



BeyondTrust Privileged Remote Access Version 21.1

New and Updated Features

BeyondTrust Privileged Remote Access, empowers IT teams to control, manage, and audit remote privileged access by authorized employees, contractors, and vendors, without compromising security. Enforce least privilege and exert granular control and visibility over remote access for both insiders and third parties, while enabling user productivity.

Privileged Remote Access Version 21.1 introduces NEW market-leading features and enhanced capabilities to simplify workflows like Vendor Onboarding and extend the capabilities of the user to allow them to connect to broader types of systems and devices like Raspberry PI. NEW functionality of BYOT (Bring Your Own Tools), specifically for RDP Jump Items, which enables users to leverage their existing native RDP tool for RDP Jump Items, while maintaining the benefits of the audit trail and session recordings our users know and love.

In this release customers will also benefit from additional enhancements to our credentials Vault with improved security and additional functionalities like the ability to create personal accounts and extending discovery and rotation in the Vault. Please see the release notes for additional details on these important enhancements.

New Feature Highlights

NEW! Vendor Onboarding

IT teams want to get tools into vendors and employee's hands quickly, but onboarding new third parties, vendors, or suppliers can be a time-consuming and repetitive process – one that's ripe for automation. With Vendor Onboarding, we have securely eliminated manual overhead of managing vendor teams and users by delegating portions of the vendor user administration to trusted sub-admins/vendor admins. Helping eliminate shared accounts while providing an easier path to adding new vendor users as they onboard vs. the existing methodology and manual efforts.

With this release, administrators can delegate the management of vendor and internal users to a trusted vendor administrator, or another internal user. Administrators can enable Vendor Users to request or sign up for Access through a customizable portal page. This new functionality is an addition to the Vendor Groups section under Users & Security. Administrators can now create and customize portal pages for specific Vendors, allowing users to register for the access they need, when they need it. The Vendor Portal can be restricted to specific email domains as well as



existing network restrictions for the Vendor Group. Vendor User self-registration through the Vendor Portals always requires approval for user creation by the defined administrator for the Vendor Group. This functionality is designed to decrease the manual administration requirements of Vendor management, as well as provide a quicker path to Access for new users.

NEW! Raspberry Pi OS Access

BeyondTrust's Secure Remote Access Jump Client Technology has added headless support for the Raspberry Pi OS. Raspberry Pi is a series of single board computers used to perform many different functions. It is a low cost, credit-card sized computer that enables endless possibilities. Raspberry Pi is often used by several industries, for example, for equipment or machine monitoring of industrial applications or even as an edge gateway solution thanks to its low power requirements and high processing capabilities.

BeyondTrust Privileged Remote Access enables Raspberry Pi secure access to allow privileged users to connect to more types of unattended systems, perform administrative actions, and secure who has access to manage these devices.

NEW! Bring Your Own Tools – BYOT

This release introduces the new functionality of BYOT, specifically for RDP Jump Items. This new functionality enables users to leverage their existing native RDP tool for RDP Jump Items, while maintaining the benefits of the audit trail and session recordings our users know and love. This new setting enables RDP Jump Items to include existing native RDP functionality, expanding Jump Item capabilities and improving user experience. This functionality is enabled/disabled as a setting in the Thick Access Console. This setting can be changed at any time, so users can determine the best method for their circumstances. This functionality is available for the Thick Access Console only.

NEW! BeyondTrust Vault

Included with Privileged Remote Access at no additional cost, the BeyondTrust Vault protects privileged credentials with discovery, management, rotation, auditing and monitoring for any privileged account — from local or domain shared administrator, to a user's personal admin account, even SSH keys, cloud and social media accounts. Get detailed password usage reporting and more.

