

One Identity Starling Two-Factor AD FS Adapter 7.1

Release Notes

March 2020

These release notes provide information about the One Identity Starling Two-Factor AD FS Adapter release.

About this release

Starling Two-Factor AD FS Adapter integrates with Microsoft Active Directory Federation Services (AD FS) to add two-factor authentication to services using browser-based federated logins. AD FS Adapter supports relying parties that use Microsoft WS-Federation protocol, such as Office 365, as well as SAML 2.0 federated logons for cloud apps such as Google Apps and Salesforce.com. AD FS Adapter supports Windows Server 2012 R2, Windows Server 2016, and Windows Server 2019.

New features

New features in Starling Two-Factor AD FS Adapter 7.1

- Support for TLS v1.2 and above

See also:

- [Resolved issues](#)

Resolved issues

The following is a list of issues addressed in this release.

Table 1: General resolved issues

Resolved Issue	Issue ID
Users may get more than one push notification while using Starling AD FS Adapter for multi-factor authentication.	142409
Multi-Factor Authentication using Starling Two-Factor AD FS Adapter fails in Internet Explorer browser if the System locale is other than en-US.	151391

System requirements

Before installing Starling Two-Factor AD FS Adapter 7.1, ensure that your system meets the following minimum system requirements. You can install AD FS Adapter on physical computers or virtual machines.

Table 2: System requirements

Requirement	Details
Processor	1.4 GHz or faster, x64 architecture
Memory (RAM)	4 GB
Hard disk space	50 MB or more
Operating system	<ul style="list-style-type: none">Windows Server 2012 R2Windows Server 2016Windows Server 2019
Additional Requirements	<ul style="list-style-type: none">Microsoft .NET Framework 4.6.2 or laterPowerShell 4.0 or laterAD FS role must be installed and configured

Product licensing

Use of this software is governed by the Software Transaction Agreement found at www.oneidentity.com/legal/sta.aspx. This software does not require an activation or license key to operate.

Upgrade and Installation instructions

For information on upgrading Starling Two-Factor AD FS Adapter, refer to Upgrading Starling Two-Factor AD FS Adapter section in the Starling Two-Factor AD FS Adapter Administration Guide.

For installation instructions, see the *Starling Two-Factor AD FS Adapter Administrator Guide*.

Globalization

This section contains information about installing and operating this product in non-English configurations, such as those needed by customers outside of North America. This section does not replace the materials about supported platforms and configurations found elsewhere in the product documentation.

This release is Unicode-enabled and supports any character set. In this release, all product components should be configured to use the same or compatible character encodings and should be installed to use the same locale and regional options. This release is targeted to support operations in the following regions: North America, Western Europe and Latin America, Central and Eastern Europe, Far-East Asia, Japan. It supports bidirectional writing (Arabic and Hebrew). The release supports Complex Script (Central Asia – India, Thailand).

About us

One Identity solutions eliminate the complexities and time-consuming processes often required to govern identities, manage privileged accounts and control access. Our solutions enhance business agility while addressing your IAM challenges with on-premises, cloud and hybrid environments.

Contacting us

For sales and other inquiries, such as licensing, support, and renewals, visit <https://www.oneidentity.com/company/contact-us.aspx>.

Technical support resources

Technical support is available to One Identity customers with a valid maintenance contract and customers who have trial versions. You can access the Support Portal at <https://support.oneidentity.com/>.

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. The Support Portal enables you to:

- Submit and manage a Service Request
- View Knowledge Base articles
- Sign up for product notifications
- Download software and technical documentation
- View how-to videos at www.YouTube.com/OneIdentity
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product

Third-party contributions

This product contains some third-party components (listed below). Copies of their licenses may be found at referencing <https://www.oneidentity.com/legal/license-agreements.aspx>. Source code for components marked with an asterisk (*) is available at <http://opensource.quest.com>.

Table 3: List of Third-Party Contributions

Component	License or Acknowledgement
libphonenumber-csharp 8.8.11	Copyright © Original Java code is Copyright (C) 2009-2017 Google Inc. This component is governed by Apache 2.0
Log4Net 2.0.8	Copyright 2004-2017 The Apache Software Foundation This component is governed by Apache 2.0
Microsoft.IdentityModel.JsonWebTokens 5.6.0	Copyright © Microsoft Corporation. All rights reserved. This component is governed by MIT N/A
Microsoft.IdentityModel.Logging 5.6.0	Copyright © Microsoft Corporation. All rights reserved. This component is governed by MIT N/A
Microsoft.IdentityModel.Tokens 5.6.0	Copyright © Microsoft Corporation. All rights reserved. This component is governed by MIT N/A
Newtonsoft.Json 12.0.3	Copyright © 2007 James Newton-King This component is governed by MIT Json.NET

Component**License or Acknowledgement**

System.IdentityModel.Tokens.Jwt 5.6.0

N/A

Copyright © Microsoft Corporation. All rights reserved.

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Legend

-  **WARNING: A WARNING icon highlights a potential risk of bodily injury or property damage, for which industry-standard safety precautions are advised. This icon is often associated with electrical hazards related to hardware.**

-  **CAUTION: A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.**