

10ZiG

PEAKOS™ REPURPOS™
NOS™

Tech & Firmware Notification

PeakOS™ / RepurpOS™ / NOS™ - v16.5.40

July 15, 2026

General 16.5.40:

This release contains a round up of all 16.5.39.x hotfixes into what is aimed as a final 16.5 branch release, prior to moving forwards with the 16.6 branch release and based on Ubuntu 24.04 LTS.

The complete release changes are outlined below. Major highlight changes include several fixes to AVD, notably around disconnects and freezes as outlined below.

Updates to 10ZiG Secure Browser, including now being used as default authentication browser replacing Firefox. Additionally Imprivata support for Omnisca Horizon Cloud (formerly Horizon Next-Gen) and Parallels CLI (Command line) based launcher.

Additional changes can be found below.

Client Versions

10ZiG Secure Browser - 144.0.7559.59

90meterN - 3.0.0.65

(S version available upon request for ALL builds)

Amazon Workspaces Client - 2025.1.5561-1-24

(Available upon request for PKOS and RPOS)

Apporto

(Available as an add-on for PKOS and RPOS)

10ZiG AVD Client 4.0.0 (4641)

(based on Microsoft SDK)

Chrome - 143.0.7499.109-1-22

Parallels Client - 21.0.0 (build 26247)

(PKOS and RPOS Only)

Anywhere Software Client (formerly Teradici PCoIP Client) - 25.06.3-22.04

(PKOS and RPOS Only)

Citrix Workspace App - 2505

Citrix Workspace App Add-on - 2508.10

Cisco Webex (Formerly Teams) Plugin - 46.6.1.35236

(Available as a combined Cisco Webex and Webex Meetings Firmware add-on. Older versions are available upon request).

Cisco Webex Meetings Plugin - 45.6.2.7

(Available as a combined Cisco Webex and Webex Meetings Firmware add-on. Older versions are available upon request).

Cisco JVDI Plugin - 14.3.1.308744

(Available as an add-on only for PKOS, RPOS, NOS-C and NOS-O)

Continued...

ControlUp Real-Time DX Plugin - 2.4.2509.9

(Available as an add-on for PKOS, RPOS, NOS-C and NOS-O)

ControlUp EdgeDX Plugin - 2.17-6932

(Available as an add-on for PKOS, RPOS, NOS-C and NOS-O)

Dizzion Frame - 7.9.8

(Available as an add-on for PKOS and RPOS Only)

Firefox - 91.7.1 ESR**FreeRDP - 2.9.0****FreeRDP - 3.5.1****Inuvika OVD Client - 3.5.0**

(Available as an add-on for PKOS, RPOS Only)

Leostream - 2025.1.2.0

(Available as an add-on for PKOS, RPOS Only)

Liquidware - 6.7.0-14

(Available as an add-on)

RingCentral Omnissa Plugin 26.1.30 (BETA)

(Available as an add-on for PKOS, RPOS, and NOS-O)

Note: Citrix is supported natively without any specific RingCentral add-on.

Omnissa Horizon Client - 2503**Omnissa Horizon Client Add-on - 2603**

(Available as an add-on for PKOS, RPOS, and NOS-O)

Zoom VDI - 6.2.11.25670**Zoom VDI - 6.4.12**

(Available as an add-on for PKOS, RPOS, NOS-C and NOS-O)

Known Limitations:

N/A

New Features/Enhancements**10ZiG Secure Browser**

Added "multiple windows" option to HTML GUI.

Replaced default browser Firefox with 10ZiG Secure Browser (Used for authentication browser for AVD/W365/RDWeb, Citrix, Omnissa Horizon, Password Reset URL portal).

Continued...

Updated Tzsecurebrowser (10ZiG Secure Browser) to 144.0.7559.59.

Time/Date

Added UTC Time Zone Option.

Supported 2 NTP servers for failover.

Network

Added support for network bonding.

Cleaned-up Open VPN Implementation - Log file name and Configuration Window name.

Added ability to select which wireless frequency to use.

Added GUI option that allows user to specify a different CA cert to the one that gets automatically configured in the wpa_supplicant.conf file.

Support for 4 DNS servers.

Added support for OKC / PMKSA (Opportunistic Key Caching).

Power

Added Hibernate option in Power Settings on 10ZiG laptop 7500qTAA.

Security/Certificates

Added support for signed update package (tzupg).

Hashed PSK in wpa_supplicant configuration file.

Support custom password for log bundles.

Strengthened the 10ZiG password encryption algorithm.

Updated libl3 to support the newer encryption algorithms.

Enabled USB whitelist missing from Security applet.

Removed ability to toggle password visibility once settings have been saved and closed.

Added Issued On and Expires On columns in certificate applet.

Added the ability to support multiple LDAP servers.

Ability to limit the options available on the power button menu.

Removed SSH from all builds (available as an add-on for troubleshooting).

Continued...

Smart Card

Custom PKCS11 Library for NASIC to use to log into AWS.

