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Logging

Google Cloud

Edge Logging Services

- Debug and troubleshoot errors

- Log custom messages

- Options
  - Syslog
  - Syslog (over TLS)
  - File Rotation - time, size, both
    - (on-premise customers)

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Message Logging Policy

```xml
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>

<MessageLogging async="false" continueOnError="false"
enabled="true" name="Message-Logging-1">

    <DisplayName>Message Logging-1</DisplayName>

    <Syslog>

        <Message>Message.id = {request.header.id}</Message>

        <Host>IP</Host>

        <Port>556</Port>

    </Syslog>

</MessageLogging>
```

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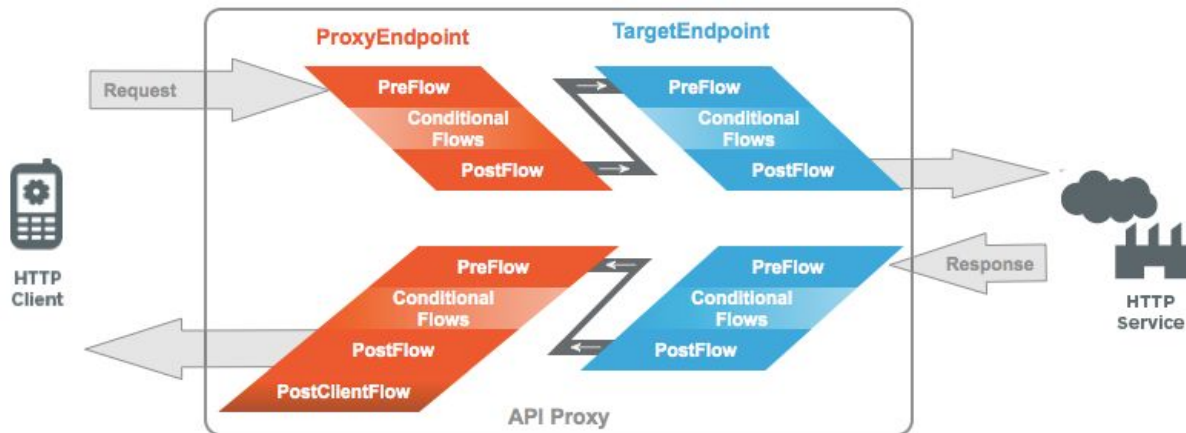# Message Logging Policy

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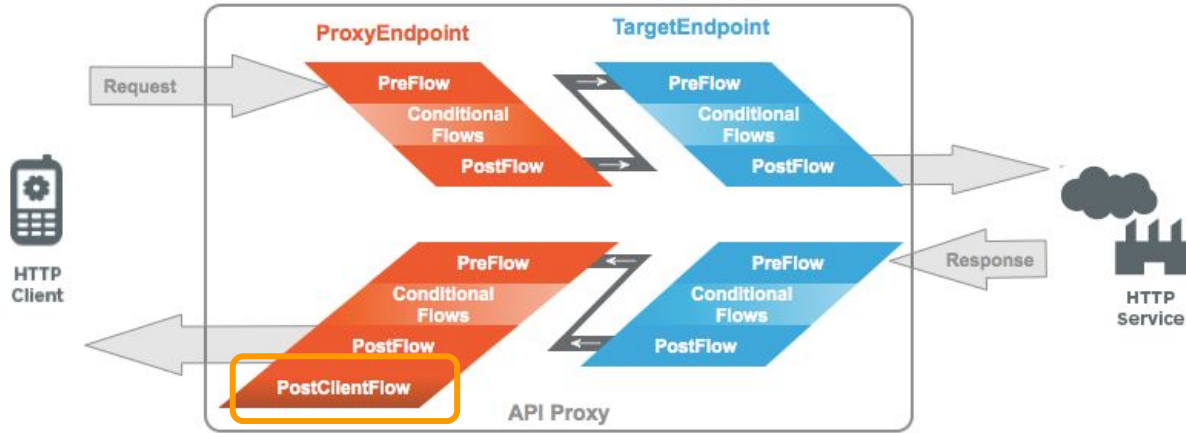
Edge Logging Services


```
<ProxyEndpoint name="default">
    <PreFlow>
        <Request/>
        <Response/>
    </PreFlow>
    <Flows>
        <Flow name="flow1">
            <Condition/>
            <Request/>
            <Response/>
    </Flows>
    <PostFlow>
        <Request/>
        <Response/>
    </PostFlow>
    <PostClientFlow/>
    ...
</ProxyEndpoint>
```

```
<TargetEndpoint name="default">
    <PreFlow>
        <Request/>
        <Response/>
    </PreFlow>
    <Flows>
        <Flow name="flow2">
            <Condition/>
            <Request/>
            <Response/>
    </Flows>
    <PostFlow>
        <Request/>
        <Response/>
    </PostFlow>
    ...
</TargetEndpoint>
```

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Edge Logging Services

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Edge Logging Services

- Third-party service providers
  - i.e. Google Stackdriver
    - with JavaScript callout
- Implementations on Apigee community

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Thank You

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Edge Logging Services

```json
{
   "fault":{
      "detail":{

"errorcode":"steps.messagelogging.StepDefinitionExecutionFailed
"
      },
      "faultstring":"Execution failed"
   }
}
```

```xml
<FaultRule name="MessageLogging">
    <Step>
        <Name>ML-LogMessages</Name>
        <Condition>(fault.name Matches
"StepDefinitionExecutionFailed")             </Condition>
    </Step>
    <Condition>(messagelogging.ML-LogMessages.failed = true)
</Condition>
</FaultRule>
```

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