



Ivanti Secure Access Client Release Notes

22.7R1 Build 28369

22.6R1 Build 26825

22.5R1 Build 25375

22.3R3 Build 19959

22.3R2 Build 19787

22.3R1 Build 18209

22.2R1 Build 1295

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Overview

This is the release-notes document for Ivanti Secure Access Client . This document provides a cumulative list of all enhancements, fixes and known issues for 22.X Releases. If the information in the release notes differs from the information found in the documentation set, follow the release notes.

 Pulse Secure Client is re-branded as Ivanti Secure Access Client. Complete UX rebranding and the UI upgrade is implemented. There is also an option to switch between the Classic UI and New-UI to maintain user experience. The Pulse Secure client icon is replaced by Ivanti Secure Access Client icon . For more information refer [KB45301](#).

For information on End of Life (EOL) and End of Support of the Ivanti Secure Access Client, Ivanti conncet secure, and Ivanti Policy Secure see, [EOL Matrix](#).

Download the Ivanti Secure Access Client from [Software Download Portal](#). You need to have the login credentials to access the portal.

Ivanti Secure Access Client provides a secure and authenticated connection from an endpoint device (either Windows, macOS or Linux) to a Ivanti gateway (either Ivanti Connect Secure or Ivanti). For a complete description of the capabilities of Ivanti Secure Access Client, see online help within Ivanti Secure Access Client itself, or *Ivanti Secure Access Client Administration Guide*.

Noteworthy Information in 22.7R1

- Ivanti Secure Access Client do not support Windows 32-bit (x86). Latest ICS do not list the x86 installers.
- On existing version of ICS when 22.7.1 ISAC packages are updated, Windows 32-bit (x86) installers link will not work and when a user connects to ICS, an upgrade prompt displays but the upgrade fails.
- Auto upgrade is not supported for Windows 32-bit (x86) platform. An upgrade prompt may display but the upgrade fails on Windows 32-bit systems. Refer [Deprecation of Windows X86/32-Bit](#).
- macOS Big Sur is not supported from 22.7R1.

- When AOVPN and nZTA connections co-exists, users can access any resources by connecting to either the lockdown connection (L3) or the nZTA connection. If one connection is active, the client lifts the lockdown irrespective of other connection.

Noteworthy Information in 22.6R1

- Ivanti Secure Access Client is not supported on macOS Catalina.
- Ivanti Secure Access Client installer is enhanced to support dynamic Windows ISAC driver Interface IfType Ethernet/Virtual.
- The dynamic driver type functionality does not work when the client is auto-upgraded or upgraded through the Web Browser from 22.5Rx or older builds to 22.6R1.


Noteworthy Information in 22.3R3

- Ivanti Secure Access Client is enhanced to fix security issues. For more information, refer [Security Article CVE-2023-34298](#).

Noteworthy Information in 22.3R1

- On macOS13 Venture, PSAL/Setup client upgrade with the browser does not work. Manually click Download and install to install the client.
- Ivanti Secure Access Client may trigger infinite browser tabs when "Allow user to override connection policy" is set to false when using SAML authentication. Use embedded browser when using SAML authentication or set the "Allow user to override connection policy" to true.

Noteworthy Information in 22.2R1

- Pulse Secure Client is re-branded as Ivanti Secure Access Client. Complete UX rebranding and the UI upgrade is implemented. There is also an option to switch between the Classic UI and New-UI to maintain user experience. The Pulse Secure client icon is replaced by Ivanti Secure Access Client icon . For more information refer [KB45301](#).
- No FIPS specific client is available from release 22.2R1.
- Cache-cleaner, IE ActiveX are deprecated from release 22.2R1.

- Increased number of Split tunneling networks from 512 to 1024.
- DSA Certificate Authentication is not supported in FIPS mode.

New Features

The following table describes the major features that are introduced in the corresponding release.

Features	Description
Release 22.7R1	
Select Session Command	<p>The CLI provides an option to connect or cancel new sessions.</p> <ul style="list-style-type: none"> <code>-sessionselection connect</code>: Terminates the previous session and establishes a new session. When the maximum concurrent sessions are reached, the first session in the existing sessions will be terminated. <code>-sessionselection cancel</code>: Maintains the previous session without establishing a new session. It is equivalent to not utilizing the <code>sessionselection</code> parameter. <p>CLI format: <code>pulselauncher.exe -sessionselection <connect cancel> -url <url_of_server> -u <username> -p <password> -r <realm></code></p>
Support re-sizing of embedded browser	This feature allows the user to set the default size of the embedded browser as small or large.
Configurable MTU Size	<p>This feature allows administrators to configure the MTU size on the gateway.</p> <p>The default value is set to 1400, the values can range from 576 to 1500.</p>
Release 22.6R1	
EdgeWebView2 support for nZTA	<p>EdgewebView2 is used as the embedded browser on nZTA connections for SAML authentication and End-user portal. Single Sign-On for the nZTA connections (using the same Idp as windows), enhances end-user experience.</p>
Network Manager support on Debian Linux Client	Network Manager is supported on ISAC clients running on Linux OS.

Features	Description
	This feature uses Network manager service to set DNS server and domains without modifying the configuration file.
Support on Windows 11 23H2	Ivanti Secure Access Client now supports Windows 11 Windows 23H2 (OS Build 22631.2506)
Support on macOS 14 Sonoma	Ivanti Secure Access Client now supports macOS 14 Sonoma.
Release 22.5R1	
End User Portal Auto launch Suppression	An option for admin to control the auto launch of the End User Portal. On nZTA controller configure the option under Managed Devices --> Global Device Preferences --> Application control.
Enhanced Host checker validation	An option for admin to enable enhanced host checker validation for an ISAC connection.
Release 22.3R3	
No new features in this release.	
Release 22.3R2	
No new features in this release.	
Release 22.3R1	
Support on Windows 11 22H2	Ivanti Secure Access Client now supports Windows 11 22H2
Support on Windows 10 22H2	Ivanti Secure Access Client now supports Windows 10 22H2
Support on macOS 13 Ventura	Ivanti Secure Access Client now supports macOS 13 Ventura.
Support on Ubuntu 22.04	Ivanti Secure Access Client now supports Ubuntu 22.04.

