AccessMatrix

TM

AccessMatrix Supported Platforms - 5.7.6-GA

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Table of Contents

1. Supported Platforms for AccessMatrix

Supported Platforms for AccessMatrix 5.7.6-GA

This page lists supported environments to run AccessMatrix products as of AccessMatrix 5.7.6-GA.

Changes in Release 5.7.6-GA

- **Updated**
  - Database Engine:
    - Added Oracle 23c
    - Updated to MySQL 8.0.35 and MySQL 8.0.36
  - Web Application Server and Java Development Kit (JDK) / Java Runtime Environment (JRE):
    - Eclipse Temurin 11 is not tested in this release
    - Added Eclipse Temurin 21
    - Added Red Hat OpenJDK 11
  - Azure from 1.27 to 1.28
  - Amazon Web Services (AWS) from 1.25 to 1.29
  - Web Browser:
    - Google Chrome from 119.x to 124.x
    - Microsoft Edge (Chromium) from 119.x to 124.x
  - CLP Windows Integrated Authentication:
    - Tested for Windows Server 2019 Standard
  - Tokens:
    - Added FIDO2
  - YESsafe Token+ 4.0:
    - App version for iOS - from 1.1.4 to 1.1.5
    - App version for Android - 1.1.6 to 1.1.7
    - Added iOS 12.5.5
    - Upgraded testing from iOS 15.7 to iOS 17.5
  - Web Security Agent (WSA):
    - Red Hat Enterprise Linux Server updated to 9.3
  - USO Trainer and USO Client from 5.6.2.0020-E18 to 5.6.2.0023-GA-E21

- o USO Client (Mobile):

    - Added iOS 17.0

    - Added Android 14

    - HarmonyOS from 2.0.0 to 4.0.0

  - o Windows Workstation:

    - Updated to Windows 11 (version 23H2)

- **Added**

  - o Redis Cache Server

    - Added Redis 6.0

  - o UAM as SAML IdP/OpenID Provider/OAuth Authorization Server:

    - Added OAuth 2.1

AccessMatrix Common Framework

Operating System

Operating System	Version
Windows Server	Windows Server 2019
	Windows Server 2022
Linux	Red Hat Enterprise Linux Server 8.x
	Red Hat Enterprise Linux Server 9.x

Database Engine

Database Name	Version
MySQL	MySQL 8.0.35
	MySQL 8.0.36
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 9.0 (bundled version: Apache Tomcat 9.0.83)	Eclipse Temurin 17 (formerly known as AdoptOpenJDK)
		Eclipse Temurin 21 (formerly known as AdoptOpenJDK)
		Oracle Java SE 11
		Oracle Java SE 17
JBoss Web Server	JBoss Web Server 5.7	Oracle Java SE 11
		Oracle Java SE 17
		Red Hat OpenJDK 11
		Red Hat OpenJDK 17

Container Orchestration

Platform	Provider
Kubernetes 1.28	Microsoft Azure
Kubernetes 1.29	Amazon Web Services (AWS)

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 124.x
Microsoft Edge	Microsoft Edge (Chromium) 124.x

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

CLP Windows Integrated Authentication

(Required for UAS Mobile Token Activation Portal, USO SSO Portal, USO SSF, SAML, and OIDC)

Web Server	Version
IIS	IIS 10 (Windows Server 2019/2022 Standard)

HSM For Key Management

Key Provider	HSM Device
PKCS11 Key Provider	Thales (formerly SafeNet) Luna Network HSM
	Thales (formerly SafeNet) ProtectServer Network HSM
	nShield Connect HSM
	Utimaco CryptoServer HSM
	AWS Cloud HSM
	Azure Dedicated 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 **Note:** 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	Thales (formerly SafeNet) ProtectServer Network HSM
	nShield Connect HSM
OATH	Thales (formerly SafeNet) ProtectServer Network HSM
	Utimaco CryptoServer HSM

OneSpan (VASCO) Token Library Version
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
	Google Cloud HSM
	nShield Connect 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)

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

YESsafe Token+ 4.0

App Version	SDK Version	Operating System (OS)	OS Version
Token+ 1.1.5	4.1.9	iOS	iOS 12.5.5
			iOS 14.4.1

			iOS 17.5
Token+ 1.1.7	4.1.10	Android	Android 10
			Android 11
			Android 12
			Android 13
			Android 14
		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 9.3

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
	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

Federated SSO	Profile/Binding
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

Externalized Authentication

Authentication Provider
Facebook
Google
LINE
SingPass Mobile
WeChat

AccessMatrix Universal Sign-On (USO)

Web Browser for Single Sign-On (SSO) Portal

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

USO Trainer

USO Trainer Version
5.6.2.0023-GA-E21

Operating System	Version
Windows Workstation	Windows 10 (version 22H2)
	Windows 11 (version 23H2)

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

USO Client

USO Client Version
5.6.2.0023-GA-E21

Operating System	Version
Windows Workstation	Windows 10 (version 22H2)
	Windows 11 (version 23H2)

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

USO Client (Mobile)

USO Client App Version	Operating System (OS)	OS Version

USOClient iOS v5.7.8	iOS	iOS 15.7
		iOS 17.0
USOClient Android v5.7.5	Android	Android 12
		Android 14
	Harmony	HarmonyOS 4.0.0

Active Directory Password Filter (ADPF)

Operating System	Version
Windows Server	Windows 2022

Features That Are No Longer Developed

- Features that depends on Citrix are no longer developed, as Citrix 7.6 has major changes in the architecture that is incompatible with our product design; and Citrix 7.5 and earlier, it has reached end of life on Jun 30, 2018.

- Features that depends on Internet Explorer are no longer developed, as several dependencies used in AccessMatrix products has ended their support for Internet Explorer. This is because Microsoft has ended mainstream support for Internet Explorer on June 15, 2022.

- AccessMatrix XML-RPC APIs are no longer developed, as we've migrated to REST APIs.

- AccessMatrix running on Java 8 and below are no longer developed, as various dependencies has ended their support for Java 8 and below. Some dependencies no longer provide security vulnerabilities fixes for Java 8 and below.

- USO Chome Extension using Manifest version 2 and below are no longer developed, because Google has transited to using Manifest version 3. Google Chrome Web Store no longer accepts compilation and publication of extensions using Manifest version 2.