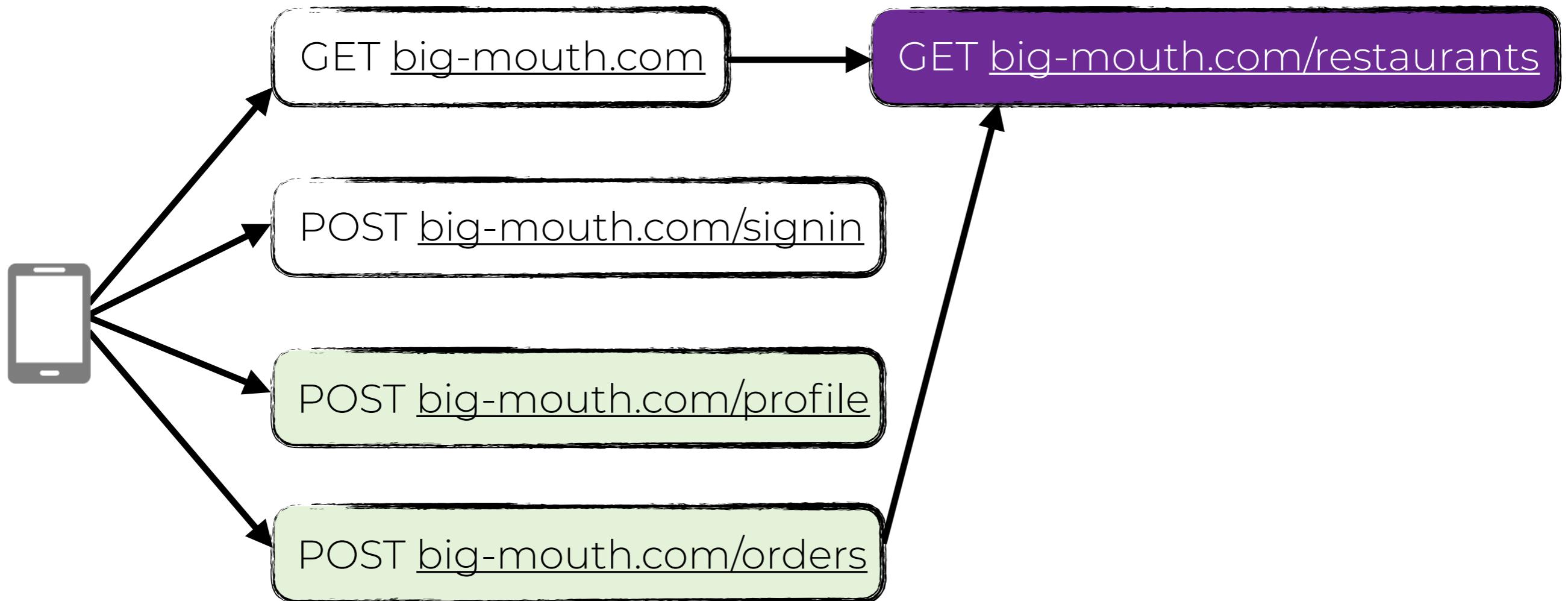


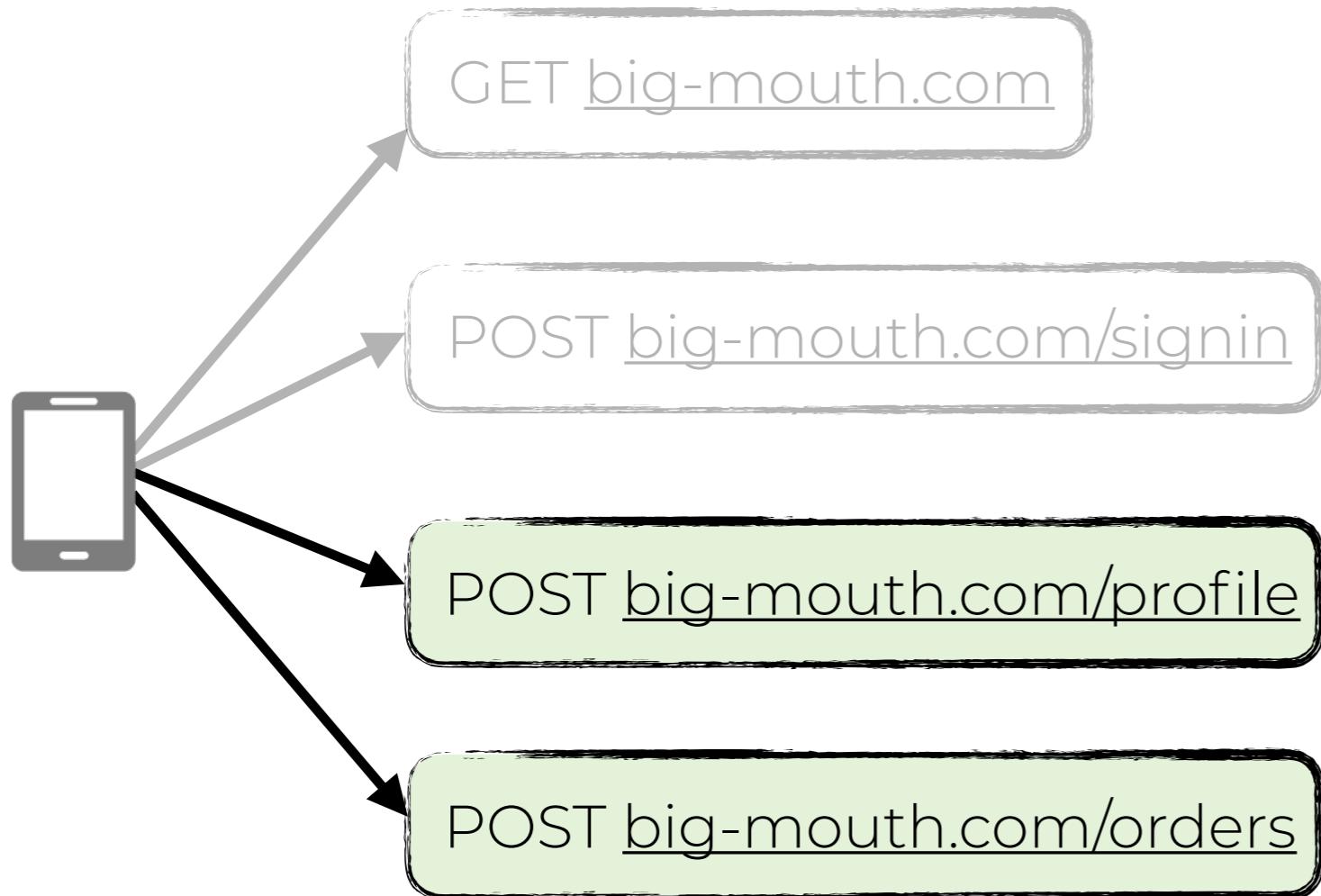
# API accessibility



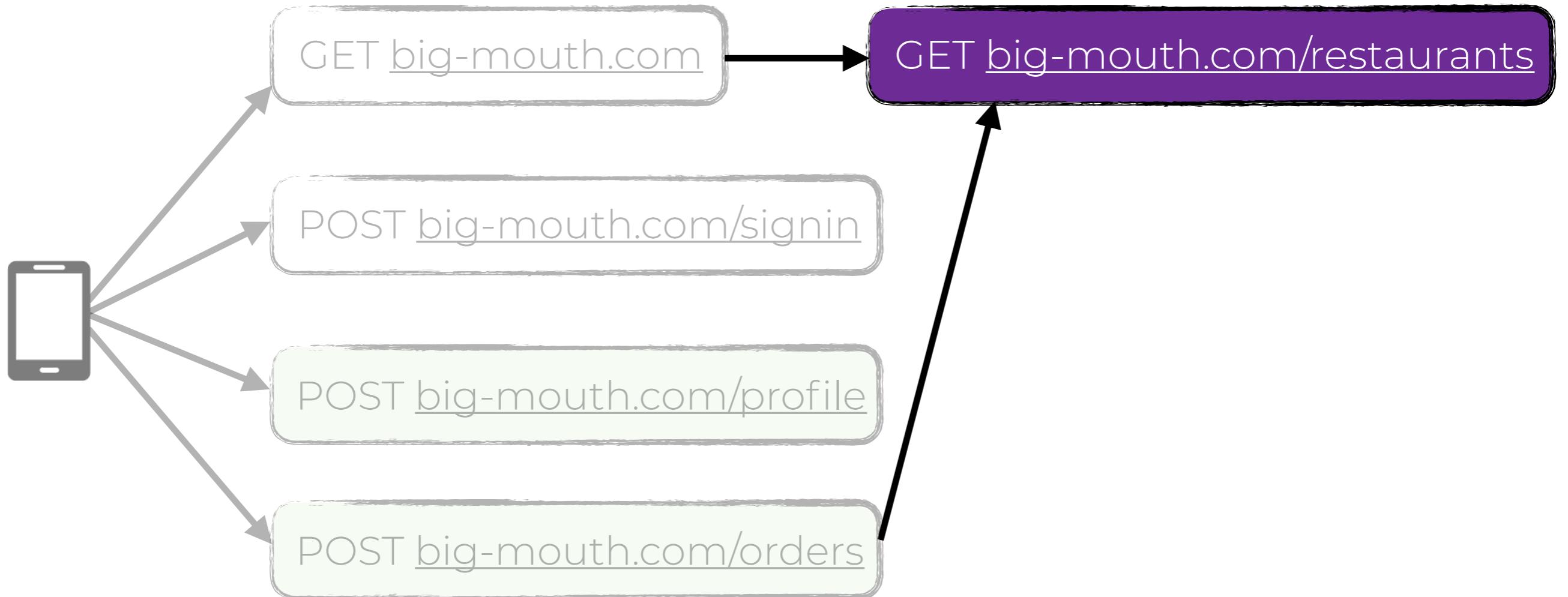
