ADSS WebRA Server – Release Notes

This document provides a high-level description of the new features in each release of ADSS WebRA Server.

ADSS WebRA Server 2.8.0	May 2023

New Features

- **Windows Certificate Enrolment (WRA-10232)**
  - ADSS Web RA Server 2.8 adds support for Windows Native Certificate Enrolment, ADSS Web RA Server exposes two new enrolment interfaces, a Certificate Enrolment Policy web service (CEP) and Certificate Enrolment Service (CES), these services enable Microsoft and any CEP\CES aware clients to request certificates from ADSS Server manually or automatically via Microsoft Group Policy. ADSS Web RA Server CEP\CES implementation supports Windows Integrated, Username and Password and Certificate based authentication.

- **Support for Azure Active Directory Authentication (WRA-10174)**
  - ADSS Web RA now supports Azure Active Directory, this allows users to authenticate to ADSS Web RA Server, and to perform additional authentication when requesting certificate renewal and certificate revocation.

- **Auto-fill Subject Distinguished Name (WRA-10234)**
  - Values of a users Subject Distinguished Name (SDN) can now be auto-filled when requesting a certificate, these values can be detected from Microsoft Active Directory or a SAML authentication source.

- **CMP and EST Device CA expiry notification and suspension (WRA-10175)**
  - ADSS Web RA Server now supports sending expiry notifications for enterprise Device CA certificate(s) that have been registered for CMP and EST device enrolment. Operators can now also suspend or activate these Device CA certificate(s).

- **Admin log export (WRA-10393)**
  - ADSS Web RA Administrators can now Export Logs from the operator portal in Microsoft Excel format.

- **WebRA Audit Logs (WRA-1445)**
  - ADSS Web RA log details for user changes (pre-state and post-state) are now available for the web portal.

- **Device enrolment protocols multi-tenancy support (WRA-10398)**
  - ADSS WebRA Server now supports multi-tenancy for SCEP, EST, ACME, and CMP device enrolment protocols, Enterprise Administrators can now manage device enrolment secrets and Device CA Certificates from within their enterprise.

- **The enterprise certificate request restrictions (WRA-9509)**
  - ADSS Web RA Server now provides restrictions to prevent enterprise users from requesting certificates where the organisation field does not match the users Enterprise name.

- **Virtual CSP account password reset (WRA-9620)**
  - ADSS Web RA now enables Desktop Signing (VCSP) account password recovery.

- **Compliance with Mozilla Root Store Policy 2.8 (WRA-11556)**
  - ADSS WebRA Server TLS certificate revocation reasons have been updated to comply with the TLS Baseline requirement of the Mozilla Root Store Policy 2.8.

Improvements

- **Security Improvements (WRA-10678)**
  - Third-party libraries have been updated in this release.

- **Automatic publication of system changes (WRA-9622)**
  - ADSS WebRA Server now automatically publishes system changes following confirmation from the operator.

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Tested Operating Systems

Operating Systems	Tested Version(s)
Microsoft	• Windows Server 2016, 2019, 2022

> **Microsoft Windows Server 2022**
> **Note:** TLS 1.3 is enabled by default for installations of Windows Server 2022, integrated applications should support this version of TLS. For application integrations that do not support this and need to be updated, customers can disable TLS 1.3 over TCP in the IIS Bindings.

Tested Database Servers

Database Servers	Tested Version(s)
Microsoft	• SQL Server 2014, 2016, 2019 (Express, Standard and Enterprise Editions)

Tested Mobile \ Tablet & Browsers

Device Operating System Version(s)	Browser Type	Browser Version(s)
Android 7.1.1	Google Chrome	99.0.4844
Apple iPhone 8 iOS 16.1.1	Safari	16

Supported SigningHub

ADSS WebRA 2.8 supports the following SigningHub versions:

Version (s)	Compatibilities
7.7.8	• All features are supported
8.0	• All features are supported

Supported ADSS Server

ADSS WebRA 2.8 supports the following ADSS Server versions:

Version (s)	Compatibilities
6.6.0.17	• All features are supported
6.7	• All features are supported

6.8.0.5	• All features are supported
6.9	• All features are supported
7.1	• All features are supported
8.0*	• All features are supported

Supported Upgrades

ADSS WebRA 2.8 supports the following upgrade paths:

Upgrades Paths	Steps
2.2 to 2.8	• View read me file
2.3 to 2.8	• View read me file
2.4 to 2.8	• View read me file
2.5 to 2.8	• No manual step required
2.6 to 2.8	• No manual step required
2.7 to 2.8	• No manual step required

ADSS WebRA Server 2.8.0 Product Compatibility

Product	Version(s)
Go>Sign Desktop	v6.6 and above
SigningHub	v7.7.8, 8.0
ADSS Server	v6.6.0.17 v6.7 v6.8.0.5 v6.9.0.16* v7.1 v8.0
Note: Web RA 2.8 now supports the Windows Certificate Enrolment, this functionality requires ADSS Server 6.9.0.16	