Imprivata

Added support for Horizon Next-Gen.

Updated Imprivata branding/logos.

Added support for local Imprivata inactivity timeout.

Add-ons / VDI Clients /3rd Party Programs

Supported NOS (NOS-P) style launcher for Parallels based on CLI mode for PeakOS and RepurpOS.

Added support for launching specific putty connections using the shell script.

Created Anyware Client 25.06.3 Add-on.

Created RingCentral 25.2.30 Add-on.

MISC

Removed Call Number field in System Logs applet.

Terminal name no longer requires machine to reboot, fix GUI text.

Added option to disable touchpad while typing.

Created a soft factory to be used by the manager.

Added support for exFAT file systems.

Added support for applying add-ons via USB.

Fixed Issues

10ZiG Secure Browser

Certificate self-signed popup selection not saved.

Opening shortcut multiple times with Private Browsing disabled opens full Chromium browser.

10ZiG Secure Browser, copy and paste shortcut keys not functional.

Display

Mouse cursor traversing issues with complex screen layouts.

Dual touchscreens cause incorrect touch mapping.

Continued...

Touch screen device calibration not functional with the Primary screen normal and the secondary monitor touch with rotation.

Add 'disable monitor hotplug' setting to work around some monitors failing to wake from DPMS.

Hot plugging with the displays set to Duplicate causes displays to flicker.

Blinking Cursor on boot with Dell P2424HT Touchscreen monitor (monitor has a built-in RJ45 to USB connector for touch functionality) which appears to trigger this issue.

Network

Fix netcs6 memory leak.

SCEP Enrollment fails with blank error.

SCEP certificate key length is 2048 regardless of key length dropdown setting.

LAN 802.1x (TLS/EAP) fails with "failed to parse private_key_passwd '[KEY DATA REMOVED]'" in wpa_supplicant.log.

Wi-Fi 6E AX210 using WPA3 fails to connect with 'No PSK available for association' error in wpa_supplicant log.

Printers

HP Printers missing hplip plugin library (HP Laserjet P1102W printer).

Integrate printer driver to support Canon LBP6030 printer.

VNC

Web console VNC window is tiny if monitor is off or in DPMS.

Desktop

Taskbar Power/Logoff option is not working correctly when using LDAP authentication.

Clicking cancel in VPN client applet prompted user to refresh desktop.

Support Information dialog shows NOT ASSIGNED for IP when a Static IP is set.

Launchpad moves to upper-left corner after waking from DPMS.

Custom Screensaver Files Are Not Saving into Template.

Missing Connections from Connection Manager.

Smart Card

USB-C Fortinet eFusion (SafeNet-based) smart card tokens not being recognized on 10ZiG thin clients.

10ZiG Manager PKCS-11 library list in the Manager does not display 90Meter-S library.

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Security

Issued on and Expires on date for PFX certificates shown as Unknown in Certificates applet.

Failed to block creating new connections from taskbar when 'Disable connection configuration' was enabled.

Disabled Launchpad Power Options Appear After Upgrading.

Imprivata

Imprivata background not sticking when applied through 10ZiG Manager.

Imprivata Phantom Rectangle Overlay on NOS builds.

10 – 20 second delay when authenticating in session using Imprivata virtual channel.

Imprivata "g_resources is not defined" error with Citrix Published Apps.

Imprivata inactivity timeout is not triggered when 'disconnect on lock' is enabled.

Imprivata - 'Microsoft Remote Desktop' error appears when resource launch is canceled.

Imprivata - Workspace One resource fails to launch with 'invalid launch URL'.

Imprivata Desktop Lock/Desktop Connection Switch does not appear to be working with Horizon Cloud Next Gen.

Cosmetic issues with Imprivata Launch Pad when configured with French Language.

Imprivata hangs on password prompt after failed secondary authentication (Prox + Password).

New RFIDEas card readers enrolling with incorrect ID and facility code.

Sound

Default Monitor Audio is not picked up unless the monitor is powered on when the device is booted.

Zoom test speaker button fails to play audio.

5250

Duplicate 5250 Session Icons in Connection Manager.

5250 Emulator Window Manager Behavior in Portal - cannot be moved, resized, minimized, or maximized. On lower-resolution displays.

Add-ons / VDI Clients / 3rd Party Programs

Newer Add-ons and connection types may not populate run status to PKOS portal mode.

ThinPrint Add-on fixes (broken symlinks and other issues).

Parallels Client: 20.2.25889 does not redirect client drives.

Continued...

AWS Workspaces logins that use *Okta/SAML authentication* fail due to the browser not properly handling the {{workspaces://[TOKEN]}} redirect protocol.

New Parallels Client (20.2) failing to launch.

MISC

Configuration tabs missing the header description.

Selecting "Allow user to postpone the upgrade" cancels out the "Reset to factory default first" value when performing a firmware update.

Custom icons not carried in the template.

