

# ADSS Web RA Server – Release Notes

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

**ADSS Web RA Server 2.9.0**

**December 2023**

## New Features

- **Microsoft Intune SCEP support**
  - ADSS Web RA Server introduces the Microsoft Intune SCEP (Simple Certificate Enrolment Protocol). Microsoft Intune SCEP support enables organisations to easily integrate ADSS Web RA Server with the Microsoft Intune platform to issue and manage digital certificates for devices and users.
- **TLS Certificate Allowed Domain List**
  - ADSS Web RA Server now provides the option for enterprise owners to specify a list of permitted TLS domains to issue certificates for.
- **ACME Renewal Information (ARI) Support**
  - ADSS Web RA Server introduces the ACME Renewal Information (ARI) Extension. ARI makes it possible to handle certificate revocation and renewal as easily and automatically as the process of requesting a certificate.
- **Enrolment Workflow Customisations**
  - ADSS Web RA Server now allows an operator to set customisable text for each step of the certificate enrolment workflow for all types of certificate requests, the enables enterprises to provide customised guidance to users for each step of enrolment.
- **Domain Validation through CAA RFC 8659**
  - ADSS Web RA Server now supports the use of the Certification Authority Authorisation (CAA) DNS record for TLS/SSL certificate issuance. Operators can now use CAA to specify which CAs are authorised to issue certificates for their domain.
- **Certificate Authority Dashboard Widget**
  - A new widget has been added to the Web RA Server dashboard, this will display information about CA Certificates and CRL's in use for an enterprises PKI, this enables administrators to view and download CA Certificates, ARL & CRL.
- **OpenID Connect (OIDC) support for authentication and Registration**
  - ADSS Web RA Server now supports OpenID Connect (OIDC). This allows users to authenticate to ADSS Web RA Server, and to perform additional authentication during certificate renewal and certificate revocation. User registration also supports auto-registration of Virtual ID and SigningHub account, certificate generation and auto-provisioning Virtual ID certificate to SigningHub.

## Improvements

- **Updated Third-Party Libraries**
  - Third-party that are supplied as part of ADSS Web RA Server have been updated.
- **ADSS Client ID and Secret Explicitly Named**
  - ADSS Web RA Server now implements explicit naming of ADSS Client ID and Secret. This enhancement helps distinguish the ADSS Server connector from the other connectors.
- **Remove Restriction Ascertia Virtual CSP certificate usage restriction**
  - ADSS Web RA Server now enables users to generate certificates for all purposes using Ascertia Virtual CSP and Desktop Signing profiles.
- **View raw CSR contents**
  - ADSS Web RA Server now enables operator to view the raw CSR contents during the processing of a certificate request.
- **Activity log Time Zone Update**
  - ADSS Web RA Server now displays date and time for all listings, activities and logs according to the selected time zone in default settings and in web portal from the user's browser locale setting.

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- **Certificate Removal**
  - The ADSS Web RA Server introduces a new policy to allow authorised operators to permanently delete certificates, certification deletion is disabled by default and can be placed under dual control. Certificate deletion enables organisations to remove certificates that were issued in error with the incorrect contents, certificates that need to be removed should be revoked first.
- **Virtual ID Certificate Requests**
  - ADSS Web RA Server now allows a user to select from multiple profiles while creating a Virtual ID certificate based on his role. An administrator can set a default Virtual ID profile for a default role.
- **Revocation reason for EV, OV and DV TLS Certificates**
  - When revoking EV, OV and DV TLS certificates, the option to select an "Unspecified" reason will no longer be available in the Reason for revocation drop down.
- **User registration through Citizen ID**
  - ADSS Web RA Server now allows users to register via citizen ID as the unique identifier. User registration also supports auto-registration of Virtual ID and SigningHub account, certificate generation and auto-provisioning Virtual ID certificate to SigningHub.

For more information on supported platforms, click the following link:

<https://manuals.ascertia.com/WebRA-v2.9/ADSS-WebRA-Server-Platform-Support.pdf>