Features	Description
Embedded browser DNS resolution when TTL is minimal	This feature ensures that embedded browser and client application gets same IP for the gateway and communicate FQDN to same gateway server.
Release 22.2R1	
Edge as External Browser	Ivanti Secure Access Client uses Microsoft Edge as external browser by default on all Windows platforms.
FIDO2 Password less Support	<p>Ivanti Secure Access Client uses Microsoft Edge WebView2 based Embedded browser, on all Windows platforms, for Captive portal, SAML, Custom sign-in, and SAML Single Logout (SLO). The embedded browser also supports FIDO2 passwordless Authentication.</p> <p>Ivanti recommends to download the Evergreen Bootstrapper software and run it on the endpoints. Software Download available at: https://developer.microsoft.com/en-us/microsoft-edge/webview2/#download-section.</p>
PSAL Browser Extension	This feature allows communication through browser extension instead of PSAL custom protocol. The browser extension allows to communicate to native host application installed on the client machine. The combination of native host application with the browser extension serves as the Pulse Secure Application Launcher (PSAL).
Replace OpenSSL FIPS module with wolfEngine/wolfSSL	OpenSSL FIPS module is now replaced with wolfSSL through wolfEngine. This feature allows single client installer for FIPS and non-FIPS users.
Debian 11 qualification	Ivanti Secure Access Client is qualified on Debian 11 platform.
Ivanti Secure Access Client upgrade through browser	This feature allows administrators to control role level auto upgrade of Ivanti Secure Access Client on browsers.

Fixed Issues

The following table lists issues that have been fixed and are resolved by upgrading to this release.

Problem Report Number	Summary
Release 22.7R1	
PRS-418768	Unable to upgrade client through SCCM/msiexec from 9.1R15 to ISAC 22.6R1.
PRS-418645	Unable to upgrade client from 9.1.15 to 22.3.3.
PRS-418634	ISAC Client on MAC OS Sonoma unable to complete connection and crashes.
PRS-418193	Invalid Server Certificate on macOS Workstations with ISAC 22.5R1 caused by JAM UI Plugin Loading Issue.
PRS-418164	HC Logs in User Access shows Local Username instead of VPN Username while using Embedded Browser.
PRS-418158	Secure DNS Blocking fails after upgrading to 22.6R1.
PRS-417897	Heap Corruption due to repeated connect/disconnect of PSAM using pulselauncher.exe.
PRS-417598	Uninstall ISAC 22.5R1 fails and rollback.
PRS-417589	Delayed response/disconnection to backend resource application after upgrade to ISAC client on Mac OS (Ventura).
PRS-417520	Crash observed often when using connect/disconnect to PSAM repeatedly through pulselauncher.exe
PRS-417288	Ivanti Desktop Client menu responsiveness between Dock and taskbar issue on Mac.
PRS-416723	BSOD observed on 22.3.2.19787 when PSAM is enabled.
PRS-416402	Ivanti client on Mac prompts for upgrade when any of the components on the user machine are lower then the server.

Problem Report Number	Summary
PRS-415882	Crash noticed in PSAM access through Pulse launcher.
Release 22.6R1	
PRS-417416	ISAC client installation/uninstallation issue is observed when upgrading to latest version.
PRS-417410	Embedded browser is allowing file downloads through Captive Portal.
PRS-417373	Unable to upgrade client through SCCM from 9.1R15 to ISAC 22.3R3
PRS-416994	Customized Branding LOGO size is not proportionate for ISAC client.
PRS-416852	Wireless 802.1x session not resuming when machine wakes up from sleep.
PRS-416790	Slow Login Prompt Presentation on ISAC After Clicking 'Connect' on Mac Machine.
PRS-416426	While installing 22.3R2, Outlook dependencies / Files In Use warning displays.
PRS-416383	On 22.3 client, automatic selection of user certificate fails certificate authentication with YubiKey-based certificates.
PRS-416363	RDP Connection Drops consistently with ISAC 22.3.2 (FIPS).
PRS-416310	VM crashes when ISAC is installed and PSAM based access mechanism is used by VPN users.
PRS-416166	When the Hyper-V feature is enabled on Windows 11 (Enterprise), ISAC disables the WLAN functionality.
PRS-415197	Client log collection prompts for admin credential as standard user on Mac OS.
PRS-414982	Sign-out command only works with first matched URL.
PZT-40377	When powering on back from sleep/suspend, the ISAC UI crashes with the message "The application PulseUI has closed unexpectedly".
PZT-38894	Disable splash screen not working in ISAC 22.3R1

Problem Report Number	Summary
Release 22.5R1	
PRS-416363	RDP Connection drops consistently with ISAC 22.3.2 (FIPS)
PRS-416133	Ivanti secure access client gives Server certificate trust error when connecting using the IP address which is already present in SAN.
PRS-416019	The LDAP authentication in ISAC 22.Rx is not functioning properly when used in conjunction with the primary SAML server.
PRS-415808	End-users are not able to connect to VPN due to Captive Portal issues when using with Always-On-VPN.
PRS-415790	When New UX for ISAC client is selected, on reboot auto launches the UI.
PRS-415778	Session script does not execute on MacOS if set to run at the end of the session.
PRS-415108	Split DNS: excluded split tunneling resources are being resolved by IVE DNS first.
PRS-414373	[macOS] Hostname changes after connecting to the ISAC.
PSD-13884	[macOS] internet traffic is getting blocked and save logs is not working after sleep and resume when SSID changes.
PSD-14514	[macOS] SAML Certificate Based Authentication fails via Embedded Browser
PSD-14358	[macOS] Not prompting proper error messages while downgrading the client.
PZT-39506	MTU size varies for Virtual adapter when connecting to ZTA gateways, causing packet loss.
PZT-40652	Windows clients enrolment always fails on the corporate machine but works on private machine.
Release 22.3R3	
PRS-416363	RDP Connection Drops consistently with ISAC 22.3.2 (FIPS)

Problem Report Number	Summary
Release 22.3R2	
PRS-416175	[Windows] VPN stop script not honored for Always On VPN.
PRS-415674	[Windows] SplitDNS Proxy functionality does not work with Apex One Personal Firewall Service.
PRS-415370	[Windows] When using the Edge embedded browser, in a proxy environment, the captive portal may not display correctly to allow the user to authenticate/login to the captive portal.
PRS-414083	[Windows] When using the Edge embedded browser, in a proxy environment, the captive portal may not display correctly to allow the user to authenticate/login to the captive portal.
PRS-415263	[Windows] Intermittently observed the BSOD issue when the Skyhigh antivirus is installed on the endpoint with ISAC client.
PRS-415223	[Windows] When Split DNS is enabled and system hibernates, after resume VPN shows as connected but resources are not accessible.
PRS-415194	[Windows] Switching NIC causes the secondary connection to be unstable.
PRS-415161	[Windows] Wi-Fi connection does not re-connect automatically and fails with unknown error when the system wakes from sleep mode.
PRS-415073	[Windows] On upgrade, the RDP session in full screen mode does not display properly.
PRS-414885	[Windows] When using the Edge embedded browser, in a proxy environment, the captive portal may not display correctly to allow the user to authenticate/login to the captive portal.
PRS-414879	[Windows] Pulse Secure Service crash observed intermittently.
PRS-414801	[Windows] Preconfig file not getting deployed on the client PC using msixexec command.
PRS-414668	[macOS] ISAC interface launches on MACOS after reboot.

