The Privileged Access Suite for UNIX

Simplify UNIX security and administration and meet compliance requirements

- Streamlines administration of identities and access across diverse environments
- Consolidates management of UNIX identities into Active Directory
- Enforces least-privileged access
- Flexible UNIX delegation capabilities
- Comprehensive control from a single console
- Easily meet compliance and audit requirements for your entire UNIX environment
- Centralized management of policies across UNIX/Linux servers

System requirements

For a complete list of system requirements, visit oneidentity.com/privileged-access-suite-for-unix

UNIX systems (including Linux and Mac OS), by their very nature, have distinct challenges when it comes to security and administration. Because native UNIX-based systems are not linked to one another, each server or OS instance requires its own source of authentication and authorization—including superuser authorization through the root account.

Without a way to effectively manage identities across UNIX and non-UNIX systems and a way to control and audit use of the root account, organizations are left with disjointed, inefficient and highly inconsistent management—and they risk potentially catastrophic security lapses.

The Privileged Access Suite for UNIX, a part of the One Identity products, solves these inherent security and administration issues of UNIX-based systems while making it easy to satisfy compliance requirements. It unifies

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Typical Unix / Linux environment

Unix / Linux environment with the Privileged Access Suite for Unix

Centralized administration

Centralized policy file

Centralized access reports

Centralized identity management

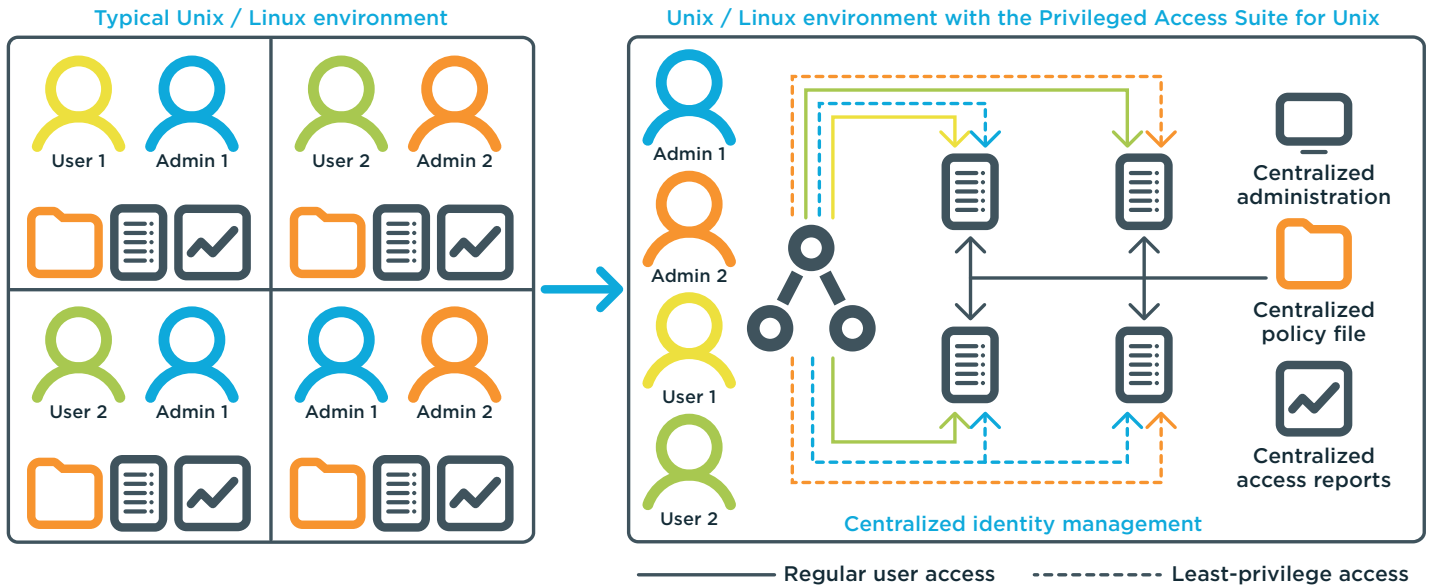————— Regular user access ---------- Least-privilege access

Figure 1 – The Privileged Access Suite for UNIX unifies and consolidates identities while providing individual accountability and least-privilege access based on a single policy file and with centralized reporting across your entire UNIX/Linux environment.

and consolidates identities, assigns individual accountability and enables centralized reporting for user and administrator access to UNIX.

The Privileged Access Suite for UNIX is a one-stop shop for UNIX security that combines Microsoft® Active Directory® bridge and root-delegation solutions under a unified console that grants organizations centralized visibility and streamlined administration of identities and access rights across their entire UNIX environment.

Active Directory bridge

The Privileged Access Suite for UNIX extends the unified authentication and authorization of Active Directory (AD) to UNIX, Linux and Mac OS systems using an Active Directory bridge. Authentication Services, One Identity's AD bridge solution removes the stand- alone authentication and authorization requirement

of native UNIX in favor of the single identity, one account, single point of management available through AD for Windows systems. UNIX systems functionally become "full citizens" in AD through a single well-managed account that improves efficiency for identity lifecycle management, and leverages the authentication strength of AD to allow UNIX to use secure Kerberos authentication, which enhances security.

Root delegation

The Privileged Access Suite for UNIX offers two different approaches to delegating the UNIX root account. The suite either enhances or replaces sudo, depending on your needs. By choosing to enhance sudo with Privilege Manager for Sudo, you will keep everything you know and love about sudo while enhancing it with a central policy server, centralized management, and centralized reporting on access rights and activities, as

well as keystroke logging of activities performed through sudo.

