

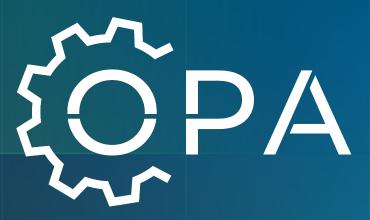
OPA on AWS Serverless Applications

FSI PACE

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Orchestrate Platform and Applications

Agenda

What is Serverless Architecture?

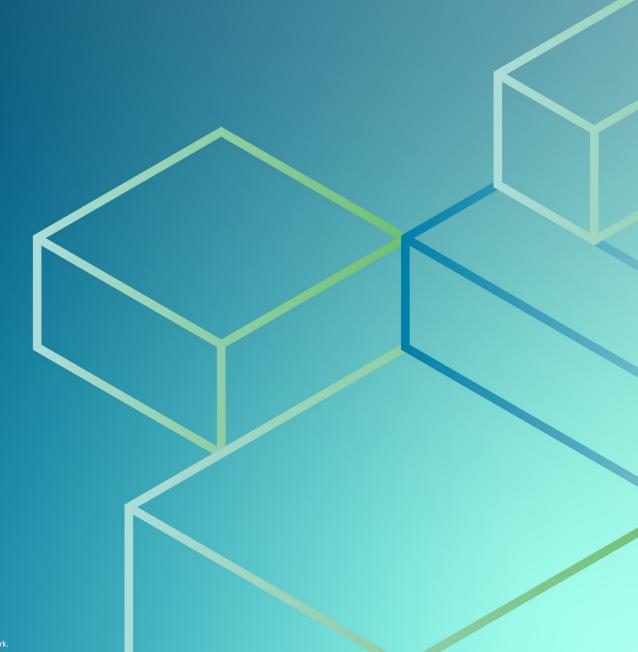
What you can do with Serverless

Demo - Creating a Serverless REST API with OPA

How OPA Helps



What is Serverless?





Serverless Defined

- 1. An architecture where AWS manages servers, so you don't have to
- 2. Automatic scaling
- 3. Pay only for what you use
- 4. Simpler deployments
- 5. Faster time to market



Serverless Examples

Websites

Event-Driven and Messaging Systems

Data processing and workflow orchestrations

RESTful and GraphQL APIs

Data storage

https://aws.amazon.com/serverless/



OPA Serverless Demo





Scripts VS Developer Portals



Reusable Script Pitfalls



I've created a great new reusable script. Now my teammates can all use this to solve problem XYZ!



Script Consumers



I think there's a script out there to scaffold a new app but I'm not sure where it is.



I think its on the wiki.



Where on the wiki?



I don't know. I can never find what I'm looking for on that thing.



Script Consumers 2



I have the script! I used it 6 months ago. Here you go.



Thanks! Now I just need to figure out what parameter values to pass in.

An hour later...



Okay, I think I've got it. Let's run this thing!

Proceeds to run an outdated version of the script that no longer works



Developer Portals > Scripts

Single place for reusable assets

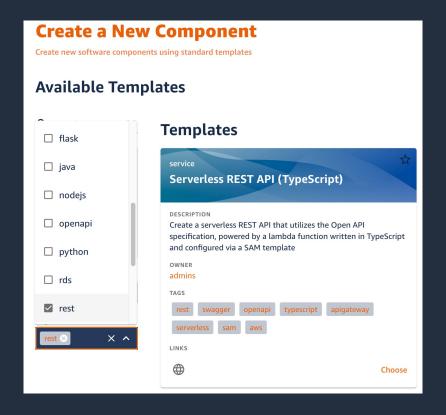
Assets are always up to date

Assets are wizard-driven



OPA Benefits Recap

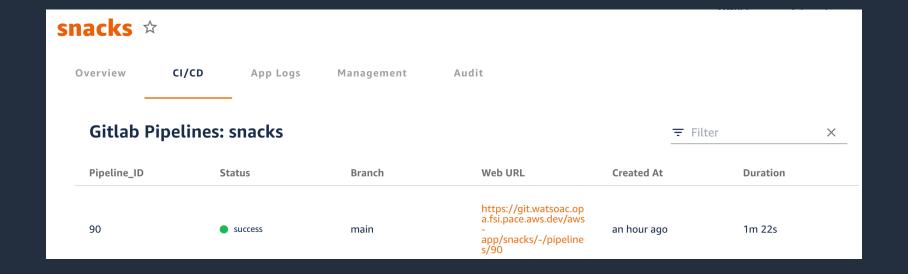
No searching for reusable assets





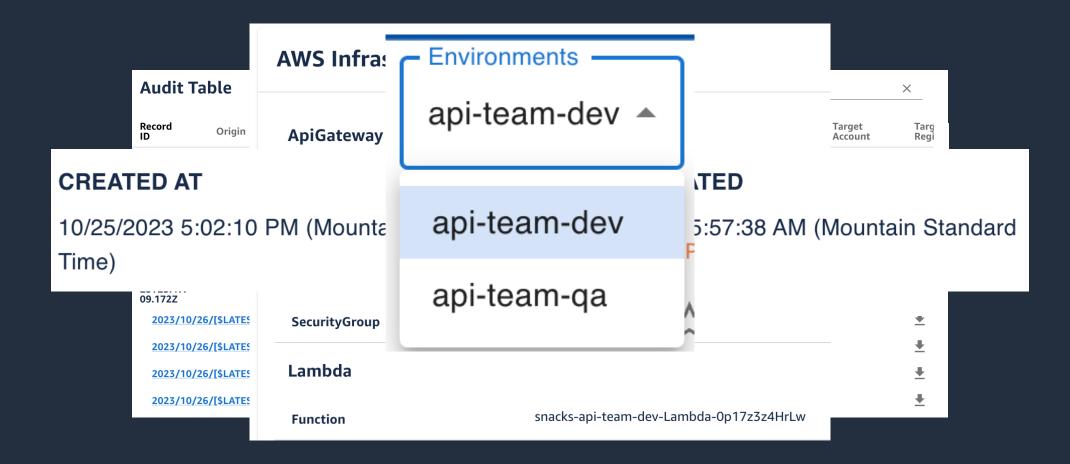
OPA Benefits Recap

CICD out of the box





OPA Benefits Recap







Thank you!



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