One Identity Safeguard Authentication Services

The next generation of Active Directory bridge technology

Introduction

One Identity Safeguard Authentication Services by Quest provides enterprise-wide access, authentication and authorization for UNIX, Linux and Mac OS X systems by using an organization’s existing Active Directory (AD) infrastructure. Safeguard Authentication Services’ patented technology allows non-Windows resources to become part of the AD trusted realm, and extends AD’s security, compliance and authentication capabilities to UNIX, Linux and Mac OS X.

Safeguard Authentication Services is the undisputed leader in the Active Directory bridge market with nearly 1,500 customers and more than 5 million deployed licenses. Only Safeguard Authentication Services provides the functionality, flexibility and scope of integration to meet the needs of the most complex and demanding heterogeneous global organizations.

Benefits

• Eliminates complexity by allowing UNIX, Linux and Mac OS X systems to participate as “full citizens” in Active Directory
• Consolidates the administration of AD-enabled systems and AD Bridge
• Delivers strong authentication as part of the AD bridge solution
• Provides centralized authentication and single sign-on
• Facilitates the migration of all systems and users to a single Active Directory-based infrastructure
• Simplifies security and compliance

Tools for managing your AD bridge

Safeguard Authentication Services has robust and flexible UNIX utilities, as well as flexible deployment options. It contains a powerful set of tools for creating and managing your AD bridge, including:

• Product configuration and licensing
• Guidance to help with initial setup and integrating systems with AD
• A broad range of migration and deployment options
• NIS migration tools with pre-migration assessment and preparation
• Group Policy and local UNIX users and groups management tools
• Simplified and compliant auditing and reporting
• Strong authentication for non-Windows systems

**Strong Authentication**

Safeguard Authentication Services includes licenses for powerful AD-based, one-time password (OTP), strong authentication across all supported UNIX, Linux and Mac OS X platforms. In addition, Safeguard Authentication Services extends Windows-based smart cards to UNIX and Linux and supports third-party OTP solutions.

**Audit, alerting and change tracking**

Only Safeguard Authentication Services gathers the vital data demanded by auditors. Safeguard Authentication Services enables you to audit, alert and provide a detailed change history of UNIX-centric information managed by Active Directory.

**Compliance**

Safeguard Authentication Services uses the same industry standards as AD to provide a compliant alternative to multiple identity stores and points of authentication, as well as non-compliant directories, such as NIS. It also quickly and easily gathers the critical information demanded by auditors, and seamlessly facilitates strong authentication for non-Windows systems.

**Migration**

Ideally, most heterogeneous organizations want to consolidate into one secure and robust directory for all of their systems. Safeguard Authentication Services can help you quickly achieve that goal by streamlining the process of integrating UNIX, Linux and Mac OS X systems and users to the AD domain. It also facilitates a fast and accurate migration from multiple authentication mechanisms, identities and directories into a single AD-based infrastructure. Capabilities include:

• Mapped User Mode provides an elegant alternative to a full migration. It allows the migration to proceed at its own pace while quickly resolving the most pressing compliance requirements. Mapped User Mode enables organizations to achieve immediate compliance with no impact on the Active Directory schema.
• UNIX Personality Management creates alternate UNIX “personalities” to define profiles in AD for different systems, using standard schema attributes based on the default AD schema definition.
• Ownership Alignment Tool simplifies the time-consuming final step of resolving user-ID conflicts at the end of a migration.
• It provides a flexible tool set for aligning the ownership of conflicting files; this allows you to quickly realign user namespace conflicts before, during or after your primary migration to AD.
• Full RFC 2307 NIS Map Support provides full support for users migrating their NIS infrastructure into Active Directory’s RFC 2307 NIS maps, enabling them to completely retire their existing NIS infrastructure. RFC 2307 is supported with advanced NIS map import wizards, NIS map editors for Windows, and full RFC 2307 support in the Safeguard Authentication Services NIS proxy.
• UNIX Account Import Wizard imports users and groups to personalities from sources such as NIS, local files or remote shells. It also enables you to choose sophisticated matching criteria (for linking to account principal) from pop-ups. This greatly simplifies the tedious work of migrating users into AD.

**Enterprise Group Policy**

Safeguard Authentication Services provides an easily implemented, infinitely scalable, and natively integrated extension of the Windows Rights Management Service Group Policy to UNIX, Linux and Mac OS systems. Through this framework, you can leverage the existing Group Policy extensions built into the product, or develop your own based on the simple ADM template methodology, or the more capable client-side extensions. Safeguard Authentication Services includes generic scripting, file copying and customization, as well as a collection of powerful prepackaged Group Policies and flexible policy management. In addition, the product leverages existing Windows security policies, making AD entirely authoritative for UNIX, Linux and Mac OS X access control. Safeguard Authentication Services includes a powerful Group Policy interface for Mac OS X systems that provides control over the entire range of Mac policy and preferences.

“Overall, the installation of One Identity software products has reduced downtime and saved the bank around 100 staff-days of work each year.”

Alexander Nesterenko, Deputy Head of the IT Support Department
About One Identity

One Identity by Quest, lets organizations implement an identity-centric security strategy, whether on-prem, in the cloud or in a hybrid environment. With our uniquely broad and integrated portfolio of identity management offerings including account management, identity governance and administration and privileged access management, organizations are empowered to reach their full potential where security is achieved by placing identities at the core of the program, enabling proper access across all user types, systems and data. Learn more at OneIdentity.com

© 2020 One Identity LLC ALL RIGHTS RESERVED. One Identity, and the One Identity logo are trademarks and registered trademarks of One Identity LLC in the U.S.A. and other countries. For a complete list of One Identity trademarks, please visit our website at www.oneidentity.com/legal. All other trademarks, servicemarks, registered trademarks, and registered servicemarks are the property of their respective owners.

Datasheet_2020_SG-AuthServices_RS_60344