PowerBroker for Windows 7.8.3.17 Release Notes

July 12, 2019

New Features and Enhancements:

- **Registry Monitoring:** The HKEY_CLASSES_ROOT, HKEY_CURRENT_USER and HKEY_USERS registry hives are now supported. HKEY_USERS may be used with a "*" wildcard in place of the user SID (HKEY_USERS*).

  Note: The SID field under HKEY_USERS is the only location where a wildcard is supported. If a wildcard is used in any other location it will be interpreted as a regular character for matching purposes.

- **Security Enhancement:** A security improvement was made in the area of application launch and verification.
- **Item Level Targeting:** Windows Server 2019 has been added to the operating system item level targeting options.
- **Detours:** Detours has been upgraded to the latest 4.0.1 release.

Issues Resolved:

- **Caching Issue:** Resolved an issue with caching and Publisher rules.
- **User Messages:** Resolved an issue with user messages not being removed correctly on policy update. Applies to Central Policy Mode only.
- **File Integrity Rules:** Resolved an issue with applying File Integrity rules to the system account.
- **Installer:** Resolved an issue with policy mode selection in the installer. The correct policy mode will now be written when selecting **This feature, and all subfeatures, will be installed on the local hard drive**.
- **UAC Prompt Detected Message:** Resolved an issue with an additional user message displaying when providing admin credentials after using the ShowUAC option.
- **ePO:** Resolved an issue with performance on McAfee ePO databases.
- **RCSXML.xml:** Resolved an issue with loading RCSXML.XML (typically due to NULL characters). The file is renamed to **RCSXML_<datetimestamp>_error.xml** if it cannot be loaded.
- **Passcode Generator:** Resolved an issue with the Standalone Passcode Generator crashing on startup.
- **User Policies:** Resolved an issue with not removing User Policy rules from memory when all user policies are removed.

Notes:

- **Microsoft Windows 10 Update 1903:** PowerBroker for Windows 7.8.3.17 is compatible with Microsoft Windows 10 Update Version 1903 Build 18362.
- **Group Policy and User Messages:** In Group Policy mode, under certain circumstances user messages may not be removed when appropriate. In this case, there are two methods to remove them:
  1. Add a blank privileged identity rule to one of the group policies that is pushing out PowerBroker policy. This will clear out any user messages when **gpupdate /force** is run.
  2. If the issue is with a global user message, then the group policy can be configured to delete the registry key of the user message, since global user messages have a static GUID. Global user message GUIDS and locations:

     IE Elevation: HKEY_LOCAL_MACHINE\SOFTWARE\BeyondTrust\PBDesktops\Messages\{2c5ad0b9-44c2-498a-856c-c302f949d936}

     IE Failure: HKEY_LOCAL_MACHINE\SOFTWARE\BeyondTrust\PBDesktops\Messages\{35e4e2dd-ed4a-420d-8044-a07a7c5268e6}

     On Demand Elevation: HKEY_LOCAL_MACHINE\SOFTWARE\BeyondTrust\PBDesktops\Messages\{95ed0b2b-af9c-4e47-9913-5d613f538345}

     UAC Prompt Detected: HKEY_LOCAL_MACHINE\SOFTWARE\BeyondTrust\PBDesktops\Messages\{8f64518b-ffd3-4b2a-9372-74eace1740b5}