

OKTA + BEYONDTRUST

PROTECTING PRIVILEGED ACCOUNTS & SECURING SINGLE SIGN-ON



Adaptive Access Control

Secure access to privileged passwords, sessions, applications, and commands through dynamic factors.

Flexible Workflows

Prompt users for additional authentication on one or more context-aware indicators, including username, group membership, hostname, time, command, operating system, and many more.

Comprehensive Support for Second Factors

Support for multiple second factors – from SMS, voice and email, to one-time passwords (OTSPs) and third-party solutions – ensures maximum flexibility for IT teams; RADIUS support ensures all devices are covered.

The BeyondTrust Privileged Access Management Platform integrates with Okta's multi-factor authentication (MFA), single sign-on (SSO) solution to deliver secure and adaptive authentication to privileged applications. This integration provides a seamless experience for users, enabling organizations to maintain their productivity while ensuring tight access controls.

Key Use Cases

Utilizing Federation for Privileged Accounts — When the Best Password is No Password

- The BeyondTrust platform leverages Okta to enable users to SSO into the central BeyondTrust web console. Okta Desktop Single Sign-On and integrated Windows authentication enables users already authenticated to the Active Directory domain to seamlessly access the BeyondTrust platform, enabling Okta to provision new accounts in BeyondTrust.
- BeyondTrust and Okta can leverage federation and SSO for managed privileged accounts that allow access to protected web applications and consoles, including Google Cloud and AWS. Credentials are neither exposed to the users, nor required to be sent on the wire – regardless of whether the applications reside on-premises or in the cloud.

MFA Support Via RADIUS for BeyondTrust PAM Solutions

- For organizations that have integrated Okta and BeyondTrust, standard users can elevate to applications that require administrator privileges seamlessly using an Okta challenge. Through a simple three-step process, the user enters their credentials and selects their method (e.g. push), approves it on their mobile device, and the application starts. Command-line options are also available for Unix and Linux environments.

Session Management

- When users need to establish a privileged remote session to a server or network device, they can leverage the desktop or session management tool of their choice, such as Terminal or PuTTY. If step-up authentication via Okta is enabled, a push is sent to a device of choice and, when the request is approved, it starts the remote desktop session. This level of integration ensures that users requesting access to privileged accounts and systems are properly authenticated and authorized through adaptive MFA.

Improve Efficiency

Centralizing authentication to BeyondTrust Solutions via the Okta Integration Network simplifies access and improves administrator productivity.

BeyondTrust's Privileged Access Management Platform delivers visibility and control over privileged accounts, users, and assets. The platform integrates a comprehensive set of PAM capabilities to simplify deployments, reduce costs, improve system security, and reduce privilege-related risks. Our solutions include:

- **Privileged Password & Session Management** – Discover, manage, audit, and monitor privileged accounts of all types.
- **Endpoint Privilege Management** – Remove excessive end user privileges on Windows, Mac, Unix, Linux and network devices.
- **Secure Remote Access** – Secure, manage, and audit vendor and internal remote privileged access, and access and support remote systems.

BeyondTrust in the Okta Integration Network

- Using the Okta dashboard, customers can quickly add and configure SAML integration, so users can SSO into the BeyondTrust platform. Also, just-in-time provisioning via SAML can be leveraged for users and privileged accounts connecting to web applications such as Amazon AWS.

BUSINESS BENEFITS

- Connect secure session through Password Safe to Windows asset via Password Safe browser interface (SAML)
- Connect secure session through Password Safe to Linux asset via Password Safe browser interface (SAML)
- Connect secure session through Password Safe to assets via Direct Connect Icon (RADIUS)
- Connect secure session through Password Safe to assets via PuTTY
- Elevate an application (Regedit) through Privilege Manager for Windows, retrieve privileged credentials from Password Safe

BeyondTrust is the worldwide leader in Privileged Access Management, offering the most seamless approach to preventing privilege-related breaches. Our extensible platform empowers organizations to easily scale privilege security as threats evolve across endpoint, server, cloud, DevOps, and network device environments. We are trusted by 20,000 customers.

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