Problem Report Number	Summary
PRS-414512	[Windows] ISAC 22.3.1 crash observed on Windows 10.
PRS-414355	[Windows] User Tunnel with SAML Authentication is showing error with ISAC 22.x when multiple realms are configured using same sign-in policy.
PRS-414262	[Windows] On some machines, when client version is manually downgraded (uninstall and revert to an older version) the connection is stuck in "Securing Connection" phase.
PRS-414210	When using Cert Auth with LDAP as secondary, unable to complete authentication on the linux client or New UI with Windows or Mac.
PRS-414164	[Windows] Ivanti Secure Access Client fails to connect with FIPS enabled on the connection store.
PRS-414098	[Windows] PSAM Based FQDN Deny resource while accessing shows Internal Error in 9.1R15 Client.
PRS-414083	[Windows] When using the Edge embedded browser, in a proxy environment, the captive portal may not display correctly to allow the user to authenticate/login to the captive portal.
PRS-413929	[Windows] Connect Button is greyed out in New-UX when SAML is the primary authentication method and TOTP is secondary authentication method.
PRS-413897	[Windows] The Host Checker plugin fails to initialize, resulting in the failure of login to the VPN server.
PRS-413858	[Windows] PulseSecureService crashes post enabling DDNS registration.
PRS-413631	[Windows] After user connected to VPN and got assigned to IPv4/IPv6 Dual stack, occasionally the IPv6 address changed from "Preferred" to "Duplicate".
PRS-413610	[Windows] Crash (BSOD) on Windows (Dell laptops) while powering on back from hibernate mode when using ISAC -22.2R1

Problem Report Number	Summary
PRS-413597	[macOS] Packet loss and latency spikes are noticed with Ivanti Client 9.1R13 and above when Split tunnel and proxy pac is used on Mac OS.
PRS-413549	[Windows] Embedded Browser fails to detect the Secondary Monitor position (Left or Right Side).
PRS-413382	[macOS] Ivanti Secure Access Desktop Client fails Signature check when verifying with SuspiciousPackage.
PRS-413376	[Windows] ISAC hung in Disconnecting state.
PRS-412774	[Windows] Pulse Secure Service crashes intermittently.
PRS-412097	[Windows] ISAC deployment through SCCM fails when the setup client installation fails with any issue.
PRS-411934	[Windows] Location awareness evaluation may not work as expected when switching the network interfaces LAN to Wi-Fi and vice versa.
Release 22.3R1	
PRS-414036	Resizing of ISAC default view on Embedded Browser.
PRS-413521	[Mac OS] Ivanti Secure Access Client interrupt's shutdown during initial attempt.
PRS-413518	[Mac OS] Ivanti Secure Access Client UI issue in German Version.
PRS-413455	Host checker takes long time in phase checking compliance.
PRS-413442	[Mac OS] Memory leak seen after upgrading client to PDC 9.1R15 on mac OS Monterey.
PRS-413412	Ivanti clients from ICS 22.2R1 Build 1295 is identified as older client than ICS9.1R15 build 15819 in VMware workspace one UEM
PRS-413424	[Mac OS] Ivanti secure access client unable to stop Startup application on Mac.
PRS-413212	Yubikey not able wrap the keys
PRS-413036	Ivanti Secure Access client crash with IveConnMethod.dll

Problem Report Number	Summary
PRS-412811	Inconsistencies in ISAC 22.2R1 UI for Chinese language (Traditional and Simplified)
PRS-412732	The UI mode option is disabled when the ReactNative package fails to install.
PRS-412692	[Mac OS] Authentication Rejected by server on using Custom Sign-in page.
PRS-412216	Service (dsTMSservice.dll) crashes intermittently and the user faces disconnection.
PRS-412127	[Mac OS] Memory leak on PDC 9.1R15 on mac OS Monterey.
PRS-411912	Credential Provider doesn't start immediately after boot.
PRS-411613	Ivanti Secure Access Client fails to download PAC file.
PRS-411465	SSH is not working when TOS bit is enabled on ICS.
PRS-410919	Accessing resources consume more data/bandwidth, the connection to the resources fails with TCP errors and connectivity to those devices are intermittently timing out.
PRS-410910	Suspend button grayed out when connection is present.
PRS-401785	[Windows] Client Embedded browser DNS resolution fails if TTL is minimal.
Release 22.2R1	
PRS-410847	[Windows] Unable to access the PSAM resource after upgrading to 9.1R15-Windows 10 and 11
PRS-410284	[MacOS] When content filter profile is pushed through MDM, the content provider is still preserved after uninstalling the sysext. When the content filter provider is installed manually the content provider is deleted after uninstalling the sysext.
PRS-410075	[Linux] CEF Browser get aborted in Linux Distro.

Problem Report Number	Summary
PRS-409902	[Windows] Even if "sso-cached-credential" option is enabled,Ivanti Secure Access Client is again prompting for username/password (post getting the desktop).
PRS- 409751	[MacOS] Issue with PDC on Mac Monterey 12.3.0 or 12.3.1, Big Sur (11.6.2) with getting connected when the session times out or, the user mahcine goes to sleep.
PRS-409677	[Linux] Ivanti Secure Access Client service is getting crashed, during the download of a large file.
PRS-409362	Ivanti Secure Access Client route events flooding the debug logs.
PRS-408862	[MacOS] MacOS Workgroup changes from Domain to Hostname when connecting with Ivanti Secure Access Client.
PRS-408843	[MacOS] Client Service crashes on macOS with Ivanti Secure Access Client 9.1R15 EA.
PRS-408632	[Windows] SAML login window is hidden for users - embedded browser.
PRS-408516	The Browser based HC was getting corrupted due to Heap corruption during a 3rd party NHC rule evaluation.
PRS-408513	[MacOS] MacOS User's traffic bypassing lockdown.
PRS-408487	[Linux] Duplicating "WebKitWebProcess" consuming endpoint memory with R14 client.
PRS-408199	[Windows] Unable to download Proxy Pac from 9.1R12 when "Transfer-Encoding: chunked" header is present.
PRS-408159	[Windows] Embedded browser pop-up gets hidden on windows machine intermittently during launch.
PRS-407376	[Windows] PAC file download fails when content-type Header is not present.
PRS-406670	[MacOS] ESP-Keep-Alive Fails after upgrading to 9.1R13.1 Ivanti Secure Access Client.

