

Privileged Remote Access 23.2.1 Release Notes

May 9, 2023



This release has been removed due to a critical issue. An updated release will be made available as soon as possible. For more information, please see [KB0020207](https://beyondtrustcorp.service-now.com/csm?id=kb_article_view&sysparm_article=KB0020207) at https://beyondtrustcorp.service-now.com/csm?id=kb_article_view&sysparm_article=KB0020207.

Requirements:

- This version of Privileged Remote Access has been certified for physical BeyondTrust Appliances, virtual BeyondTrust Appliances, and cloud deployment models.
- 23.2.1 PA requires Base 7.0.0.
- Requires ECM 1.6.0.
- Requires Integration Client 1.7.5.

New Features and Enhancements:

- FIDO2 authentication now supported in /login, access console, and web access console.
- Multiple SAML providers can now be configured.
- SAML is now allowed to use external group providers.
- Streamlined SAML authentication in the access console.
- Web access console can now create, edit, copy, and delete Jump Items.
- Added ephemeral Jump Clients. This allows administrators to override the offline time of Jump Clients, creating short-lived installers that provide our non-ephemeral Jump Clients access to ephemeral machines but are automatically removed when the endpoint is torn down.
- Added Terraform module, which allows users to interact with the Remote Support Configuration API to manage access to the resources under management.
- Added dark mode for /login.
- Jump Client installers are now listed in /login.
- Users now have additional options available when using Command shell within a Jump Client session, including Windows Command Prompt, PowerShell, Zsh, Bash, sh, fish, and tcsh.
- OAuth 2 support added for /login email configurations.
- A new API for downloading Syslog reports has been created. Also, a new permission has been added to the API account.
- Added a new session policy setting for automatically starting the privacy screen.
- The **Run As** Special Action now logs the command in session reports.
- Vendor Approvers are now notified of any waiting approval requests. The interval at which these reminders are sent can be configured on the **Edit Vendors** page.
- Public keys for stored private keys have been added for Vault SSH accounts.

- The Configuration API User Rate Limit per Hour has been increased from 15,000 to 60,000.
- Added **<enter>** and **<delete>** keyboard shortcuts to the native access console. **<enter>** now starts a session with the selected Jump Item and **<delete>** now removes the selected Jump Item.
- Jump Item export in the access console now allows you to select **Export All**, **Export Current View**, or **Export Selected**.
- The elevation tooltip in the access console now displays why the **Elevation** button is disabled.
- Configuration API additions and enhancements:
 - VNC Jump Items
 - GET jump-item/remote-vnc
 - GET jump-item/remote-vnc/<id>
 - POST jump-item/remote-vnc
 - PATCH jump-item/remote-vnc/<id>
 - DELETE jump-item/remote-vnc/<id>
 - COPY jump-item/remote-vnc/<id>
 - Vault Account Jump Item association
 - GET vault/endpoint
 - GET vault/endpoint/<id>/remote-rdp-jump-item-candidates
 - POST vault/endpoint/<id>/remote-rdp-jump-item-association
 - UPDATE jump-item/remote-rdp
 - Associate Vault Accounts with Jump Items
 - GET vault/account/<id>/jump-item-association
 - PATCH vault/account/<id>/jump-item-association
 - POST vault/account/<id>/jump-item-association
 - DELETE vault/account/<id>/jump-item-association/jump-item
 - POST vault/account/<id>/jump-item-association/shared-jump-group
 - POST vault/account/<id>/jump-item-association/jump-item
 - DELETE vault/account/<id>/jump-item-association
 - DELETE vault/account/<id>/jump-item-association/shared-jump-group
 - DELETE vault/account/<id>/jump-item-association/jump-item
 - Associate Vault Account Groups with Jump Items
 - GET vault/account-group/<id>/jump-item-association
 - PATCH vault/account-group/<id>/jump-item-association
 - POST vault/account-group/<id>/jump-item-association/shared-jump-group
 - POST vault/account-group/<id>/jump-item-association/jump-item
 - DELETE vault/account-group/<id>/jump-item-association/jump-item
 - DELETE vault/account-group/<id>/jump-item-association/shared-jump-group
 - Added **connected** state to Jumpoint
 - GET jumpoint
 - GET jumpoint/<id>

- Added **account_expiration** to VendorUser
 - GET vendor/<id>/user
- Reactivate Vendor Account
 - POST vendor/<vendor_group_id>/user/<user_id>/reactivate
 - POST vendor/<vendor_group_id>/reactivate
- Extended GET user to include all permissions:
 - GET user
- Return a list of all API accounts and permissions:
 - GET api-account
- Manage Group Policy membership for Account Groups
 - GET group-policy/<id>/vault-account-group
 - POST group-policy/<id>/vault-account-group
 - DELETE group-policy/<group_policy_id>/vault-account-group/<account_group_id>
- Added **public_key** to Vault accounts.

