

# Dynamic Assertion Generator Plugin for CA Single Sign-On



## What it does

The Dynamic Assertion Generator Plugin for CA Single Sign-On allows designated sites to send user information along with a request for a SAML Assertion. The information is used to dynamically modify the SAML Assertion, specifically NameID and Attributes.

For security, the modification data will be sent in an AES (128 or 256 bit) encrypted URL Query parameter. The key used for encryption is shared only between the two parties of the trusted partnership. Different keys can be setup for each application within a partnership.

A utility is also provided for producing the encrypted URL Query parameters. This is to assist in testing and setup of the Packaged Work Product.

## Benefits that Deliver Value

The Dynamic Assertion Generator Plugin delivers:

- Security check – An optional check can be performed to ensure the SAML Assertion modifications are only performed on the intended user.
- NameID – The SAML Assertion NameID can be modified based on a passed in type and value.
- Add Attributes – Zero to many SAML Assertion Attributes can be added to the Assertion. The SAML Assertion Attributes have a designated name, type and value.
- Data security – The information is sent AES encrypted, so it cannot be seen or altered.
- Flexibility - Can be configured with multiple trusted partners. Each trusted partnership has a separate configuration.

## How it works

Many of our customers find that the Service Provider in a Federation Partnership has important information about the user and/or request. Some of this information is often not available to the Identity Provider. Since the Identity Provider creates the SAML Assertion, there was a need to securely pass information from the Service Provider along with a request for a SAML Assertion. This packaged work product provides the ability to use this information to modify the SAML Assertion being generated.

## Technical Prerequisites

A list of technical prerequisites for this packaged work product can be found at [CA Support online](#). This is a central repository that will help you identify CA Technologies product compatibility with operating systems, other third-party software products, as well as with certification standards and regulations. [Contact](#) your CA Services representative for further assistance with purchasing this component.