Problem Report Number	Summary
PRS-406469	[MacOS] FIPS MacOS universal client support for Native ARM (M1) instead of Rosetta.
PRS-403095	HC Logs in User Access shows Local Username instead of VPN Username while using Embedded Browser.

Known Issues

The following table lists Known Issues in the current release.

Problem Report Number	Summary
Release 22.7R1	
PSD-15911	<p>Summary: Client freezes on the Role Selection window during timeout phase and does not allow user to select any Role.</p> <p>Workaround: Close the client from the tray and reopen.</p>
PZT-43203	<p>Summary: Intermittently users are unable to access the backend resources when both ZTA and VPN connections are connected.</p> <p>Workaround: Open ISAC UI from tray, disconnect ZTA connection and reconnect.</p>
PZT-43108	<p>Summary: Client is not honoring new GW MTU when GW failover happens in GW group if GWs are having different MTUs.</p> <p>Workaround: None.</p>
PZT-42473	<p>Summary: Enrollment fails from browser and will give error "SAP is not configured for /login /login/enroll" when device policy is enforced on the user sign-in policy and the same device policy is modified.</p> <p>Workaround : Navigate to Secure Access->Manage Users->User Policies and need to edit/save the user policy on which device policy is mapped post changing the device policy.</p>
Release 22.6R1	
PSD-14144	<p>Summary: Multiple instances of ISAC UI observed. User input is accepted in all instances.</p> <p>Workaround: None</p>
PSD-15296	<p>Summary: On rare occurrences, client UI closes during manual connect or disconnect of connections.</p> <p>Workaround: Use system tray to launch Client UI.</p>
PSD-15380	<p>Summary: Pulse setup client is not installing/upgrading. The client does not display the client upgrade prompt when connecting to the ICS server with http connection.</p>

Problem Report Number	Summary
	Workaround: Use https Sign-in URL to connect to ICS server.
PSD-15384	Summary: During simultaneous (nZTA + VPN) connection, Auth failure message '1319' displays for VPN connection for a brief period. Workaround: Connect nZTA first and then initiate VPN connection or vice versa.
PSD-15502	Summary: On rare occurrences, connection fails due to CEF browser crash. Workaround: Restart dsAccessService.
PSD-15540	Summary: CEF browser crashes on Mac OSX when resuming from sleep. Workaround: None.
PSD-15637	Summary: User not able to connect to VPN. Workaround: Close and re-launch client from spotlight.
PZT-35720	Summary: Download triggers before clicking "Upgrade" button on the upgrade message window when auto-upgrade is enabled. Workaround: None.
PZT-41329	Summary: User sees an embedded browser white blank screen while reconnecting SAML auth for few seconds. Workaround: None.
PZT-41880	Summary: During Simultaneous (nZTA + VPN) connection, one of the connections might take slightly longer time to connect. Workaround: Connect first to nZTA and the VPN or vice-versa.
PZT-41927	Summary: When user clicks to connect to ZTA, the connection does not start. This is specific to ZTA connections and is seen to happen during machine start of machine left idle for long time with ZTA in disconnected state Workaround: Restart the machine or delete and re-enroll the client again.
PZT-41967	Summary: The ZTA connections reconnect at random times. Workaround: None.
Release 22.5R1	
PSD-15039	Summary: When ZTA and Classic connections exist simultaneously, the classic gateway connection gets stuck in "Checking Compliance" state

Problem Report Number	Summary
	Workaround: Restart the client and establish either ZTA or classic connection.
PSD-14785	<p>Summary: When ZTA is connected and ISAC crashes, it is noticed on recovery the DNS resolution is blocked on the machine.</p> <p>Workaround: Only if ZTA workflow crashes, create a registry key HKLM\SOFTWARE\Pulse Secure\Pulse DWORD key AutoUnloadWFP with value 1.</p>
PZT-40370	<p>Summary: Linux ISAC is unable to download CEF browser and ISAC crashes.</p> <p>Workaround: Manually install CEF.</p>
PZT-37424	<p>Summary: With pre-configured ICS and all client components installed on the endpoint, auth re-directs to default login URL instead of custom SAML auth URL when trying to enroll with multi sign-in URL.</p> <p>Workaround: Deep clean endpoint for all client components and perform a fresh installation.</p>
Release 22.3R2	
PRS-414909	<p>Symptom: PIN prompt for the FIDO Authentication is not displayed for Linux users.</p> <p>Condition: When FIDO password Authentication is enabled.</p> <p>Workaround: None</p>
Release 22.3R3	
No new Known Issues in this release.	
Release 22.3R2	
PRS-414909	<p>Symptom: PIN prompt for the FIDO Authentication is not displayed for Linux users.</p> <p>Condition: When FIDO password Authentication is enabled.</p> <p>Workaround: None</p>
PSD-14142	<p>Symptom: Rarely users come across a BSOD while resuming the machine from Hibernation.</p> <p>Condition: When a machine is in Hibernate mode.</p> <p>Workaround: None.</p>

Problem Report Number	Summary
PSD-14501	Symptom: Rarely users come across a BSOD while upgrading the client. Condition: When split DNS is enabled. Workaround: None.
PSD-14512	Symptom: ISAC Client help shows release version as 22.4. Condition: When help is accessed through ISAC 22.3R2 Workaround: None.
PSD-14514	Symptom: VPN SAML Authentication fails on Mac OS with Embedded browser. Condition: When Azure SAML IdP is configured with certificate-based login. Workaround: Enable FIDO2 U2F for SAML authentication option under connections to use CEF browser for SAML with certificate-based authentication.
PZT-39936	Symptom: Upgrade to latest ISAC version fails. Condition: Cisco Any Connect software is installed and running. Workaround: Stop the Cisco Any Connect from services.msc
Release 22.3R1	
PRS-414801	Symptom: Preconfig file is not deployed on the client PC. Condition: When using msixexec command. Workaround: None.
PRS-412169	Symptom: The display name on Windows Task Manager differs compared to OS versions prior to Win 11 22H2. Condition: Windows OS version is Win 11 22H2 or higher. Workaround: None.
PRS-411820	Symptom: Ivanti Secure Access Client disconnects randomly on Windows. Condition: When Ivanti Secure Access Client and a combination of Windows Connection Manager is used. Workaround: None.
PSD-13174	Symptom: PSAL download prompt appears multiple times on macOS 13. Condition: When installing client using browser. Workaround: Ignore the message and click 'Download' to proceed.