The BeyondTrust Vault has been enhanced to include:

- **Jump Client Discovery & Rotation**

- Jump Clients can now perform discovery and rotation of local credentials (Windows only). This new functionality allows administrators to manage machines individually and set who has access to those machines without the need to set up a local or shared account on the remote system. This new feature is to complement the use of Jumpoints in the network for domain-based rotation but also allow for more singular control over smaller groups of machines.
- **Thick Access Console**
 - When users login to their Thick Access Consoles after upgrading to the 21.1 release, they will see a new Vault tab. The Vault section enables users to Check-In/Out Vault Accounts that the administrator has defined for their user. This enables users to leverage Vault Accounts for session activity or locally on their own device, improving user experience and productivity by enabling access to Jump Items and Vault Accounts from one location.
- **Account Groups**
 - Vault administrators can now organize Vault accounts into account groups, providing a better management experience. Admins can now assign account groups to group policies, rather than only individual Vault accounts. Additionally, Vault accounts can be assigned to an account group during the import process.
- **Personal Accounts**
 - Privileged Remote Access users can now create private generic accounts in Vault. This functionality improves the daily lives of users by allowing them to manage their own Vault accounts privately for use during remote sessions or for quick access to other tools. Users can store Generic Credentials that are not managed, rotated, or visible to anyone else but themselves. These credentials are then useable for injection or check out by that user and that user only.
- **Reporting**
 - Vault reporting has been updated to allow for more search options and the ability to directly download the report results. The reporting API has been updated to support this new functionality.

NEW! Mac Support

BeyondTrust has supported Mac OS X since 2007. And, unlike some remote support solutions that stop with basic support, BeyondTrust offers largely the same functionality for Mac as it does for Windows. In this release we have included:

- **Mac Support Overlay**
 - New overlay during a support session to address the configuration requirements in real time for macOS operating systems so they can be supported and controlled. This new help menu is for guiding end users to the correct location so that the required task as part of the support function can be enabled or disabled.
- **MacOS Big Sur Support**
 - The macOS Representative Console and the Customer Client now fully support macOS Big Sur, including changes to support its new security requirements. The Apple Silicon architecture is also supported through Apple's Rosetta 2 technology.

NEW! Extended ADPU Smart Card Support Option

Within environments where security implementations require smart card use for authentication, BeyondTrust enables the user to pass administrative credentials to a remote computer from a smart card resident on the representative's local system. In this release, we have updated the Virtual Smart Card feature to support Extended APDU. This feature allows for reading data from the smart card up to 65535 bytes at a time and is becoming more common in newer smart cards.

NEW/ENHANCED! RDP Multi Monitor Support

Multiple monitor support allows users to open a Remote Support connection expanded across all the monitors on the client computer regardless of the client monitor configuration. With this feature, the user can fully utilize all the monitors connected to the client computer. In this release we have included the ability of RDP screen sizing and scaling of a session across multiple monitors.

Enhanced Feature Highlights

ENHANCED! Access Console Default Authentication Method

Administrators can set the default authentication method that is selected in the Access Console's login dialog when a user first runs the application, so the user does not need to know what method to select.

ENHANCED! Web Jump – Multiple Tabs

Web Jump Items will support Web Applications which require the user to open more than a single tab during the course of their session.

ENHANCED! Granular Clipboard Group Policy

Administrators can now configure the direction of clipboard syncing with more granular control through a session policy.

ENHANCED! Configurations API

Configuration APIs have been added or enhanced for managing Jump Groups, users, group policies, and Vault accounts.

ENHANCED! Outbound Proxy Test

The Outbound Proxy feature now allows you to test the connection to verify your settings are correct.

ENHANCED! Thick Console Login Agreement

The Login Agreement will now be presented for Thick Access Console login as well as the existing Web Access Console Login Agreement. The Login Agreement is a global setting, and the same agreement will be presented for both the Thick and Web Access Consoles. Allowing users to maintain compliance and integrity with third party vendors and users.

ENHANCED! Vendor Group Increase

Administrators can now define up to fifty (50) Vendor Groups, increased from the previous fifteen (15) limitation.