EFI.tgz / signatures.tgz files missing from client causing download from peer DFV process to fail.

RepurpOS™ v16.5.40

New Features/Enhancements

Added support for Iris XE chipset.

Updated GRUB2 to a newer version.

Added support for add-in NIC.

Fixed Issues

Lenovo hardware unable to connect to Wi-Fi with RPOS.

Desktop fails to start on Dell Latitude 7420 laptop.

ISO of RPOS fails to boot on VMs.

RPOS Installer & ISO Builder appear on desktop after upgrading.

Desktop failed load with Intel MTL-based GPUs.

RPOS failing to boot on Lenovo ThinkCentre M75Q Gen 5.

AMD Athlon Silver 7120U / Radeon iGPU – No Display Output.

Add drivers for MediaTek wireless card.

Continued...

Citrix PKOS, RPOS and NOS-C 16.5.40

New Features/Enhancements

Integrated CWA 2505.

Launched Citrix receiver for web with 10ZiG Secure browser.

Created CWA 2508.10 Add-on.

Supported CTRL+ALT+UP / DOWN hotkeys.

Showed Last User in 10ZiG Manager for Citrix Web API.

Fixed Issues

Bypass Detect Citrix Workspace prompt for Receiver for Web.

Philips Virtual Channel not functional for NOS-C/RPOS.

Citrix StoreFront Receiver for Web unable to connect.

Receiver for Web Smart Card Authentication shows "you cannot log on using a smart card."

Typo in Citrix Error Message.

Citrix Window switching failing in session to local desktop.

Webex VDI plugin disconnects after installing EdgeDX add-on on NOS-C firmware.

Citrix Storefront resources failing to launch after launching 1st app successfully.

Microsoft PKOS, RPOS and NOS-M 16.5.40

New Features/Enhancements

AVD Client: added "mouse" "kbd" and "pix" new categories to reduce log verbosity.

Allowed the usage of Microsoft web authenticator also for credentials based authentication.

Added option --nocachedcred to avoid using the cached credentials at SDK API OnCredentialAuthChallenge.

AVD Client: Added support for FIDO2 secure keys Entra ID authentication.

Added parameter to select the default GUI Legacy / Windows App.

Added HTTPS Proxy support to all the https requests. QT5, CEF browsers, CRL/OCSP revocation, Graph.

Added support for redirecting BitLocker encrypted drives.

Continued...

Integrated livCGCryptoki.so library for use with RDP SC Login.

Fixed Issues

AVD

AVD session freeze during disconnection or logout (black screen).

AVD Windows 11 session crashes after unplugging a headset while audio is playing.

Cursor update may cause session freeze or crash.

Teams optimization may cause session hang and reconnection joining a call.

AVD client debug log improvements to avoid RAM exhausting and improving USB drive log redirection.

RDP launcher debug log: enable log generation only when loglevel is different than "off".

Add TCP options to optimize retransmission and limit disconnections.

Improve log generation including crash stack trace.

Remove QT "network" component to avoid OpenSSL conflicts.

update the connection progress window using asynchronous messages.

Refresh expired token at desktop launch avoiding prompt.

AVD Potential disconnection caused by Clipboard redirection.

With RDP Shortpath enabled disconnecting from a session after a few hours of connectivity will initiate another MFA request.

Fails to intercept redirect URL in scloud environment.

Fix and improve server certificate verification.

Authentication Browser set to Microsoft now double prompts for creds, even when stored.

AVD desktops within Application Groups with same display names do not appear in the resource list.

AVD Smart Card Login failing with IDPrime smart cards.

Smart Card Service applet: Rename "Isosec fix" to "Check Status enhancement (Isosec, AVD)".

AVD Windows App refresh button closes app instead of refresh.

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Direct RDP/RDWeb

Single USB with 2x partitions mounts and behaves unexpectedly when connecting via RDP.

Login fails when the FabulaTech USB redirection plugin is enabled in the 10ZiG RDP client.

When using a touchscreen and connecting to a session via RDP, the right-click function (press and hold) does not work.

Omnissa PKOS, RPOS and NOS-O 16.5.40

New Features/Enhancements

Handled Horizon SAML login mode when default browser is disabled.

Added GUI option for protocol connection certificate checking mode.

Added server drop-down for multiple server addresses with smart card login.

Fixed Issues

Horizon Reconnect session option is not observed after a manager template including Desktop (Xorg) restart is initiated.

Slow Loading speeds using the Horizon Client on the 4448v.

When selecting smart card login on PKOS for VMWare Horizon Client, the Username and Password Box shows instead of "Insert Smart Card".

Generating a template with the kiosk login mode enabled captures the mac address and applies it to all units.

Horizon Launchpad Populates (Caches) Username/Password Upon Logout with Only Username Stored or Nothing Stored in Login.

Printer Icon in Horizon launchpad window tooltip titled "Time/Date Configuration".

Omnissa Workspace ONE Login Warning: Horizon Client Must Be Installed.