Extensions

JavaScript Callout
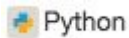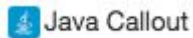
JavaScript

- Executes custom Javascript code

- Can access flow variables

- Wrap code in try-catch block

- Include third-party libraries

- Typical use cases include: Error handling, cryptography or target server url rewriting

Python Callout

Python

- Execute Python code via Jython

- Can access flow variables

- Include third-party libraries

- Interpreted at runtime

- Consider JavaScript:

  - parsing JSON payloads

  - error handling

  - manipulating flow variables

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Java Callout

Java Callout

- Execute Java code

- Compiled into a jar

- Access flow variables

- Include third-party libraries

- If performance critical, then use Java

- Only available on paid or on-prem orgs

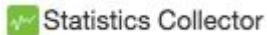**apigee**

Service Callout

Service Callout

- Calls can be made to an external or internal service

- create a new request for this policy using the AssignMessage policy

- Extract the response with the "ExtractVariables" policy
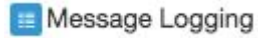
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Flow Callout

Flow Callout

- Calls out to a shared flow

- The shared flow should be deployed

- Shared flows can call other shared flows

- Implement DRY principle

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Statistics Collector

 Statistics Collector

- Collect statistics based on data in the message

- Data will appear in custom analytics reports

- Only one policy can be included on a request flow

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Message Logging

Message Logging

- Syslog messages
- For onprem, the policy can be configured to log custom messages to the local file system
- Include within the Post Client Flow.

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Thank You

Google Cloud