ComponentSpace

SAML for ASP.NET

Quick Start Guide

Overview

Understanding SAML SSO

If you're unfamiliar with SAML SSO, refer to the *SAML for ASP.NET Primer* for an introduction.

Installing the product

Refer to the *SAML for ASP.NET Installation Guide* for the steps to install the product ready for use with the examples and your applications.

Running the Examples

It's a good idea to run the example projects included with the product to see SAML SSO in action and to gain familiarity with the SAML configuration and API.

Also, these examples are handy for the initial testing of your SAML SSO enabled application.

The *SAML for ASP.NET Examples Guide* walks through running the example identity provider and service provider projects. It also describes the corresponding SAML configuration and calls into the SAML API.

Understanding SAML Configuration

SAML configuration is used to specify information about the local provider and partner provider(s). This information is used by the SAML API to support SAML SSO and SLO.

The *SAML for ASP.NET Configuration Guide* details the various SAML configuration settings.

Understanding SAML Metadata

SAML metadata is a standard XML format for exchanging configuration information between identity providers and service providers.

The *SAML for ASP.NET Metadata Guide* describes how to generate, import and export metadata.

Understanding the SAML API

The *SAML for ASP.NET Developer Guide* describes the various SAML APIs as well as how to support SSO and SLO flows when acting as either the identity provider or service provider.

For more detailed information, a *SAML for ASP.NET Reference Guide* is also available.

Managing X.509 Certificates

X.509 certificates are used to secure SAML SSO and SLO flows through XML signatures and XML encryption as well as transport layer security.

The *SAML for ASP.NET Certificate Guide* describes the management of these certificates.

Integrating with a Partner Provider

Integration guides for various partner providers are available at:

https://www.componentspace.com/Forums/ComponentSpace-Documentation/Documentation-SAML-SSO-for-ASPNET

If you don't see your specific integration and need assistance, please contact us.

Need Assistance?

If you have any questions or need assistance, you're more than welcome to contact us through our support forums at https://www.componentspace.com/forums or by email at support@componentspace.com.

Creating an Identity Provider

The following sections describe the recommended steps for enabling your web application to act as an identity provider and support SSO with partner service providers.

Creating a Certificate

A certificate and associated private key are required for signing SAML messages and assertions.

A common approach is to generate a self-signed certificate with the private key and certificate stored in a PFX file and the public key and certificate stored in a CER file.

It's recommended these certificate files are stored in a certificates folder under your application.

The SAML for ASP.NET Certificate Guide's *Generating Self-Signed Certificates* section describes how to generate a self-signed certificate.

Creating the Local Identity Provider Configuration

SAML configuration is used to specify the local identity provider.

The SAML for ASP.NET Configuration Guide's *Creating SAML Configuration* section describes running the CreateConfiguration console application to generate local identity provider configuration.

The *SAML Configuration XML* section describes how to add the generated configuration to your application.

Exporting the Local Identity Provider Metadata

The SAML for ASP.NET Metadata Guide's *Exporting Metadata* section describes running the ExportMetadata console application to generate SAML metadata.

The local identity provider metadata specifies your SAML configuration and may be distributed to partner service providers so they may update their configuration.

Importing the Partner Service Provider Metadata

The SAML for ASP.NET Metadata Guide's *Importing Metadata* section describes running the ImportMetadata console application to import SAML metadata to update the SAML configuration.

The partner service provider should supply their SAML metadata.

Updating the Application Code

The *SAML for ASP.NET Developer Guide* describes the various SAML APIs to support SSO and SLO flows when acting as the identity provider.

The *SAML for ASP.NET Examples Guide* walks through the SAML specific code in the example identity provider.

Use these guides to enable SAML SSO in your application.

Creating a Service Provider

The following sections describe the recommended steps for enabling your web application to act as a service provider and support SSO with partner identity providers.

Creating a Certificate

A certificate and associated private key are required if SAML messages are to be signed.

A common approach is to generate a self-signed certificate with the private key and certificate stored in a PFX file and the public key and certificate stored in a CER file.

It's recommended these certificate files are stored in a certificates folder under your application.

The SAML for ASP.NET Certificate Guide's *Generating Self-Signed Certificates* section describes how to generate a self-signed certificate.

Creating the Local Service Provider Configuration

SAML configuration is used to specify the local service provider.

The SAML for ASP.NET Configuration Guide's *Creating SAML Configuration* section describes running the CreateConfiguration console application to generate local service provider configuration.

The *SAML Configuration XML* section describes how to add the generated configuration to your application.

Exporting the Local Service Provider Metadata

The SAML for ASP.NET Metadata Guide's *Exporting Metadata* section describes running the ExportMetadata console application to generate SAML metadata.

The local service provider metadata specifies your SAML configuration and may be distributed to partner identity providers so they may update their configuration.

Importing the Partner Identity Provider Metadata

The SAML for ASP.NET Metadata Guide's *Importing Metadata* section describes running the ImportMetadata console application to import SAML metadata to update the SAML configuration.

The partner identity provider should supply their SAML metadata.

Updating the Application Code

The *SAML for ASP.NET Developer Guide* describes the various SAML APIs to support SSO and SLO flows when acting as the service provider.

The *SAML for ASP.NET Examples Guide* walks through the SAML specific code in the example service provider.

Use these guides to enable SAML SSO in your application.