

# **Product Brief**

# Upgrading Layer7 Privileged Access Manager

## **Key Benefits**

- Improved hybrid enterprise support.
- Optimized user experience.
- Enhanced operational efficiencies and security.
- Increased integration flexibility.

# Key Features

- New clustering replication architecture.
- New target connector framework.
- Java-less PAM agent.
- Expanded integration support for Active Directory, Azure, and SailPoint.
- Exclusive privileged credential checkout.
- Retrospective break-glass approval workflow.

### Overview

CA Technologies is committed to enhancing and strengthening its privileged access management portfolio. Upgrading to the latest release of Layer7 Privileged Access Manager (formerly CA Privileged Access Manager, and herein referred to as Layer7 PAM) provides new and enhanced features, cumulative bug fixes, and security and operational efficiency improvements.

The key enhancements available in Layer7 PAM 3.3 include:

- New clustering replication architecture. Layer7 PAM now leverages the v8 group replication capabilities of Oracle MySQL, which provides enhanced stability and reduced maintenance downtime.
- **Target connector framework**. Layer7 PAM now enables customers to easily build custom connectors for remote targets that are not supported with out-of-the-box connectors.
- Java-less PAM agent. Layer7 PAM introduces the PAM access agent, which is a lightweight Java-less alternative to the existing PAM client.

The table below provides a simplified summary of the features and enhancements available for 3.3 and for previous versions. For more detail, review the product documentation.

# Features and Enhancements

Features and Enhancements	3.0*	3.1*	3.2*	3.3
<b>New clustering replication architecture</b> . Leverages Oracle MySQL v8 group replication capabilities, which provides enhanced stability and reduced downtime.	No	No	No	Yes
<b>Target connector framework.</b> Enables you to easily build custom connectors for remote targets that are not supported with out-of-the-box connectors.	No	No	No	Yes
Java-less PAM agent. Provides a lightweight Java-less alternative to the existing PAM client.	No	No	No	Yes
<b>Enhanced Microsoft Azure support.</b> Use the connector to update passwords for Azure AD accounts to manage cloud-only accounts. Also, now supports Azure.gov.	No	No	No	Yes
<b>Enhanced transparent login support.</b> Enables a transparent login for multiple accounts as part of a policy for optimized user experience.	No	No	No	Yes
<b>Enhanced PIV/CAC smart card support.</b> Enables you to map specific fields from PIV/CAC card to fields in an Active Directory for authentication.	No	No	No	Yes
<b>Enhanced break-glass approval process</b> . Configure policy to allow immediate break-glass access to account credentials with a retrospective approval option.	No	No	No	Yes

# **Product Brief**

Exclusive checkout support. Enables policies to guarantee that a user has exclusive rights to a credential when it isNo.	Features and Enhancements	3.0*	3.1*	3.2*	3.3
Updated cryptographic algorithms. Adds new strong cryptography algorithms and extends forward-secrecy.NoNoNoNoNoNoEnhanced backup support. Copy and compress database backup files in one step.NoNoNoNoVesYesAzure support and integration. Discover and protect Azure privileged accounts. In addition, Layer7 PAM is availableNoNoNoYesYesMobile device support. Check out and check in passwords from a mobile device. Also supports password policies.NoNoYesYesCertified SaliPoint identify IO integration. Provision and de-provision Layer7 PAM users, process privileged access.NoNoYesYesEnhanced mainframe support. Supports a mainframe proxy bring-your-own-client approach, auto-login and sessionNoYesYesYesEnhanced PI///CAC authentication. Kerberos with PIV//CAC card authentication now includes Windows RDP and WebNoYesYesYesExpanded Marcano Web Services (WAY) support. Added support for protecting international AWS instances in: Frankfurt. Seoul. London, and US East (Ohio).YesYesYesYesYesExpanded Marcano Meb Services (WAY) support. Added support for protecting international AWS instances in: Frankfurt. Seoul. London, and US East (Ohio).YesYesYesYesYesExpanded Marcano Meb Services (WAY) support.NoYesYesYesYesYesYesExpanded Marcano, Heb Services (WAY) support.NoYesYesYesYesYesYesExpanded Marcano, Heb Services (		No	No	No	Yes
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Azure support and integration. Discover and protect Azure privileged accounts. In addition, Layer7 PAM is availableNoVesYesAzure an Azure Virtual Hard Disk (VHD) appliance.NoNoYesYesMobile device support. Check out and check in passwords from a mobile device. Also supports password policies.NoNoYesYesCertified SailPoint identity 10 integration. Provision and de-provision Layer7 PAM users, process privileged accessNoNoYesYesEnhanced mainframe support. Supports a mainframe proxy bring-your-own-client approach, auto-login and sessionNoYesYesWindows proxy alternative. Minimizes Layer7 PAM tostprint by allowing the appliance, instead of an agent, to directlyNoYesYesPerform service, task, and credential management, and to perform discovery functions.NoYesYesYesExpanded Hirrsoft Support. Support Support. Added support for protecting international AWS instances in: Frankfurf, Seoul, London, and US East (Ohio).NoYesYesYesExpanded Microsoft Support. Enables the Layer7 PAM client to automatically trust certificates in the Windows trust store. Allows you to retain policies and rotate credentials as accounts move to different Active Directory operating units. Provides full support for Windows 2016 operating systems.YesYesYesYesYesNew NST-approved encryption module. Appliance ships with a new NIST-approved, FIPS 140-2 certified C-Security Kemel for cryptographic operations when in FIPS mode.YesYesYesYesYesNew NST-approved encryption module. Appliance ships with a new NIST-	Updated cryptographic algorithms. Adds new strong cryptography algorithms and extends forward-secrecy.		No	No	Yes
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can now be disabled to enhance security for inbound communication. Yes Ves Ves Ves Ves Ves Ves Ves Ves Ves V		Yes	Yes	Yes	Yes
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		Yes	Yes	Yes	Yes

\* Some enhancements were introduced in service packs or controlled releases.



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