

BeyondInsight for Unix and Linux 9.3.0 Release Notes

August 4, 2020

New Features and Enhancements:

Access Control

- Created policy repository, storage, and retrieval objects.
- Created policy middleware for entitlement evaluation.
- Added roles to endpoint mappings for middleware.
- Added role management to users via new user details section.
- Roles for users are now displayed in **Console Access** grid.
- Added new roles management UX for groups and users, available via **Settings > Roles**.
- Updated application to remove elements currently authenticated user is not entitled to. Links updated to reflect missing permissions. Direct URL access performs middleware check and routes to new unauthorized page.
- Added **Roles** filter to **Users** grid.
- Split **Console Access** screen into two sub-sections: **Users** and **Groups**.
- Added role entitlements to group objects.
- Updated first account creation logic to grant sysadmin role.
- Created **Group** grid and filtering, as well as **Role** display.
- Added group role membership to group details to display users in groups.
- Group role management added to group details section.

Software Uploads

- Added feature toggling to enable or disable application features.
- Updated the **Settings > Software** page to enable uploads of zip and iso files for installers for BIUL to push. Packages are automatically unpacked upon completion. Upload progress bars and resume included.
- Software upload feature disabled for UVM builds in order to not conflict with BT Updater usage.

Installation Templates

- Added installation template editor, available via **Settings > Software** in the PMUL product row. Includes create, edit, delete, and clone options.
- Added default installation templates for backwards compatibility.
- Added read-only options for templates and applied to defaults.
- Added methods to serialize installation templates to run-time installation flags for product.

Host Tagging

- Added host tag editor to **Host Details**, which allows for complete management of tag inventory and assignment to hosts.
- Added filtering for tags on **Host** lists.
- Added ability to display tags for hosts in **Hosts** lists.

Host Inventory and Action Redesign

- Added **Host Inventory** section to the UX. This is an updated replacement for **Host Management**, focused on management of hosts in the system.
- Discovery has been moved into the **Inventory** section.
- Created a new wizard UX.
- Implemented a new **Action** wizard, which is available via new bulk actions menu or via the **Inventory** grid row menu.
- Ported sudo actions to the wizard.
- Ported AD Bridge actions to the wizard.
- Ported **Profile** action to the wizard.
- Ported Solr actions to the wizard.
- Ported PMUL actions to the wizard.
- Extended jobs API to support progress display.
- Added action finalized to display progress of selected action.

Miscellaneous

- Added confirmation to logout button.
- Added **Check All** option to inventory grid.
- Added user details and editing sub-section.
- SSH port is now configurable in **Host Details**.
- Added grid row menu.
- Updated switches to display current state as label.
- Added profile script for machines that do not have profile binary available.
- Added automatic migration of database schema.
- Policy and log server for PMUL are now editable via **Host Details > PMUL settings**. Multiple log and policy servers can be configured.

Issues Resolved:

- Resolved issue in which profile attempted to remove temp files twice.
- Resolved issue in which profile failed if **pb.db** was removed.
- Resolved issue with **firstrun** during installation on UVM.
- Resolved issue with restrictive settings for allowable characters in usernames.
- Resolved issue with sub-domain authentication via Active Directory.