

PowerBroker for Unix & Linux

Privilege and Session Management for Unix & Linux



VISIBILITY. KNOWLEDGE. ACTION.

It's no secret that Unix and Linux systems present high-value targets for external attackers and malicious insiders alike. You can expect to be breached if you share credentials, provide unfettered root access, or let files and sessions go unmonitored. Gaining access to root or other privileged credentials makes it easy for attackers to fly under the radar and access sensitive systems and data. And the risk only increases as attack surfaces expand, perimeters vanish, attackers get smarter, and compliance pressures mount.

So how do you limit eliminate credential sharing, limit root access, ensure accountability, and meet compliance requirements – without hurting productivity?

Protect Privileged Accounts and Achieve Compliance

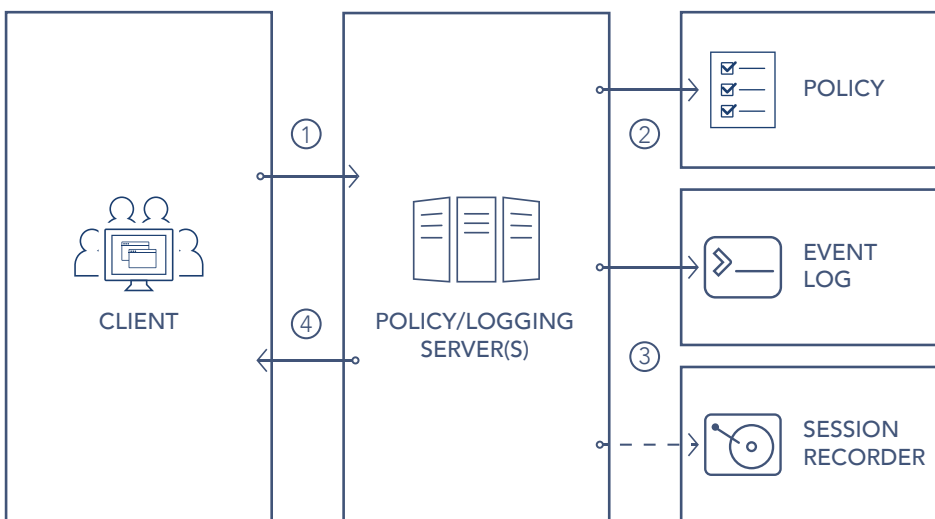
PowerBroker for Unix & Linux is an enterprise-class, gold-standard privilege management solution that gives you unmatched visibility and control over complex server environments.

- Monitor and audit sessions for unauthorized access, changes to files and directories, and compliance.
- Reduce attack surfaces by eliminating credential sharing, enforcing least privilege, and elevating commands without requiring users to have root access.
- Analyze behavior to detect suspicious user, account and asset activity.
- Centralize management, policy and reporting.

"PowerBroker is easy to manage, we are more secure, and we are fully compliant."

— IT Systems Analyst,
Rogers Communications

With over 30 years of experience in server privilege management, BeyondTrust knows what it takes to protect your critical, tier-1 systems, and help you reduce risk and achieve compliance.



- 1 User requests are sent to the policy servers
- 2 Policy check
- 3 Write entry to indexed/searchable event log & record session (optional)
- 4 Output sent back to client

Key Capabilities

AUDITING & GOVERNANCE

Analyzes user behavior by collecting, securely storing and indexing keystroke logs, session recordings and other privileged events.

FINE-GRAINED LEAST PRIVILEGE

Elevate privileges for standard users on Unix and Linux through fine-grained, policy-based controls.

DYNAMIC ACCESS POLICY

Utilize factors such as time, day, location and application/asset vulnerability status to make privilege elevation decisions.

REMOTE SYSTEM & APPLICATION CONTROL

Enable users to run specific commands and conduct sessions remotely based on rules without logging on as admin or root.

FILE & POLICY INTEGRITY MONITORING

Audit and report on changes to critical policy, system, application and data files.

PRIVILEGED THREAT ANALYTICS

Correlate user behavior against asset vulnerability data and security intelligence from best-of-breed security solutions.



The PowerBroker Privileged Access Management Platform

PowerBroker for Unix & Linux is part of the BeyondTrust PowerBroker Privileged Access Management Platform, which delivers visibility and control over all 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. PowerBroker solutions include:

- **Enterprise Password Security:** Provide accountability and control over privileged credentials and sessions.
- **Server Privilege Management:** Control, audit, and simplify access to business critical systems.
- **Endpoint Least Privilege:** Remove excessive user privileges and control applications on endpoints.

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Key Features

ENSURE COMPLIANCE

- Speed forensics and simplify compliance by providing an unimpeachable audit trail of all user activity
- Enable compliance through the compartmentalization of IT tasks that require privileged accounts
- Reduce risk by ensuring that critical files and policies have not been tampered with

SECURE CRITICAL SYSTEMS AND FILES

- Limit attack surfaces by providing just enough access to complete a task, and preventing the use of the root account
- Keep systems safe by only allowing approved applications and commands to be executed
- Reduce attack surfaces by helping IT make privilege decisions based on context and risk
- Protect critical files from malware and privilege misuse
- Eliminate workarounds or gaps that could lead to exploits
- Reduce the risk that user activity can lead to a potentially damaging data breach

IMPROVE EFFICIENCY

- Enhance user productivity by simplifying processes that are complex with native tools or sudo
- Simplify management, and speeds deployments and upgrades

LEVERAGE FLEXIBLE DEPLOYMENT OPTIONS

Implement on-premise software or hardware appliances, or host in Amazon Web Services, Azure Marketplace or Google Cloud.

SUPPORTED PLATFORMS

PowerBroker for Unix & Linux supports more than 100 platforms, including Debian GNU, HP-UX, HP Tru 64, Red Hat Enterprise Linux, Sun Solaris, SuSE Linux Enterprise, VMware ESX, IBM AIX, and others.