

BeyondInsight for Unix and Linux 22.3 Release Notes

December 8, 2022

New Features and Enhancements:

License Management

- Added **License Management** section.
- Added links to **License Management** section (home page, nav menu).
- Added **PMUL License Server** selector page.
- Added **PMUL License Server General Details** page.
- Added client counts to **PMUL License Server General Details** page.
- Added license upload to **PMUL License Server General Details** page.
- Added License Clients API.
- Added **PMUL License Server Client Usage** page.
- Added **Clients** grid to **PMUL License Server Client Usage** page.
- Added **Client Details** side-card to **Clients** grid.
- Added filters to **Clients** grid (**IP address, hostname, license component, is retired**).
- Added JSON download to **PMUL License Server Clients** grid.
- Added CSV download to **PMUL License Server Clients** grid.
- Removed **Host Details > PMUL Licensing** tab.
- Added PDF download to **PMUL License Server Clients** grid.
- Added PDF export of **PMUL License Server General Details** page.

Notifications

- Added **Notifications** screen.
- Added **Notification** grid to **Notifications** screen.
- Added **Notifications** link to nav menu.
- Added filters to **Notifications** screen (**read/unread, notification type**).
- Added the creation of stale hosts notifications.
- API to return notifications.
- Added configurability of parameters for generating stale hosts notifications.
- Added notification details side-card to **Notifications** grid.
- Added actions to **Notification** details side-card for profiling hosts affected by stale hosts notifications.
- Added button to **Notification** details side-card to mark a notification as read/unread.
- Added **Notifications** panel to top-right of app.

- Added unread notifications to **Notifications** panel.
- Added button to go to **Notifications** screen from **Notifications** panel.

Product Activation

- Added product activation API.
- Upon activation, a send request to BeyondTrust touchlog is made.
- Added **Product Activation** section to **About > Legal** page for system administrator users only.

Kibana Dashboard

- Added API endpoint for deploying dashboard to Kibana.
- Added **Deploy Dashboard** button to SIEM Connections editor for Elasticsearch SIEMs with a CloudID.
- A link is shown to Kibana dashboard in Elastic Details section if deployed.

Script Support

- Updated authorization policy to support the concept of expired passwords.
- Marked limited set of endpoints as accessible with an expired password.
- Allowed configurability of script hashing parameters.
- Redirect users to change password screen upon login with an expired password.
- Changed use of bcrypt to script algorithm for password hashing.
- All local user passwords (bcrypt-hashed) are expired on upgrade to BIUL 22.3.

Handle Loss of Connectivity to Elasticsearch

- Added a local buffer database to serve as a write queue for Elasticsearch events.
- Modified existing logic to send events to write queue rather than directly to Elasticsearch.
- Added daemon to service write queue, sending events to Elasticsearch.

Issues Resolved:

Style and Appearance

- Resolved styling bug in all grid menus.
- Resolved styling bug in **Console Access > Groups > Add Group**.
- Resolved styling bug in **Privilege Management for Networks** config form.
- Resolved styling bug in **Privilege Management for Networks** rules page.
- Reduced overly large click target area for switch controls throughout the app.
- Reduced overly large click target area for **View RBP Entitlement Report** link.

- Improved error messages for certificate validation.
- Resolved error message when AD Bridge installer cannot be found.
- Ensured consistent labels for enabled/disabled switch across RBP entities.
- Added missing label on **RBP > Reauthentication** page.
- Added missing title on **FIM > Target Definition Editor** page.
- Added help text on **RBP Hostname** field.

Miscellaneous

- Added option to provide sudo alias when installing Sudo Manager.
- Resolved issue that occurred when attempting to create Sudo policy that contained a space in the name.
- Improved handling of promotion of secondary registry server in RNS.
- Updated profile to include information about Sudo Manager use of RNS.
- Updated sudo alias detection and uninstallation to account for Sudo use of RNS.
- Updated profile to record error if conflict in FIM assignments is detected.
- Updated profile to record error if conflict in Sudo assignments is detected.
- Resolved issue with packaging Windows installers.
- Resolved issue with upload of Sudo Manager to **Settings > Software** page.
- Resolved issue getting connection to PMUL REST service.
- Resolved issue with handling of secrets when starting in restricted mode.
- Resolved issue in version API endpoint.
- Resolved issue in which user was unable to edit own roles.
- Resolved issue with missing toast when profiling host.
- Resolved issue with hostname validation during profile.
- Resolved intermittent console error when adding/removing user roles.
- Restored broken link to **RBP > Hosts** page.

Notes:

- Upgraded to Angular 13 for bug fixes, security upgrades, functional and performance improvements.