ADSS Server – Release Notes

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

ADSS Server v6.8	January 2021

New Features

- **Support for Thales Luna Network HSMs certified to EN 419 221-5 - (ADSS-8345)**
  ADSS SAM Service now supports remote signature creation using any Thales Luna HSM version 7.7+ CC EAL4+ certified to ETSI EN 419 221-5.

- **Performance enhancement when using UtimacoCP5 HSM - (ADSS-5668)**
  The ADSS SAM Service now has an enhanced driver for the UtimacoCP5 HSM that improves system performance to 50 ~ 60 Signatures per second.

- **ADSS Server Master Key Management - (ADSS-10748)**
  Customers can now choose how they wish to generate and protect the ADSS Server Master Key, ADSS Server now supports software or hardware security module-based master keys.

- **ADSS Server startup utility - (ADSS-12694)**
  This startup utility enables operators to enter the PKCS#11 slot passphrase when using HSM based Master Keys.

- **PAdES-LT support in ADSS Server - (ADSS-11459)**
  ADSS Server Signing, Verification and Go>Sign Services, have all been enhanced to support PAdES LT in addition to LTA signatures.

- **Support for Cloud Signature Consortium (CSC) API 1.0.4.0 - (ADSS-7710)**
  ADSS Server RAS Service now supports the latest Cloud Signature Consortium API.

- **Certificate Transparency enhancements for ADSS Server - (ADSS-8326)**
  The ADSS Server Certificate Transparency (CT) option now allows CA's operating within an internal network zone to communicate with CT Log Servers via the ADSS Web RA Server.

- **Support for ICAO LDS (Logical Data Structure) signatures in Signing Service - (ADSS-11173)**
  The ADSS Server Signing Service has been enhanced to sign ICAO Compliant Logical Data Structures in support of the issuance of Machine-Readable Travel Documents.

- **License Usage Alerts - (ADSS-11553)**
  ADSS Server can send operator alerts when ADSS Server Services approach configurable usage limits.

- **Linux "systemd" support - (ADSS-8060)**
  ADSS Server now supports the use of systemd instead of init.d on Linux systems to manage the startup of the ADSS Server system core, console and service daemons.

- **Failover Syslog Server support - (ADSS-11488)**
  The ADSS Server logging system now supports XML based configurations in addition to properties-based configurations, to support failover syslog servers.

- **Certificate templates now support additional Certificate Purposes - (ADSS-12638)**
  Authorised operators can now add/remove Certificate Purposes in Certificate Templates, this enables applications like ADSS Web RA Server to search and filter certificates based on template names.

- **Operator alerts when a CVCA certificate is rekeyed - (ADSS-11175)**
  The ADSS SPOC Service can now send notification alerts to operators when CVCA certificate is rekeyed.

- **LDIF file import Support for ADSS Server NPKD Service - (ADSS-11466)**
  ADSS Server NPKD Service has been enhanced to enable operators to import LDIF files containing Master Lists, CRLs, Document Signing Certificates. This enables NPKD operators to manually import LDIFs from ICAO and other countries to enable the creation of Master Lists and to send these materials to border control.

Improvements in this release

- **Deleting certificate with a "+" sign - (ADSS-9843)**
  ADSS Server operators can now delete keys and certificates which contain "+" character.

- **Update ADSS Server Console terminology - (ADSS-6314)**
  Throughout ADSS Server, the use of SSL has been replaced with TLS in accordance with CAB Browser Forum and Web Trust guidelines.

- **Configurations file size limit - (ADSS-4944)**
  ADSS Server can now import an XML configuration files up to 25 MB.

- **MariaDB connector upgrade - (ADSS-10727)**
  The MariaDB connector has been upgraded to v2.6.0

- **Management reports font support - (ADSS-8792)**
  ADSS server now supports jasper JR Font extensions to enable management reports to display correctly on Linux based installations.

- **ADSS SPOC Service Declined Requests - (ADSS-11166)**
  ADSS SPOC Service now enables operators to view requests that have been declined operators.

Discontinued Features

- **Oracle 11 Support**
  ADSS Server no longer supports Oracle 11.

ADSS Server Product Compatibility

Product	Version(s)
ADSS Client SDK - Java	6.8, 6.7, 6.6
ADSS Client SDK - .Net	6.8, 6.7, 6.6
Go>Sign Desktop	6.8, 6.7, 6.6
ADSS Auto File Processor	6.8, 6.7, 6.6
ADSS Secure Email Server	6.8, 6.7, 6.6
Notes: Customers upgrading to ADSS Server 6.8 can do so from either ADSS Server 6.6 or 6.7, any customers upgrading from 6.5 must upgrade to 6.6 prior to upgrading to 6.8.	

For further details contact us on sales@ascertia.com or visit www.ascertia.com

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