

Forge Authorizer Guide

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What is Forge Authorizer?

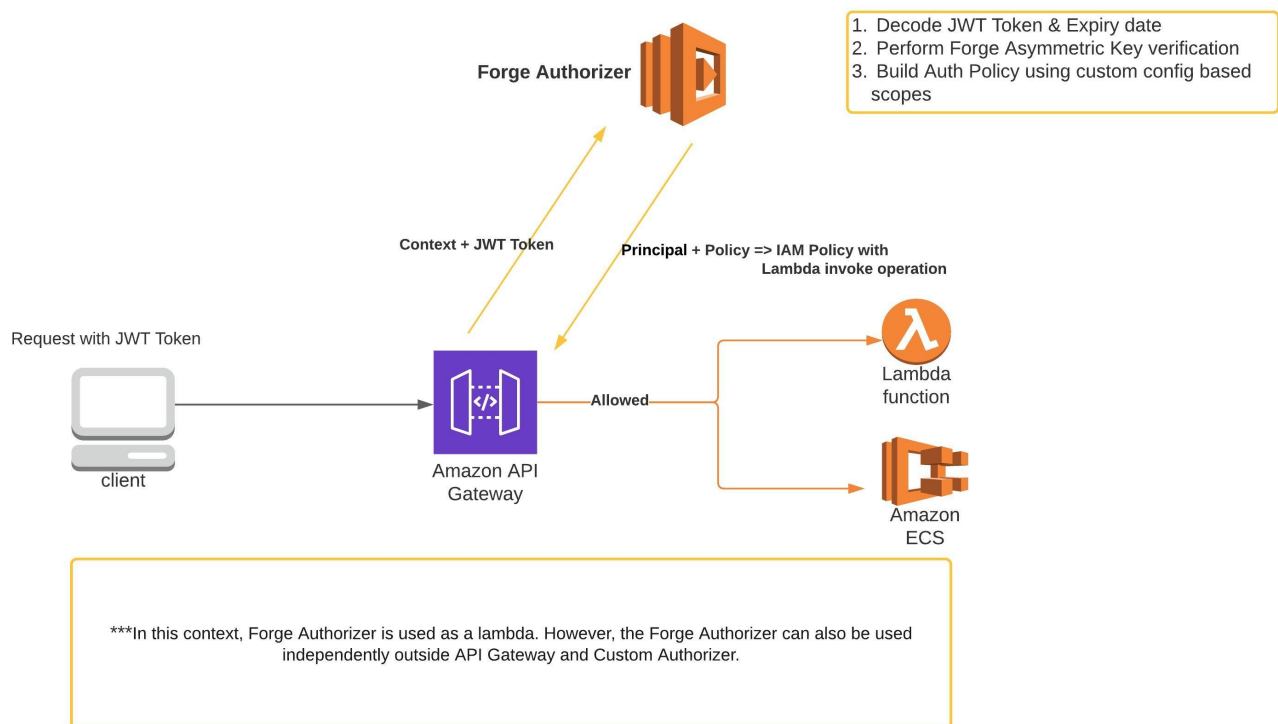
Forge Authorizer is a plugin that provides authentication and authorization for Forge clients: <https://git.autodesk.com/dpe/serverless-forge-auth> (and [Example](#)). The plugin provides a way to validate Forge OAuth tokens.

Developed internally by John Scattergood, Forge Authorizer is intended as an alternative to [Amazon Cognito](#), which many teams currently use to provide authentication and authorization for serverless implementations. Forge Authorizer can be used either as a Lambda Authorizer or standalone.