Problem Report Number	Summary
PSD-13172	<p>Summary: Random user observed ZTA onboarding failed.</p> <p>Condition: While Enrolling ZTA connection.</p> <p>Workaround: Uninstall and reinstall the client.</p>
PSD-13168	<p>Symptom: PSAL and setup client launch fails when ICS is upgraded from 9.1R15.</p> <p>Condition: When PSAL browser extension is enabled.</p> <p>Workaround: Download and launch PSAL again.</p>
PSD-13030	<p>Summary : While upgrading to the 22.3R1 client prompts to close some applications.</p> <p>Condition: Upgrading the client to the 22.3R1 version from older version.</p> <p>Workaround: Ignore the prompt and proceed with the upgrade.</p>
PSD-13021	<p>Symptom: User cannot disconnect the active VPN session.</p> <p>Condition: L3 and ZTA connections are used on macOS 13.</p> <p>Workaround: Re-launch UI.</p>
PSD-13014	<p>Symptom: On upgrading client to 22.3R1, during the first UI launch, the UI crashes.</p> <p>Condition: On Windows machines having 15 or more connections configured</p> <p>Workaround: Launch the client UI again from start menu.</p>
PSD-12930	<p>Symptom: EdgeWebView2 Runtime installation mandates a minimum of 2GB free disk space even when not actually utilized.</p> <p>Condition: Ivanti Secure Access Client requires to use Embedded Browser (SAML, Custom Sign-in pages) etc</p> <p>Workaround: The minimum free disk space requirement is a pre-requisite to ensure seamless working of Edge based Embedded Browser.</p>
PSD-12409	<p>Symptom: Switching from classic UI to NEUX, launches Ivanti Secure Access Client in full screen mode.</p> <p>Conditions: When L2 and L3 connections are used.</p> <p>Workaround: None.</p>
PSD-8514	<p>Symptom: Add and Remove program has both classic and React UI present.</p> <p>Condition: When Client is installed.</p> <p>Workaround: None.</p>

Problem Report Number	Summary
PZT-40784	<p>Summary: when the machine wakes up after a long sleep, sometimes the Client UI shows the error "Failed to setup virtual adapter".</p> <p>Condition: When a ZTA connection is attempted on Linux OS.</p> <p>Workaround: Click Retry and attempt to connect again.</p>
PZT-36977	<p>Symptom: Server CA fails to install on the end points.</p> <p>Condition: Randomly happens on some MAC machines.</p> <p>Workaround: Delete the existing connection and add new ZTA connection.</p>
PZT-36750	<p>Symptom: Lockdown enable/disable on tenant takes more time to reflect in client connstore.dat file.</p> <p>Condition: When we make changes with respect to lockdown on the tenant.</p> <p>Workaround: None</p>
PZT-36426	<p>Symptom: dsAccess service crashed after system sleep.</p> <p>Condition: When using ZTA and ICS tunnel on Mac Book Pro Ventura 13.0.</p> <p>Workaround: Restart Ivanti Secure Access Client services.</p>
PZT-35824	<p>Symptom: Error 1107 observed when using browser based enrollment.</p> <p>Condition: When security enabled POD is running.</p> <p>Workaround: Reconnect the connection.</p>
PZT-35807	<p>Symptom: Ivanti Secure Access Client does not move to Connected state.</p> <p>Condition: On Minimum Client Version upgrade.</p> <p>Workaround: None.</p>
PZT-35360	<p>Symptom: Pop-up blocked for the enrollment URL</p> <p>Condition: When using PSAL browser extension is enabled.</p> <p>Workaround: Close and open the browser again.</p>
PZT-34750	<p>Symptom: System preferences popup does not appear until machine reboot/re-login.</p> <p>Condition: When using Always-ON VPN with lock-down connection.</p> <p>Workaround: None.</p>
PZT-34534	<p>Symptom: Every disconnect and connect installs the Lookout forward proxy certificate on macOS.</p> <p>Condition: When trying to establish a connection.</p> <p>Workaround: None.</p>

Problem Report Number	Summary
PZT- 36969	<p>Symptom: Error 1147 observed after uninstalling (with save configuration) and re-installing ISAC for ZTA .</p> <p>Condition: When ZTA connection details are saved previously.</p> <p>Workaround: Re-enroll the connection.</p>
Release 22.2R1	
PCS-38008	<p>Symptom: PSAL failed to launch JAVA applets on MAC M1 Ventura 13.</p> <p>Condition: When end-user launches JSAM.</p> <p>Workaround: None.</p>
PCS-37311	<p>Symptom: The Ivanti Secure access client on Windows or macOS machines establishes the VPN session with the Ivanti Connect Secure displayed as the FIPs client under the Active users' page.</p> <p>Condition: The 22.2R1 client is used for establishing the session</p> <p>Workaround: None.</p>
PRS-412672	<p>Symptom: DMG package on Ventura platform shows the file was downloaded on an unknown date and is damaged.</p> <p>Condition: When Host checker is configured, the client fails to launch through browser or browser based connection.</p> <p>Workaround: None.</p>
PRS-412216	<p>Symptom: Ivanti Secure Access Client Service (dsTMSservice.dll) crashes intermittently and the user faces disconnection.</p> <p>Condition: When a DNS response contains very long CNAME entries and the payload is compressed, there is a chance of a parsing error, resulting in a crash.</p> <p>Workaround: None.</p>
PRS-412144	<p>Symptom: A Warning displays, "Uninstall is damaged can't be opened" on MAC Ventura 13.0.</p> <p>Condition: During Ivanti Secure Access Client uninstallation.</p> <p>Workaround: None.</p>
PRS-412025	<p>Symptom: Smart card login fails when used on custom sign-in page.</p> <p>Condition: Custom sign-in page is mapped to VPN sign-in URL.</p>

Problem Report Number	Summary
	Workaround: Map default sign-in page to the VPN sign-in URL or VPN sign-in can be performed through chrome browser and then Ivanti Secure Access Client connection can be started from browser
PRS-411750	Symptom: Ivanti Secure Access Client rebranded package creation through ConfigureInstaller python script fails. Condition: Ivanti Secure Access Client rebranded package creation is performed on Big Sur or Monterey. Workaround : Perform ISAC rebranded package creation on Catalina.
PRS-411746	Symptom: "Securing Connection" status is not seen on New-UX. Condition: When using New-UX client. Workaround: None.
PRS-411741	Symptom: Mac- With ICS and IPS connections, for each disconnection of VPN, Un-expected UI switch happens. This happens when a different Admin Setting is enabled for Client UI Mode than the existing display in the Client UI. Condition: When user tries to connect to two connections in the client, that is ICS and IPS connections. Workaround: None.
PRS-411632	Symptom: UI Switch as per Admin Settings does not work for the second connection in desktop client. Condition: When there exist two ICS connections, ICS and IPS connections, or for tunnel in tunnel case. Workaround: None
PRS-411599	Symptom : Set-up client error pop up seen when connecting to an older server. Condition : New Client connecting to older Server. Workaround: Install the client manually or upgrade the client by connecting to Ivanti Connect Secure using client.
PRS-411593	Symptom: Ivanti VPN Web page stuck at "Searching for PSAL" even after L3 VPN session established. Condition: Custom sign-in pages mapped to corresponding VPN Sign-in URL and end-user launches L3 VPN connection from browser VPN session.

