



## AccessMatrix Supported Platforms for 5.6.7-GA

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# Table of Contents

|  |   |
|--|---|
| Supported Platforms for AccessMatrix 5.6.7-GA .....      | 4 |
| AccessMatrix Common Framework .....                      | 4 |
| AccessMatrix Universal Authentication Server (UAS) ..... | 5 |
| AccessMatrix Universal Access Management (UAM) .....     | 5 |
| AccessMatrix Universal Sign-On (USO) .....               | 6 |

# Supported Platforms for AccessMatrix 5.6.7-GA

This page lists supported environments to run AccessMatrix products.

## AccessMatrix Common Framework

### Operating System

| Operating System | Version                      |
|------------------|------------------------------|
| Windows Server   | Windows Server 2012 R2       |
|                  | Windows Server 2016          |
|                  | Windows Server 2019          |
| Linux            | Red Hat Enterprise Linux 7.x |

### Database Engine

| Database Name        | Version                   |
|----------------------|---------------------------|
| MySQL                | MySQL 5.6.4 (minimum)     |
| Microsoft SQL Server | Microsoft SQL Server 2012 |
|                      | Microsoft SQL Server 2014 |
|                      | Microsoft SQL Server 2016 |
|                      | Microsoft SQL Server 2017 |
|                      | Microsoft SQL Server 2019 |
| Oracle               | Oracle 12c                |
|                      | Oracle 19c                |

### Java Runtime Environment (JRE) / Java Development Kit (JDK)

| JRE/JDK              | Version   |
|----------------------|---|
| Oracle JRE/JDK       | Oracle JRE/JDK 1.8 (minimum is 1.8.0_181_b13)<br>Oracle JRE/JDK 11 LTS<br>(Note: Oracle non-LTS JRE/JDK, such as JRE 10 or JRE 11, is not supported.) |
| AdoptOpenJDK JRE/JDK | AdoptOpenJDK JRE/JDK 11   |
| IBM JRE              | IBM JRE 1.8 (That's bundled with IBM WebSphere. See <b>Web Application Server</b> section for specific IBM WebSphere version.)                        |

### Web Application Server

| Web/Application Server | Version   |
|------------------------|---|
| Oracle WebLogic        | Oracle WebLogic 12c (12.1.2)                      |
| IBM WebSphere          | IBM WebSphere 8.5.5                               |
|                        | IBM WebSphere 9.0                                 |
| Apache Tomcat          | Apache Tomcat 9.0 (default: Apache Tomcat 9.0.35) |
| JBoss Web Server       | JBoss Web Server 5.0                              |

### Web Browser for Admin Console

| Web Browser       | Version              |
|-------------------|----------------------|
| Internet Explorer | Internet Explorer 11 |
| Google Chrome     | Google Chrome 81.x   |

### CLP Windows Integrated Authentication

(May be required for UAS Mobile Token Activation Portal, USO SSO Portal, USO SSF and SAML)

| Web Server | Version                                    |
|------------|--|
| IIS        | IIS 10 (Windows Server 2019, version 1809) |

**HSM For Key Management**

| Key Provider                | HSM Device                        |
|-----------------------------|-----------------------------------|
| PKCS11 Key Provider         | SafeNet Luna Network HSM          |
|                             | SafeNet ProtectServer Network HSM |
|                             | nShield Connect HSM               |
|                             | AWS Cloud HSM                     |
|                             | Azure Dedicated HSM               |
| SafeNet Jcprov Key Provider | SafeNet ProtectServer Network 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<br><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 and Feitian                                     |
| FIDO                         | FIDO UAF 1.0   |

**Tokens (OTP verification inside HSM)**

| Token Vendor                                   | HSM Device                        |
|--|-----------------------------------|
| OneSpan (VASCO) / OneSpan (VASCO) Multi Device | SafeNet ProtectServer Network HSM |
|  | nShield Connect HSM               |
| OATH   | SafeNet ProtectServer Network HSM |

| OneSpan (VASCO) Token Library Version |
|---------------------------------------|
| 3.15.0 and above                      |

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

| Type of E2EEA                                   | Supported HSM  |
|---|--|
| True E2EEA (verification inside HSM)            | SafeNet Payment HSM                                      |
|   | SafeNet ProtectServer Network 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                                      |
|   | SafeNet Luna Network HSM                                 |
|   | SafeNet ProtectServer Network HSM                        |

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

| Web Browser       | Version              |
|-------------------|----------------------|
| Internet Explorer | Internet Explorer 11 |
| Google Chrome     | Google Chrome 83.x   |

**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 7.4 |

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

| Federated SSO | Profile/Binding  |
|---------------|--|
| SAML          | Web Browser SSO Profile (HTTP Redirect and HTTP POST bindings) |
| OIDC          | Basic Profile (Authorization Code)                             |
|               | Implicit Profile   |
|               | Config Profile   |
| OAuth 2.0     | Implicit   |
|               | Authorization Code   |
|               | Resource Owner Password Credential                             |
|               | Client Credential  |

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

| Federated SSO | Profile/Binding  |
|---------------|--|
| SAML          | Web Browser SSO Profile (HTTP Redirect, HTTP POST, and HTTP Artifact bindings) |
| OIDC          | Authorization Code   |

**Externalized Authentication**

| Authentication Provider |
|-------------------------|
| Facebook                |
| Google                  |
| LINE                    |
| SingPass Mobile         |
| WeChat                  |

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

| Web Browser       | Version              |
|-------------------|----------------------|
| Internet Explorer | Internet Explorer 11 |
| Google Chrome     | Google Chrome 83.x   |

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

**Web Browser for SSO Portal (USO Client based Enterprise SSO)**

| Web Browser       | Version                        |
|-------------------|--------------------------------|
| Internet Explorer | Internet Explorer 11           |
| Google Chrome     | Google Chrome 83.x             |
| Microsoft Edge    | Microsoft Edge (Chromium) 83.x |

**USO Trainer**

| Operating System    | Version                   |
|---------------------|---------------------------|
| Windows Workstation | Windows 7                 |
|                     | Windows 10 (version 1909) |

**USO Client**

| Operating System    | Version                   |
|---------------------|---------------------------|
| Windows Workstation | Windows 7                 |
|                     | Windows 10 (version 1909) |