# Guest Authentication Through Our Partners

Last Updated: 9/25/24

## Overview

Currently, Alaska Airlines partner websites allow Guests to login to alaskaair.com via PingFederate SSO.

Alaska Airlines will be migrating partners from PingFederate to Okta (or Auth0) for SSO which will require Partners to make configuration updates on their end.

## Scope of Work

Assumption: Alaska Airlines will be moving forward to Auth0 platform as the underlying Identity platform:

* Alaska Airlines Partners
  + Please forward the sample OIDC or [SAML](https://alaska-poc.cic-demo-platform.auth0app.com/samlp/metadata/DPHf8btcMeuYWFVSWnZIh0Q41gryQmQG) metadata from the below sections to your developer or integration team to determine level of effort for the Partner to update SSO configuration from Ping to Auth0.
  + For new partners, sample POC can be provided.
* Alaska Airlines (for each Partner)
  + Create the Partner application in our Identity provider (Auth0)
    - Configure Partner’s SAML ACS url (or OIDC redirect url)
  + Send Alaska’s SSO login url with client id to Partner so that they can begin integration testing against our TEST environment
  + Additional work may be needed to migrate SSO business logic which is tightly coupled with Ping to return additional Guest’s Identity data points

## Authentication Options

There are two options for integrating with Alaska Airlines Identity:

* OIDC
* SAML

Prior configuration provided for PingFederate will no longer function after 12/31/2024.

### OAuth2

OAuth2 (Open Authorization) is designed for authorization and delegation, allowing apps limited access to user data without sharing passwords.

#### Configuration

Each Partner will receive the following:

1. Client Id
2. Client Secret (Optional)
3. OIDC configuration:  
   <https://alaska-poc.cic-demo-platform.auth0app.com/.well-known/openid-configuration>

If you have an existing OAuth2 implementation, the values above will replace any existing configuration values. Code changes will not be needed unless you have hard-coded the above configuration values.

#### Claims

OAuth2 will return a JWT token with claims.

If there are custom claims that were provided by PingFederate, please work with Alaska Airlines to validate that you are receiving the expected claims.

### SAML

SAML (Security Assertion Markup Language) is primarily designed for authentication, identity federation, and single sign-on (SSO).

#### Configuration

SAML Metadata URL:  
<https://alaska-poc.cic-demo-platform.auth0app.com/samlp/metadata/DPHf8btcMeuYWFVSWnZIh0Q41gryQmQG>

#### SAML response

Alaska Airlines Identity will return an encoded SAML response to Partner’s ACS URL.

Confirm whether SAML response needs to be encrypted via Partner public key / certificate.

If there are custom claims that were provided by PingFederate, please work with Alaska Airlines to validate that you are receiving the expected claims.

## Sample Application

Github repo:   
<https://github.com/Alaska-ECommerce/Partner-Sample-Identity-App>

We have created a sample application that will demonstrate authentication using either OAuth2 or SAML.

The sample application is written mostly in HTML and JavaScript, with one endpoint for SAML written in .NET C#. Partners can run this sample app using Visual Studio.

See README.md to run the application.

## Timeline

9/27/24 – Auth0 provisions TEST environment for AS

10/7/24 – Alaska Airlines creates applications in TEST environment for each Partner and provides SSO login uri with client id to Partner

10/11/24 – Partner communicates with Neha on ETA for when they will be able to update TEST configuration from PingFederate to Alaska Airlines Identity and to begin end to end integration testing in their TEST environment

* Partner updates SSO login url with Client Id
* Partner validates SAML response

**TBD QA environment**

10/18/24 – Alaska Airlines creates applications in PROD environment for each Partner and provides SSO login uri with client id to Partner

10/25/24 - Partner communicates with Neha on ETA for when they will be able to update PROD configuration from PingFederate to Alaska Airlines Identity and to begin end to end integration testing in their PROD environment

Mid-November – Partner GO LIVE with “end to end” integration / migration from Ping to Auth0 against PROD environment

## Risks

Some Partners do not have a PROD vs TEST/QA environment and may need to test their integration against Prod.

## Integration Support

If Partner requires integration support, please email:   
[itnjj-access.management@alaskaair.com](mailto:itnjj-access.management@alaskaair.com)