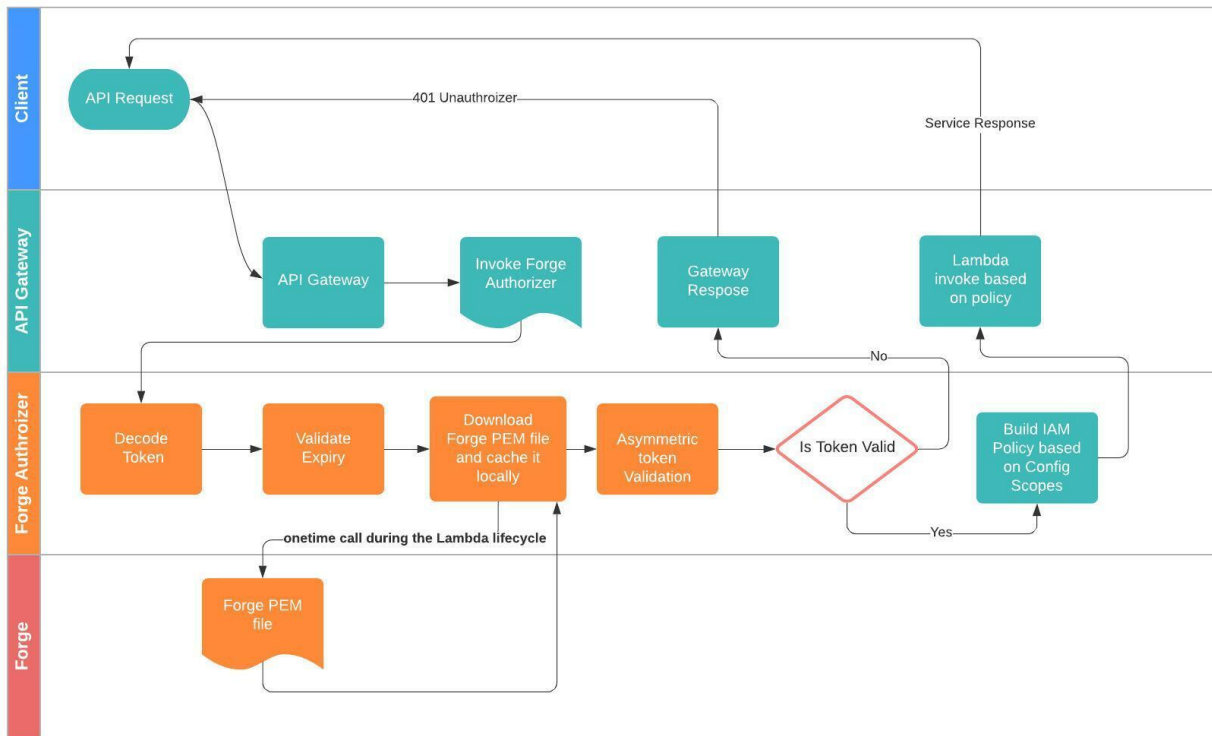
Why use Forge Authorizer?

Forge Authorizer is preferable due to several issues with Amazon Cognito, including availability and DR failover limitations related to cross-region setup. Moreover, Forge Authorizer provides a standard platform for authentication and authorization across Autodesk.

Forge Authorizer Architecture and Process Flow



Forge Authorizer



Using Forge Authorizer

For details on getting started with Forge Authorizer, see the [README](#). That documentation includes information on how to configure the Authorizer (for both serverless and standalone use cases). There is also an [Example](#) repo.

In most cases, it is necessary to create a Forge app to integrate with a service that uses a forge authorizer. Forge apps are how you create credentials. You use the OAuth endpoints to get tokens. These tokens are presented to our Forge Authorizer. If you are working on behalf of an end-user, then an app is not required, because the token comes from the user sign-in process. See this [documentation on how to create a Forge application](#), as well as the [Forge OAuth2 API documentation](#).

Note that this plugin can be used in conjunction with Apigee, though for long-term compatibility, we encourage shifting over to AWS API Gateway.

Support

If you need assistance, [#dpe-forge-token-validation](#) is the place to go.

Q&A Session recording [link](#) with John and Satish (passcode: XXXXXXXXXX).