Problem Report Number	Summary
	Workaround: Click "Please click here to go back" on the PSAL search page when L3 VPN session is started.
PRS-411556	Symptom: No notification to user when New-UX is asking for credentials. This eventually leads to User Input timeout. Condition: When user does not enter credentials. Workaround: Need to check New-UX to enter credentials.
PRS-411510	Symptom: "Searching for Application Launcher Page" displays even after successful Install and connecting to VPN. Condition: The installation/launch of Ivanti Secure Access Client using Firefox. Workaround: Refresh the browser.
PRS-411478	Symptom: VPN Connection may fail to establish in proxy environment where automatic PAC URL is configured. Condition: Web server send the PAC file without http response header content-length instead sends transfer-encoding: chunked. Workaround: Configure web server hosting PAC file to send content-length in http response header.
PRS-411380	Symptom: Accessibility feature does not work on New-UX. Condition: When using New-UX. Workaround: Use classic UI.
PRS-411350	Symptom: May observe the Ivanti Secure Access Client crash while establishing an L4 connection on macOS. Condition: The 9.1R15 client connecting to 9.1R16 which is upgraded from 9.1R15 to R16 with macOS PSAM configurations configured on the R15. Workaround: Upgrade the client to 22.2R1 or delete and recreate the new macOS PSAM configurations after the upgrade.
PRS-411341	Symptom: If New-UX client is minimized to windows taskbar, it does not open if user selects to open the client from Tray. Condition: New-UX client minimized to Windows taskbar. Workaround: Manually select the taskbar icon and open the New-UX client.
PRS-411006	Symptom: CPU usage might increase when Auto-Refresh is enabled on New-UX.

Problem Report Number	Summary
	Condition: When Auto-Refresh is enabled on NEUX. Workaround: Disable Auto-Refresh.
PRS-410987	Symptom: No system sound to notify the end user that user input is required while User Credentials input screen is displayed. Condition: User Sign in workflow. Workaround: None.
PRS-410877	Symptom: During Ivanti Secure Access client installation, the installation time exceeds by a noticeable margin. Condition: This is dependent on current load at the endpoint; However, mostly noticeable during all installations and upgrades. Workaround: None.
PRS-410024	Symptom: Sometimes valid error message not shown. Condition: In some scenarios, whenever the MessageCatalog file got into some issue, unable to get the corresponding error message. Workaround: None.
PRS-409774	Symptom: Not able to launch New-UX on Vanilla Windows 20H2 OS Build 19042.1110 and windows server 2022. Condition: During Ivanti Secure Access Client installation or auto-upgrade. Workaround: None, use Classic UI.
PRS-409484	Symptom: Server certificate error is shown repeatedly for untrusted certificates. Condition: When ISAC connects to ICS (Directly \ through Hotspot) having untrusted certificates then certificate exception page will be shown repeatedly. Workaround: End user must click continue to <server> link on the certificate error page.
PRS-409465	Symptom: "This Extension is not trusted by Enhanced Security Browser" warning prompts during the Ivanti Secure Access Extension installation. Condition: While launching or installing the clients via Browser. Workaround: None.

Problem Report Number	Summary
PRS-409302	Symptom: Chromium embedded framework (CEF) based browser will be used by 22.2R1+ clients only during credential provider SAML login. Condition: ISAC connection set is enabled for Embedded browser for Authentication with Edge Webview2 browser engine and credential provider. Workaround: ISAC is already handling the credential provider use case with CEF browser.
PSD-11610	Symptom: Uninstall fails to remove UI component for New-UX client. Condition: During client uninstallation. Workaround: None.
PSD-11560	Symptom: Diagnostic tool is not opening using Ctrl+F2 on New-UX client. Condition: When invoking Diagnostic tool from client. Workaround: Open diagnostic tool manually.
PSD-10736	Symptom: New-UX client controls, labels and text are misaligned clipped. Condition: When client window is resized. Workaround: None.
PSD-10356	Symptom: Auto retry of User Input Timeout is not working in New-UX. Condition: User Input timeout error. Workaround: Manually Retry user input.
PSD-9938	Symptom: Ivanti Secure Access Client not responding after some days of usage. Condition: On Ivanti Secure Access Client usage for some days. Workaround: Restart the application or reboot the system.
PSD-9538	Symptom: Splash screen off setting if selected on the server is not reflecting on the New-UX client. Condition: New-UX fresh launch. Workaround: None.
PSD-8631	Symptom: Memory Usage may gradually increase when using New-UX. Condition: When auto-refresh is enabled. Workaround: Disable auto-refresh.
PSD-8591	Symptom: New-UX client on Windows 2022 Server is not available due to missing dependencies.

Problem Report Number	Summary
	Condition: When New-UX client is used on Windows 2022 Server. Workaround: None.
PSD-6971	Symptom: Keyboard Navigation is not supported for New-UX client. Condition: When using keyboard navigation. Workaround: None.

Product Codes (GUIDs) for SCCM Deployments

If you deploy Ivanti Secure Access Client using Microsoft System Center Configuration Manager (SCCM, formerly SMS), it can be helpful to know the Product Codes (GUIDs) of Ivanti Secure Access Client installation bundles. SCCM uses these codes to determine whether products are already installed. The table below gives the product codes for the corresponding release of Ivanti Secure Access Client for the given the architecture (32-bit or 64-bit) and locale (language environment).



From 22.7R1 onwards, ISAC do not be support Win32 platform and installation bundles will not include x86 installers.

