



AccessMatrix Supported Platforms - 6.0.0-GA

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## Supported Platforms for AccessMatrix

This page lists supported environments to run AccessMatrix products as of AccessMatrix 6.0.0-GA.

### Changes in Release 6.0.0-GA

- **Updated**

- Database Engine:
  - Updated to MySQL 8.4
- Web Application Server and Java Development Kit (JDK) / Java Runtime Environment (JRE):
  - Updated to Apache Tomcat 10.1
  - Updated to JBoss Web Server 6
  - Updated to Oracle Java SE 21
  - Updated to Red Hat OpenJDK 21
- Container Orchestration:
  - Updated to Kubernetes 1.31 on Microsoft Azure
  - Updated to Kubernetes 1.31 on Amazon Web Services (AWS)
- Web Browser:
  - Updated to Google Chrome 129
  - Updated to Microsoft Edge (Chromium) 129
- USO Trainer and USO Client:
  - Updated to 5.6.2.0030-GA-E28
- USO Client (Mobile):
  - Updated to iOS 18
  - Updated to Android 14
  - Updated to HarmonyOS 4.2
- Windows Workstation:
  - Updated to Windows 11 (version 24H2)

- **Added**

- UAM as SAML SP/OIDC Relying Party:
  - Added OAuth 2.1 for Authorization Code Flow with PKCE

# AccessMatrix Common Framework

## Operating System

Operating System	Version
Windows Server	Windows Server 2022 (Version 21H2)
Linux	Red Hat Enterprise Linux Server 8
	Red Hat Enterprise Linux Server 9

## Database Engine

Database Name	Version
MySQL	MySQL 8.4
Microsoft SQL Server	Microsoft SQL Server 2019
	Microsoft SQL Server 2022
Oracle	Oracle 19c
	Oracle 23c

## Web Application Server and Java Development Kit (JDK) / Java Runtime Environment (JRE)

Web/Application Server	Version	Supported JRE/JDK Version
Apache Tomcat	Apache Tomcat 10.1 (bundled version: Apache Tomcat 10.1.34)	Eclipse Temurin 21 (formerly known as AdoptOpenJDK)
		Oracle Java SE 17
		Oracle Java SE 21
JBoss Web Server	JBoss Web Server 6	Red Hat OpenJDK 17
		Red Hat OpenJDK 21

## Container Orchestration

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Provider	Platform
Microsoft Azure	Kubernetes 1.31
Amazon Web Services (AWS)	Kubernetes 1.31

### Redis Cache Server

Cache Server	Version
Redis	6.0

### Web Browser for Admin Console & Common Login Page (CLP)

Web Browser	Version
Google Chrome	Google Chrome 129
Microsoft Edge	Microsoft Edge (Chromium) 129

**\* Internet Explorer is no longer supported as Microsoft has ended mainstream support on June 15, 2022.**

### CLP Windows Integrated Authentication

Web Server	Version
IIS	IIS 10 with Windows Server 2022 (Version 21H2)

### HSM For Key Management

Key Provider	HSM Device
PKCS11 Key Provider	AWS Cloud HSM
	Azure Dedicated HSM
	Entrust nShield Connect HSM
	Thales (formerly SafeNet) Luna Network HSM
	Thales (formerly SafeNet) ProtectServer Network HSM

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Key Provider	HSM Device
	Utimaco CryptoServer HSM
SafeNet Jcprov Key Provider	Thales (formerly SafeNet) ProtectServer Network HSM
Thales payShield Key Provider	Thales payShield 10k HSM
Cloud-based Key Provider	AWS Key Management Service
	Azure Key Vault
	Google Cloud HSM

**AccessMatrix Universal Authentication Server (UAS)**

**Tokens**

Token Vendor	Token Model
OneSpan (VASCO)	DPGo3, DP300, DP270 <b>Note:</b> These are the tested OneSpan (VASCO) tokens.
OneSpan (VASCO) Multi Device	DIGIPASS App, DP4APPS SDK
OATH	TOTP, HOTP, OCRA, V-Key, YESsafe, Feitian, Dynamic Code K8
FIDO	FIDO UAF 1.0, FIDO2

**Tokens (OTP verification inside HSM)**

Token Vendor	HSM Device
OneSpan (VASCO) / OneSpan (VASCO) Multi Device	Entrust nShield Connect HSM
	Thales (formerly SafeNet) ProtectServer Network HSM
OATH	Thales (formerly SafeNet) ProtectServer Network HSM
	Utimaco CryptoServer HSM

