMD and Intel GPUs.

Feature	AMD	NVIDIA	Intel
H.264 4:2:0	✓	✓	✓
H.264 4:4:4	✗	✓	✗

Language support

The Exceed TurboX user interface is localized in the following languages. Additional languages may be available in future releases.

EN

DE

FR

IT

ES

KO

JA

ZH

TW

Installation and upgrade notes

Before you upgrade, review the instructions in the *Exceed TurboX 12.5.3 Installation and Configuration Guide*.

Installation Notes

Before you install Rocket Connectivity products, review these additional installation notes.

To install Rocket Connectivity Version 12.5.3:

1. Visit [My Support](#).
2. Locate the Exceed TurboX installation packages.
3. Download the installation package/file. You can download:
 4. a product ISO file which can be mounted or burned to physical DVD media.
 5. a DVD ESD self-extracting executable file which will expand the DVD contents to a folder on your computer.
6. In the distribution media, run `Setup.exe` to continue the installation process.
7. Follow the on-screen prompts to complete the installation.

Upgrade notes

Before you upgrade, review these instructions:

If you are upgrading from versions of Exceed TurboX older than 12.5, you will need to redeploy the ETX Client Launcher to users after you upgrade Exceed TurboX Server.

Fixed Issues

Issue number	Issue description
ETX-26930	Fixed an issue with suspended sessions that are displayed as defunct.
ETX-26793	The Dashboard now gets refreshed when the Customize group profiles option is changed.

Issue number	Issue description
ETX-26952	Fixed an issue with etxproxy processes that are displayed as defunct
ETX-27192	Fixed a performance issue caused by slow "LIST" View loading in the ETX Dashboard
ETX-27327	Fixed an issue that caused a 404 error when adding an LDAP group that was not on the list of GET /v2/usergroups/ldap but existed on the LDAP server.
ETX-27411	Fixed an issue that prevented Audio from working when running a Linux Client in a Windows Direct session.
ETX-21369	Fixed an issue with Close session in web client that gave wrong behaviour compared to Windows/Linux/Mac clients.
ETX-27024	Fixed an issue with ProfileExpImp permission to prevent importing profiles from dashboard.
ETX-27126	Fixed an issue that might cause error when running etxssh.exe -V.

2. Notices

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Note: This product may contain encryption technology. Many countries prohibit or restrict the use, import, or export of encryption technologies, and current use, import, and export regulations should be followed when exporting this product.

Corporate information

Rocket Software, Inc. develops enterprise infrastructure products in four key areas: storage, networks, and compliance; database servers and tools; business information and analytics; and application development, integration, and modernization.

Website: www.rocketsoftware.com

Contacting Technical Support

The Rocket Community is the primary method of obtaining support. If you have current support and maintenance agreements with Rocket Software, you can access the Rocket Community and report a problem, download an update, or read answers to FAQs. To log in to the Rocket Community or to request a Rocket Community account, go to www.rocketsoftware.com/support. In addition to using the Rocket Community to obtain support, you can use one of the telephone numbers that are listed above or send an email to support@rocketsoftware.com.

Rocket Global Headquarters
77 4th Avenue, Suite 100
Waltham, MA 02451-1468
USA

Country and Toll-free telephone number

To contact Rocket Software by telephone for any reason, including obtaining pre-sales information and technical support, use one of the following telephone numbers.

- United States: 1-855-577-4323
- Australia: 1-800-823-405
- Belgium: 0800-266-65
- Canada: 1-855-577-4323
- China: 400-120-9242
- France: 08-05-08-05-62
- Germany: 0800-180-0882
- Italy: 800-878-295
- Japan: 0800-170-5464
- Netherlands: 0-800-022-2961
- New Zealand: 0800-003210
- South Africa: 0-800-980-818
- United Kingdom: 0800-520-0439