Issues Resolved:

Administrative Interface

- **API**
 - Increased API version to 1.23.1.
 - Resolved an issue with POST group-policy returning an error when **id** is specified.
- **Vault**
 - Resolved an issue with checking out a local account at the same time a discovery is being run on that domain.
 - Resolved an issue with importing accounts overwriting the previously imported accounts if their account names were changed.
 - Resolved an issue with deleting domain with large numbers of endpoints taking longer than expected.
 - Vault performance improvements.
 - Resolved an issue with not displaying all discovery errors.
 - Resolved an issue with the **Discovery Results** page showing local accounts for endpoints that are not reachable.
- **Group Policies**
 - Made performance improvements to Group Policies in /login when there are large numbers of Group Policies and Jump Groups.
- **Search**
 - Resolved an issue with spaces counting as characters.

- **Vendor**
 - Resolved an issue with case sensitivity in the email domain field in Vendor registration.
 - Resolved an issue with the change password email not being sent to Vendor users if they were approved by non-admin PRA users.
 - Resolved an issue with Vendor registration allowing the same email address to be registered multiple times.
- **Text Updates**
 - Updated some of the verbiage on the **Backup Setting** page.
 - In /login, renamed the left navigation link for **Downloads** to **Consoles & Downloads**, and the left navigation link for **Access Console** to **Console Settings**.
 - Resolved an issue with extra characters being displayed in the Edit Service Principal error message under **Vault > Domains**.
- **Miscellaneous**
 - Resolved an issue with the Android Mass Deploy Jump Client link.
 - Resolved an issue with the language selection icon showing on sites that don't have any languages.
 - Resolved an issue with the customizable strings on the **Customer Client** page not saving correctly for non-English languages.
 - Added Vault Service Principal to the warning message that is displayed when configuring an outbound proxy.
 - Updated the error message received when using the password reset link when the password was expired.

Clients

- **Access Console**
 - Resolved an issue with Jump Clients that had not yet been upgraded showing as *Pending* in the access console.
 - Resolved an issue with the access console sometimes crashing after pinning a session.
 - Resolved an issue with the access console sometimes crashing when the network connection dropped.
 - Resolved an issue with the access console crashing if the **Jump Approval** window was left open.
 - Resolved an issue with the access console sometimes crashing while editing a registry value during registry access.
 - Resolved an issue with the access console randomly crashing during customer client download.
 - Resolved an issue with **Shift + F10** not passing through screen sharing.
 - Resolved an issue with the **Time in Queue** icon not being dark in dark mode.
 - Resolved an issue with Jump Item details not being displayed correctly with long comments.
- **Customer Client**
 - Resolved an issue with Windows clipboard history not being cleared at the end of a session.
- **Web Access Console**
 - Resolved an issue with time counters not continuing when the web access console page was hidden.
 - Resolved an issue with screenshots not working in some Firefox versions.
 - Resolved an issue with slow UI responsiveness when there were large numbers of Jump Groups.
- **Infrastructure Access Console**
 - Now when the IAC is started on a system that does not have a system tray, the IAC checkbox is greyed out and help text is provided to explain why.

- **Web Jump**
 - Resolved an issue with starting Web Jump sessions through a Linux Jumpoint.
- **vPro**
 - Resolved an issue with vPro sessions sometimes disconnecting and not reconnecting.
- **Jump Client**
 - The ability to install and run multiple Jump Clients for the same user and site has been deprecated. There are other means available now to attain the same functionality.
 - Resolved an issue with starting a Jump Client session while a Jump Client discovery is in process.
- **Shell Jump**
 - Resolved an issue with the authentication error message not showing when the wrong credentials have been used to start a Shell Jump session.
- **Mac**
 - Resolved an issue with transitioning from IAC mode to full console mode causing the access console's title bar to not respond.
 - Resolved an issue with upgrading the rep console if it was originally installed by a non-admin user.
 - Resolved an issue with granting **Accessibility** permission if **Screen Recording** permission wasn't granted first.
 - Resolved issue with Jump Clients that were not restarting automatically being granted permissions by the System Settings app.
 - Resolved an issue with sending **AltGr** keys through screen sharing on Macs.
- **RDP**
 - Resolved an issue with backslash character (\) not being copied into the native Windows Security window.
 - Resolved an issue with RDP file downloads when multiple reps, native access console and web access console, are in the same RDP session.
 - Updated the error message displayed when a rep tries to start an RDP session without the proper permissions.
 - Added support for 16 bit color in native BYOT RDP.
 - Resolved an issue in which RDP was failing with certain certificates.

Notes:

- Verified for GA.
- Supports upgrades from 22.2.1 PA+.
- Supports ECM Protocol 1.6.
- Includes VSC 1.2.6.1.
- This release is certified with the following mobile versions:
 - [iOS Access Console 3.1.2+](#)
 - [Android Access Console 2.2.10+](#)