<b>OneSpan (VASCO) Token Library Version</b>
3.18.0 and above

**End-to-End Encryption Authentication (E2EEA)**

Type of E2EEA	Supported HSM
True E2EEA (verification inside HSM)	Thales (formerly SafeNet) Payment HSM
	Thales (formerly SafeNet) ProtectServer Network HSM with i-Sprint E2EEA FM
	Thales payShield 10K HSM
	Utimaco SecurityServer HSM with i-Sprint E2EEA FM
Pseudo E2EEA (verification inside AccessMatrix)	AWS Cloud HSM / AWS Key Management Service
	Azure Key Vault / Azure Dedicated HSM
	Entrust nShield Connect HSM
	Google Cloud HSM
	Thales (formerly SafeNet) Luna Network HSM
	Thales (formerly SafeNet) ProtectServer Network HSM
	Thales payShield 10K HSM

**E2EEA Login Modules with PIN Mailer Support**

Login Module	Paper PIN Mailer	PDF PIN Mailer	Dual Control
PseudoE2EEA	No	Yes	No
SafeNet ProtectServer	No	Yes	No
Thales payShield	Yes	Yes	No
PHEFT	Yes	Yes	Yes
Utimaco CryptoServer	Yes	Yes	Yes

**Web Browser for Token Activation Portal (TAP)**

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Web Browser	Version
Google Chrome	Google Chrome 124
Microsoft Edge	Microsoft Edge (Chromium) 124

**YESsafe Token+ 5.0**

App Version	SDK Version	Operating System (OS)	OS Version
Token+ 1.2.0	5.0.0	iOS	iOS 13.6
			iOS 14.4
			iOS 17.5
Token+ 1.2.0	5.0.0	Android	Android 10
			Android 11
			Android 12
			Android 14
			Android 15
		Harmony	HarmonyOS 4.0

**AccessMatrix Universal Access Management (UAM)**

**Web Security Agent (WSA)**

WSA Reverse Proxy Plugin	Version
Apache HTTP Server	Apache HTTP Server 2.4 (64 bit) on Red Hat Enterprise Linux 9

**UAM as SAML IdP/OpenID Provider/OAuth Authorization Server**

Federated SSO	Binding/Profile/Flow
SAML 2.0	Web Browser SSO Profile (HTTP Redirect and HTTP POST bindings)
OIDC 1.0	Basic Profile (Authorization Code)
	Implicit Profile



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<b>Federated SSO</b>	<b>Binding/Profile/Flow</b>
	Config Profile
	Hybrid Profile
	Dynamic Profile
OAuth 2.0	Implicit Flow
	Authorization Code Flow
	Authorization Code Flow with PKCE
	Resource Owner Password Credential Flow
	Client Credential Flow
OAuth 2.1	Authorization Code Flow with PKCE
	Hybrid Flow with PKCE (adapted based on OAuth 2.1 and OIDC 1.0)
	Client Credential Flow

**UAM as SAML SP/OIDC Relying Party**

<b>Federated SSO</b>	<b>Profile/Binding</b>
SAML 2.0	Web Browser SSO Profile (HTTP Redirect, HTTP POST, and HTTP Artifact bindings)
OIDC 1.0	Basic Profile (Authorization Code)
OAuth 2.0	Authorization Code Flow
	Authorization Code Flow with PKCE
OAuth 2.1	Authorization Code Flow with PKCE

**Externalized Authentication**

<b>Authentication Provider</b>
Facebook

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<b>Authentication Provider</b>
Google
LINE
SingPass Mobile
WeChat

**AccessMatrix Universal Sign-On (USO)**

**Web Browser for Single Sign-On (SSO) Portal**

<b>Web Browser</b>	<b>Version</b>
Google Chrome	Google Chrome 129
Microsoft Edge	Microsoft Edge (Chromium) 129

**USO Trainer**

<b>USO Trainer Version</b>
5.6.2.0030-GA-E28

<b>Operating System</b>	<b>Version</b>
Windows Workstation	Windows 10 (version 22H2)
	Windows 11 (version 24H2)

<b>Web Browser</b>	<b>Version</b>
Google Chrome	Google Chrome 129
Microsoft Edge	Microsoft Edge (Chromium) 129

**USO Client**

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<b>USO Client Version</b>
5.6.2.0030-GA-E28

<b>Operating System</b>	<b>Version</b>
Windows Workstation	Windows 10 (version 22H2)
	Windows 11 (version 24H2)

<b>Web Browser</b>	<b>Version</b>
Google Chrome	Google Chrome 129
Microsoft Edge	Microsoft Edge (Chromium) 129

**USO Client (Mobile)**

<b>USO Client App Version</b>	<b>Operating System (OS)</b>	<b>OS Version</b>
USOClient iOS v5.7.8	iOS	iOS 15
		iOS 18
USOClient Android v5.7.5	Android	Android 12
		Android 15
	Harmony	HarmonyOS 4.2

**Active Directory Password Filter (ADPF)**

<b>Operating System</b>	<b>Version</b>
Windows Server	Windows Server 2022 (Version 21H2)