



# Active Directory Bridge 10.0

New and Updated Features – February 25, 2020

BeyondTrust [Active Directory Bridge \(ADB\)](#) centralizes authentication for Unix, Linux and Mac environments by extending Active Directory's Kerberos authentication and single sign-on capabilities to these platforms. By extending Group Policy to non-Windows platforms, BeyondTrust provides centralized configuration management, reducing the risk and complexity of managing a heterogeneous environment.

The release of AD Bridge 10.0 is targeted to help larger organizations better manage their systems. Including security updates to the KRB5 libraries for supported systems as well as changing how many ID's that can be mapped to systems from larger.

[Please see the release notes](#) for additional details on these important enhancements.

## New Feature Highlights

### IDRANGE

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Due to limitations in the current AD Bridge UID/GID generation, there is currently a possibility of conflicts where the number of RIDs in a domain exceeds 524288. When RIDs exceed 524288 the UID value will wrap around and there is high risk of conflicts.

IDRANGE is a mode for AD that allows for extending UID/GID generation. This benefits larger user bases that overlap IDs to not have the risk of overlapping.

### KRB5 (Kerberos)

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Kerberos is an authentication protocol that is used to verify the identity of a user or host. This version of ADB utilizes the most recent version of Kerberos security standards – gives users the most up to date security.

**Notice:** Customers will need to upgrade to work with Microsoft's LDAP Channel binding and LDAP signing requirement. Not upgrading could cause systems to break. For more details, please review this [Microsoft Support article](#).

## Other Enhancements/Fixes

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- LSASS host access errors
- CentOS 8 with SELinux enabled fixes
- Mac OSX dock user's remote directory

## About BeyondTrust

BeyondTrust is the worldwide leader in Privileged Access Management (PAM), empowering organizations to secure and manage their entire universe of privileges. Our integrated products and platform offer the industry's most advanced PAM solution, enabling organizations to quickly shrink their attack surface across traditional, cloud and hybrid environments.

The BeyondTrust Universal Privilege Management approach secures and protects privileges across passwords, endpoints, and access, giving organizations the visibility and control they need to reduce risk, achieve compliance, and boost operational performance. Our products enable the right level of privileges for just the time needed, creating a frictionless experience for users that enhances productivity.

With a heritage of innovation and a staunch commitment to customers, BeyondTrust solutions are easy to deploy, manage, and scale as businesses evolve. We are trusted by 20,000 customers, including 70 percent of the Fortune 500, and a global partner network. Learn more at [www.beyondtrust.com](http://www.beyondtrust.com).