Language	Product Codes (GUIDs)
Release 22.7R1	
PulseSecure.x64.msi	
English	{21D9DE1D-F8FF-45ED-9E78-42CD9A6D4851}
Chinese (Taiwan)	{AD8A78E8-B0FD-4E01-8F53-F0B3AA5876CA}
German	{905ECF99-8408-4BCD-ACDF-F80BFA3FC1F5}
Spanish	{8BAB0CFE-FC51-416C-A4B3-C38DBFEB5BA6}
French	{4D708090-D8D3-4E80-BEC1-0B40557D23CF}
Italian	{EE707187-48A3-409C-8928-6CFB220948F7}
Japanese	{42EB2DE8-E298-4BFC-A2CB-18B621FC9330}
Korean	{7E69B3A3-039F-4E20-8B10-1898B43D8862}
Polish	{24DDA274-DC06-48B2-82CB-207FCDADB38C}
Chinese (China)	{854BF5C8-2074-485C-836E-DCDC46B5A90C}
Release 22.6R1	
PulseSecure.x86.msi	
English	{DB84DE57-05FE-4D33-A4A6-37FDF7C8D310}

Language	Product Codes (GUIDs)
Chinese (Taiwan)	{E4DF4BC5-5933-4BE9-89D4-970E3CD081A4}
German	{F7054C58-1853-4DDD-868A-8791FF39481F}
Spanish	{8E1E2589-3B9C-414F-857F-F8F08EFA2C55}
French	{30947CCF-DF50-4482-AC34-81F17F0CFEFE}
Italian	{DA41DFBC-144C-449D-ABD2-1A61B25082F1}
Japanese	{DF5CF3E4-C505-42E0-AAA0-19A0B6DFE0B1}
Korean	{E32BED46-915C-4371-A0E3-25FC195EF68E}
Polish	{F86B6E8E-3B8E-49A7-9F44-C8CE935C3658}
Chinese (China)	{341C8EA9-108F-47A9-B83D-CC046FE1A88B}
PulseSecure.x64.msi	
English	{0513E7B6-B058-4B6B-A198-F850C5F49C6D}
Chinese (Taiwan)	{F6547D88-2FCC-425D-8F6F-E0F00C905A69}
German	{A55FAE18-7A2A-4722-99DE-E3F5C4FEA564}
Spanish	{D103A5F3-0A8A-4256-8F2D-0053FB036AEF}
French	{12D258BE-0E43-4F95-982A-33AD6BBBF1BA}
Italian	{575667F8-CB4D-4518-8DE3-307C64306CC9}
Japanese	{2FD77C05-18C7-45EA-A7FA-3105400597E4}
Korean	{4F5D1DBE-FE71-46EC-B2BC-D4A1A9F60DCA}
Polish	{9C091EF7-424B-4D66-B577-3707A6437E0A}
Chinese (China)	{29A6AF66-2838-441D-81C2-5D18277426D6}
Release 22.5R1	
PulseSecure.x86.msi	
English	{7A4EE38D-D694-4BB9-B76A-33387EB1189B}

Language	Product Codes (GUIDs)
Chinese (Taiwan)	{DC7E2455-65E5-45C8-94FA-7D95F6E1A151}
German	{C2404EE0-A9E3-46E0-B0E2-A07E85D90602}
Spanish	{30599545-FED2-4A47-BC36-0A98AAAF1DEF}
French	{EC981283-EF60-433C-8B85-3157C7B86043}
Italian	{BD0B82F4-CF7F-435E-B717-71909CE98CE1}
Japanese	{7CBEB940-C10A-4AEE-A45E-B2E702052090}
Korean	{3C44FAD6-0AAA-454F-B3C8-1D91126FBBAE}
Polish	{4379EB27-D42B-4A88-94AA-3E6188E652E5}
Chinese (China)	{3BCA7B63-64A6-4E05-8ECE-DD4390BB9043}
PulseSecure.x64.msi	
English	{BA3A8806-53FB-4F9C-95EF-904CFD2C8192}
Chinese (Taiwan)	{A4770DC5-D6D5-4D99-805D-43F64FBFBD5F}
German	{9F5E50A0-1732-4A17-9BAC-A126EFEB41DD}
Spanish	{CD0D806F-4E49-46FF-8561-05CDC5824F67}
French	{0F353AAF-D3A6-497E-8A99-53556CE818DA}
Italian	{9C6CB838-95E8-41F8-9161-E546B0A63564}
Japanese	{A415E700-07AB-401E-9599-596A23626740}
Korean	{792A529A-25AA-4CB4-9FA5-3244D1B0E7DD}
Polish	{84C087F2-0A19-4E29-9BCC-83F88DAADAD7}
Chinese (China)	{4429376D-D31D-49A3-870C-D46F5F7C1D46}
Release 22.3R3	
PulseSecure.x86.msi	
English	{6719115C-D5A4-47A5-9DCE-8D313D1FF981}

Language	Product Codes (GUIDs)
Chinese (Taiwan)	{E8288AD1-7599-496A-A05F-8F6D789496A8}
German	{79DB9B1B-1A42-4117-A2BD-8068316FCACB}
Spanish	{4A974EB5-90AF-4C3D-9341-535E7E24B4AA}
French	{CA1B874D-1422-4484-B697-5681F1057266}
Italian	{9A00908B-A970-4368-8D81-CCA2973383B8}
Japanese	{FCF7EC0C-6F2E-4590-9897-5AEF23D87780}
Korean	{3B9B63E5-0F11-49D4-BB01-573A1069F13F}
Polish	{E0EAAE0B-74B7-44F3-A981-D19AABB6FFD9}
Chinese (China)	{B3174ADF-9374-484F-A256-53BB2CF2C3E4}
PulseSecure.x64.msi	
English	{B9EFDE88-2F0D-426B-8521-1ADE01A960D8}
Chinese (Taiwan)	{FFCF3D23-5DA4-4500-96EB-1CC786A8B8A0}
German	{E2544AF6-DF35-47C8-8592-5EC3BC105909}
Spanish	{853BA0FD-E417-4990-8787-2A32E7314C5E}
French	{33ABC6F4-B87A-4010-B448-65CCC29DC23E}
Italian	{5333AB2A-0B49-468D-80F3-2AA239AB4FE2}
Japanese	{33E7A12A-E708-4367-AFC5-3460E1461966}
Korean	{BA39B791-DDE9-4BBA-8982-908B775CA7AB}
Polish	{71FB40A4-C91F-4762-93FE-CFD4C9DCF061}
Chinese (China)	{A8F6E901-C1F4-4280-8951-67DA5236AD5D}
Release 22.3R2	
PulseSecure.x86.msi	
English	{5BE10637-F29F-4051-9C8C-683513C6EED6}