If you choose to replace sudo with Privilege Manager for UNIX, you will still be able to delegate the UNIX root privilege based on centralized policy reporting on access rights, but do so with more granular permissions and the ability to log keystrokes on all activities from the time a user logs in, not just the commands that are prefixed with "su." In addition, this option enhances security by restricting shells and remote host command execution while hardening binaries to remove the ability to escape out of commands that gain undetected elevated access.

Features

Consolidated Identities – Simplify identity management by consolidating UNIX accounts with role-based access managed centrally through Active Directory and a single AD identity.

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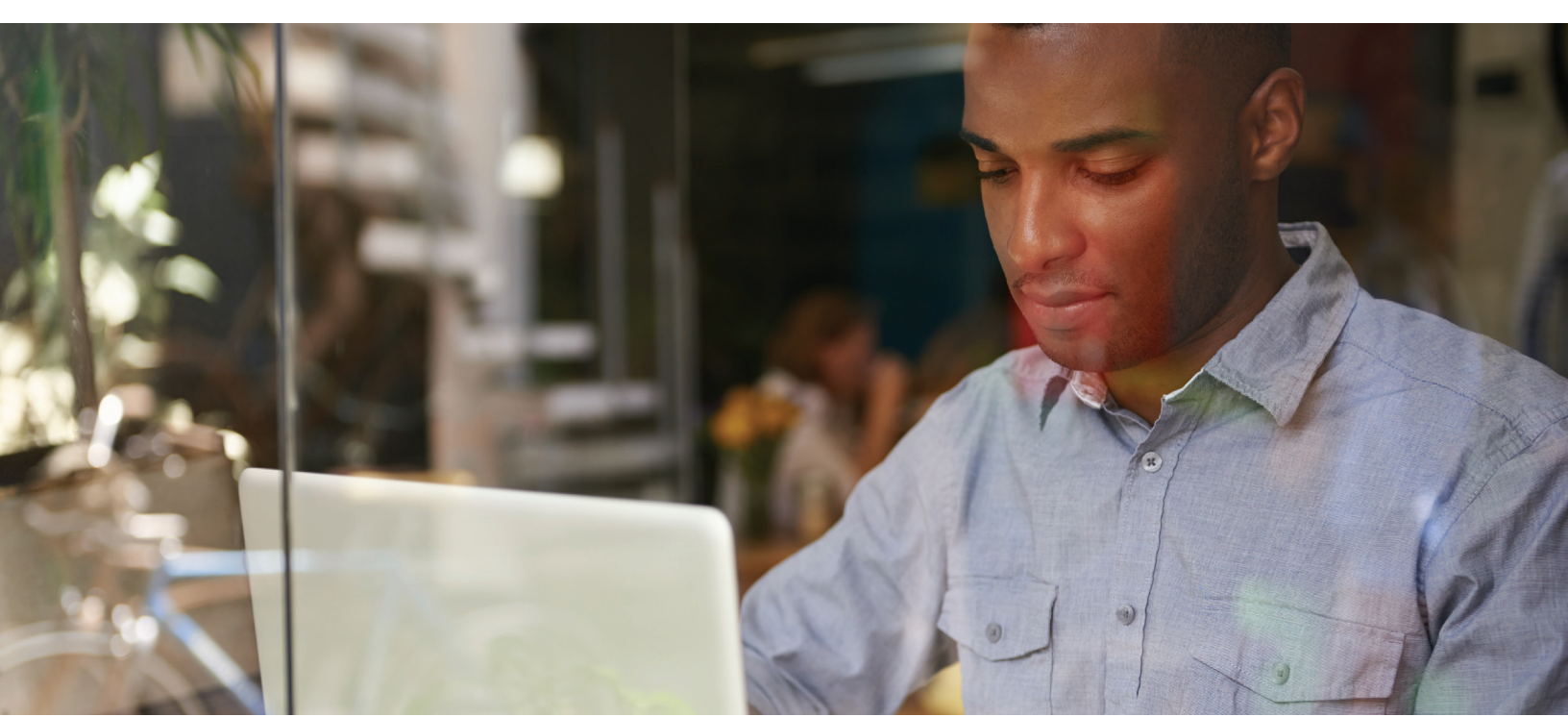
Least-privilege access – Grant administrators only sufficient rights to perform their duties while protecting you from the dangers of too much access. Individual administrators are granted only the rights necessary to fulfill their responsibilities.

Centralized management and administration – Centrally configure and enforce unified access policies across your entire UNIX environment.

Sudo reporting – Easily report on sudo access rights solving one of the hardest aspects of supporting sudo in an enterprise. There is no change to how end users operate, which means no new training required, just simplified access reporting for auditing and compliance.

360-degree visibility – Deliver integrated, comprehensive control and visibility into UNIX/Linux activities with a single console. Easily gain insight into who created an access policy, what it contains and when it was applied. In addition the Privileged Access Suite for UNIX is the only solution to provide centralized reporting on individual access rights across sudo and an enterprise delegation solution tied to user account data in AD.

Trust but verify – Provides the individual accountability and visibility into activities and rights necessary to satisfy compliance and security demands. Audit capabilities include policy reporting, rights reporting and history, change tracking and roll-back, and keystroke logging.

Single sign-on – Empowers you to achieve "true" single sign-on for the entire UNIX, Linux and Mac OS environment as well as key standards- based applications, such as SAP, Siebel and others.

For more information

To learn more about Privileged Access Suite for UNIX visit oneidentity.com/privileged-access-suite-for-unix

About One Identity

The One Identity family of identity and access management (IAM) solutions, offers IAM for the real world including business-centric, modular and integrated, and future-ready solutions for identity governance, access management, and privileged management.

Learn more at OneIdentity.com

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