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# SAS Agent for PEAP

## CUSTOMER RELEASE NOTES

**Version:** 8.2.7  
**Build:** 70  
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# Product Description

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## Overview

SAS Agent for PEAP supports the use of SafeNet Authentication Service (SAS) strong authentication with the Protected Extensible Authentication Protocol (PEAP).

The SAS Agent for PEAP package includes a customized FreeRADIUS version 2.1.12 application running on a Windows platform preconfigured to terminate Phase 1 outer identity and to proxy an MS-CHAPv2 authentication mechanism to another RADIUS server.

## About PEAP

The Protected Extensible Authentication Protocol (PEAP) is a common authentication protocol for communication between a VPN server and mobile devices. PEAP encapsulates the Extensible Authentication Protocol (EAP) within an encrypted and authenticated TLS tunnel.

FreeRADIUS has a built-in feature to locally terminate the Transport Layer Security (TLS) outer tunnel, decrypt the PEAP tunnel, and then extract the inner identity to proxy the MS-CHAPv2 authentication mechanism to another RADIUS server.

PEAP creates two concentric tunnels:

- An encrypted and authenticated TLS outer tunnel
- An inner tunnel that uses an EAP method (such as EAP-MS-CHAPv2) for authentication, and is protected by the TLS outer tunnel

## Release Description

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SAS Agent for PEAP 8.2.7 introduces support for failover to the secondary FreeRADIUS server.



**NOTE:** The failover will not work in case the primary FreeRADIUS server is reachable and only the FreeRADIUS service is down or crashed. In that case, it will continue attempting connection with the primary FreeRADIUS server instead of going to the failover server, and continue to log the unsuccessful attempts.

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## Compatibility Information

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### Operating System

Windows Server 2012 R2



**NOTE:** SAS Agent for PEAP is a 32-bit application, but runs seamlessly on the 64-bit Windows Server 2012 R2 operating system.

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## Authentication Management Platform

SafeNet Authentication Service (SAS) Cloud

SafeNet Authentication Service (SAS) PCE/SPE 3.3.2 or later

## Resolved Issues

CSR	Description
SASNOI-58	When the primary FreeRADIUS server was down, there was no way for the PEAP Agent to fail over to the secondary FreeRADIUS server.
SASNOI-21	Because of connection error, huge log file was created until the server ran out of disk.

## Product Documentation

The following product documentation is associated with this release:

- SAS Agent for PEAP Configuration Guide

We have attempted to make these documents complete, accurate, and useful, but we cannot guarantee them to be perfect. When we discover errors or omissions, or they are brought to our attention, we endeavor to correct them in succeeding releases of the product.

## Support Contacts

If you encounter a problem while installing, registering, or operating this product, please make sure that you have read the documentation. If you cannot resolve the issue, contact your supplier or SafeNet Customer Support. SafeNet Customer Support operates 24 hours a day, 7 days a week. Your level of access to this service is governed by the support plan arrangements made between SafeNet and your organization. Please consult this support plan for further information about your entitlements, including the hours when telephone support is available to you.

Contact Method	Contact Information
Address	SafeNet, Inc. 4690 Millennium Drive Belcamp, Maryland 21017, USA
Phone	US 1-800-545-6608
	International 1-410-931-7520
Technical Support Customer Portal	<a href="https://serviceportal.safenet-inc.com">https://serviceportal.safenet-inc.com</a> Existing customers with a Technical Support Customer Portal account can log in to manage incidents, get the latest software upgrades, and access the SafeNet Knowledge Base.