Language	Product Codes (GUIDs)
Chinese (Taiwan)	{8B689C04-5DA5-43D9-B5ED-2B0C68A10A5B}
German	{EF55C7DC-D85B-409B-BBD0-CAC2AC7F0B38}
Spanish	{696CE3BE-CD8F-4B4D-9EBE-07418FDCDA05}
French	{39EF62A4-644D-419E-BBF2-0AE4B7719796}
Italian	{987C3524-80AD-4B44-B472-1BCBA627A99E}
Japanese	{2222EA6E-14B8-4CA3-8D7C-EEABD2606718}
Korean	{19B69A5B-3C2B-43EF-9B00-744392D15F84}
Polish	{C46DB6FF-DA76-4EAE-BA14-5CA2359478B3}
Chinese (China)	{1B7E7721-67B1-4560-9580-A026143BA877}
PulseSecure.x64.msi	
English	{486081CA-2D4C-4F94-837E-01B379B3133C}
Chinese (Taiwan)	{C75505FD-6FFA-47A7-A3E0-04015CD03C50}
German	{DE96FE68-665D-4166-95E5-AA5F4D101877}
Spanish	{E3B7C0A7-0924-4466-82B9-64F76EA70DD1}
French	{08A1C28D-65FC-406F-928E-A2B5CE2F112D}
Italian	{CEA853DC-6F4F-41A3-94C4-CB70A273C5F5}
Japanese	{EEE9C393-80DA-4927-9600-911C133A4AE8}
Korean	{1D18D80F-6456-4B55-AF6F-F503D3AB49EE}
Polish	{9B0775B3-3650-41A3-A42A-A2AEE96D2D5F}
Chinese (China)	{4DAC8D05-9FB4-410C-9BC4-DB6FC43B04B1}
Release 22.3R1	
PulseSecure.x86.msi	
English	{EB1BE1CE-C5D8-4EF2-B8D2-87622ED63A80}

Language	Product Codes (GUIDs)
Chinese (Taiwan)	{85221D6B-EB49-4CB1-9B39-C784FA75F24D}
German	{8D83F898-DD5F-4D0C-A51C-059DC2AC9D72}
Spanish	{992EC617-B393-404E-AD9D-644520BCDAC0}
French	{38D4227D-2464-4626-9779-84E0CA391C0D}
Italian	{40F4F506-4D6E-432D-BC08-DFAF52709D20}
Japanese	{0BE5C2C7-3BA0-4E0A-8B02-2C5200B707A4}
Korean	{ABD88E90-DE39-4DD7-9995-34E9B4C4FBCF}
Polish	{E0E58494-0943-4C5E-AF04-BD21BE3B5334}
Chinese (China)	{4C30C791-C02E-4D16-B196-CCDCF5D3A89A}
PulseSecure.x64.msi	
English	{31FD6281-CD18-439F-8970-1F2EDBD9C139}
Chinese (Taiwan)	{73D59F8D-C9A8-4452-8B6F-7D15F2EE633A}
German	{021D93C8-676F-419F-9DBF-02D05DA67464}
Spanish	{03E50D16-AAF5-4BFF-980B-19FE600D2B92}
French	{9274EF41-1330-4A0C-8A31-0A6EEDBE0CC2}
Italian	{1F7418EF-B4A1-4A6D-B6BA-D497FC8E7B6E}
Japanese	{2FE5E463-1D49-428A-83B6-F458F17CB7E2}
Korean	{329EC6FF-084B-4383-83B2-A99F7494F734}
Polish	{4F9DBE29-9FEC-49FC-BE2D-321801D2C642}
Chinese (China)	{0EB07AB9-0218-4395-B1D5-E3ABF6F5E5AC}
Release 22.2R1	
PulseSecure.x86.msi	
English	{F1C5C420-A0DE-4B3D-86EB-787747A1DCB4}

Language	Product Codes (GUIDs)
Chinese (Taiwan)	{2E2ED4E6-9E15-4226-BBA7-F48237437030}
German	{169CE007-DDC4-4821-8A6C-B3B1A02F245B}
Spanish	{90369A50-E63B-4B4A-9EC6-89F9CF9571F8}
French	{95447240-98F4-40B7-BB98-C3BB5D54B382}
Italian	{CF52EBE9-38A5-43CA-A38A-D2A61E7D3A6C}
Japanese	{46513EC4-BED9-4D56-A31B-CBA1AFB197A7}
Korean	{CFD702C4-DDD8-4553-A73D-3A84F3AE0234}
Polish	{8838A4A3-A143-4AC2-A469-71B267EF3FE5}
Chinese (China)	{AB0D6C08-626D-44A6-92D6-3A001589796F}
PulseSecure.x64.msi	
English	{1519A65B-7016-42C6-9213-6BFF49D1F659}
Chinese (Taiwan)	{024DE5E4-7DE1-46E6-902E-022E3EB6A43A}
German	{CA8DA038-8979-470A-89C1-B4A3F8214871}
Spanish	{190C6D0C-8375-47E6-BC73-9ACDE170125C}
French	{5B342340-B6CE-4514-84B1-942BC36778FD}
Italian	{6C9D927B-D59F-466A-A629-663B19087A44}
Japanese	{6B599EA7-E458-449E-88AA-F91E23E83FF4}
Korean	{CB8FB4BB-29CD-4042-8B2B-CCE63FB99BFD}
Polish	{19F91F39-17A0-494B-8820-D2698693B530}
Chinese (China)	{2BECB654-0804-4BA3-AACD-28BA7FF28F1F}

Product Compatibility

See the latest [Ivanti Secure Access Client Supported Platforms Guide](#) for supported versions of operating systems, browsers, and servers in this release. The platforms with default factory settings are qualified and advanced features are not considered.

Upgrade Instructions

Upgrade Paths

The following table describes the tested upgrade paths.

Release	Description
22.6R1 and previous 22.x releases	You can upgrade directly to 22.7R1.

- Client upgrades are not supported to or from beta releases or Hot-Fix releases.

Installer List on Ivanti Connect Secure

The **Maintenance** --> **System** --> **Installers** page on Ivanti Connect Secure User Interface displays the list of installers.

From 22.7R1, Windows 32-bit (x86) installers are not available.

General Notes

Security-related issues are not normally covered in release notes. To learn more about security advisories affecting Ivanti products, see the [Ivanti security advisory page](#).

Technical Support

When you need additional information or assistance, you can contact "Ivanti Global Support Center:

- <https://forums.ivanti.com/s/welcome-pulse-secure>
- support@ivanti.com

Call us at +1-888-253-6201

For more technical support resources, browse the support website

[https://forums.ivanti.com/s/welcome-pulse-secure.](https://forums.ivanti.com/s/welcome-pulse-secure)