# API accessibility



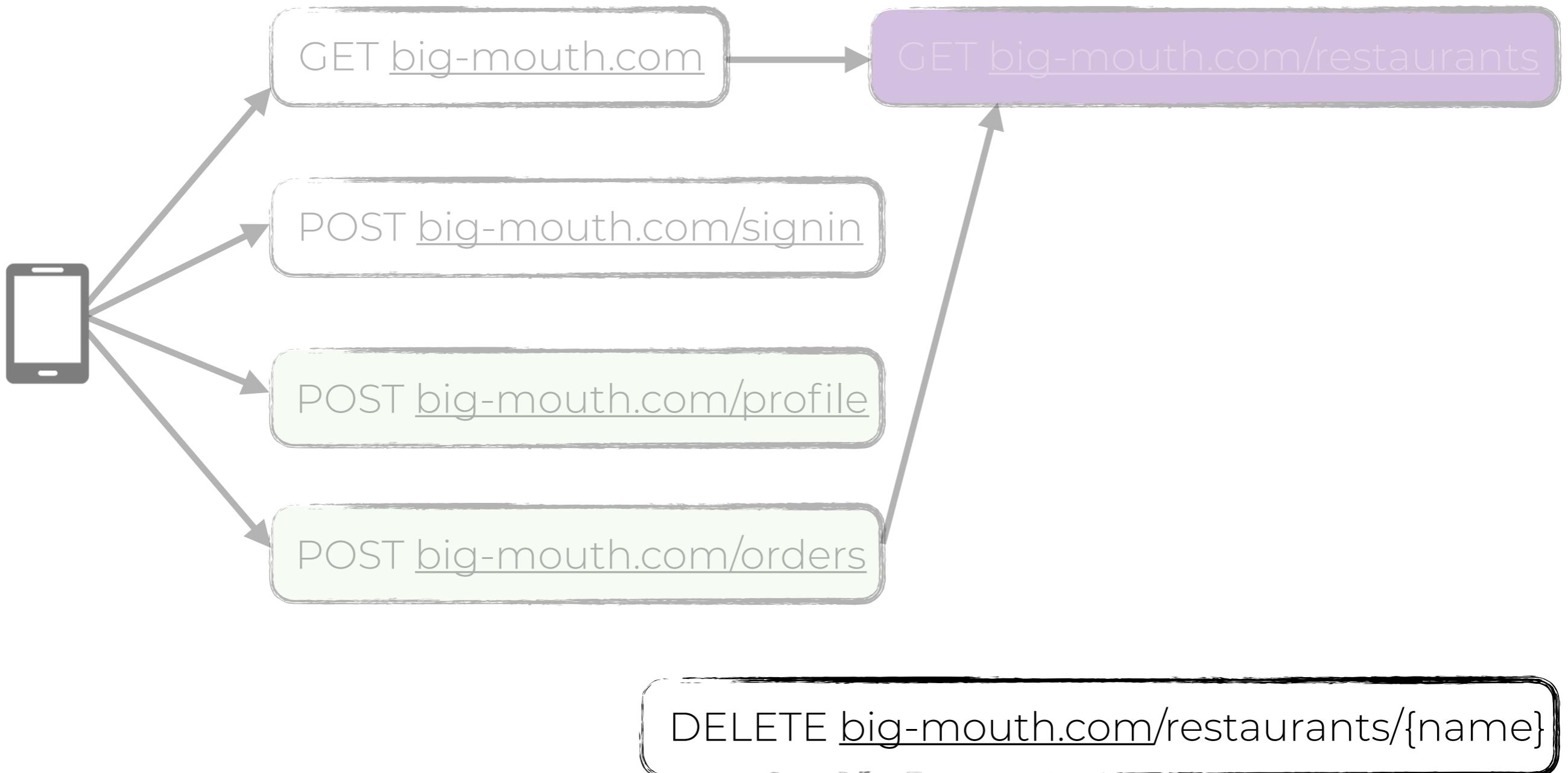
# API accessibility



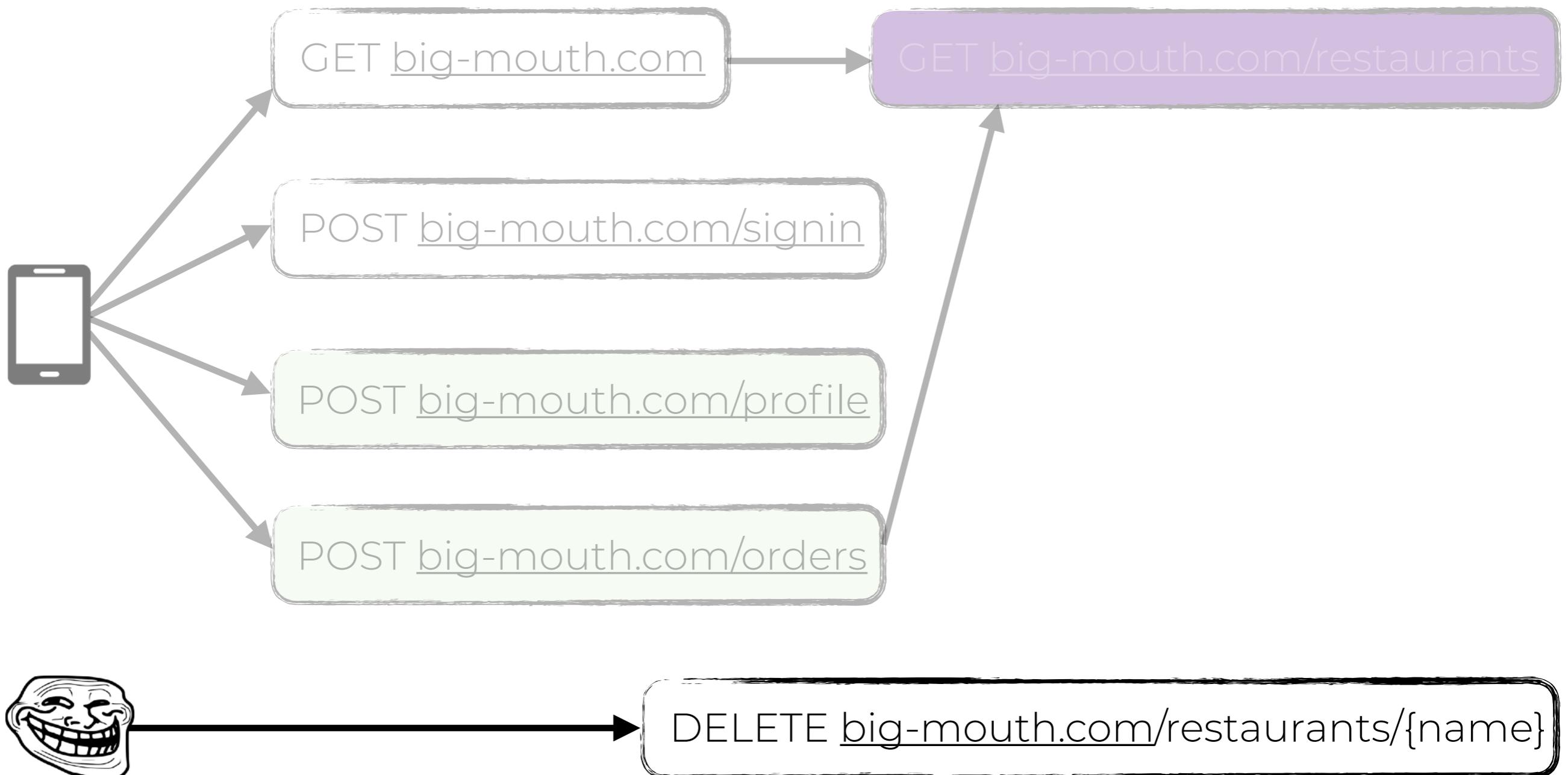
# API accessibility



# securing APIs



# securing APIs



api keys demo

# usage plans + API keys

- designed for rate limiting, not authentication & authorization

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- allow client to access selected APIs at agreed upon request rates and quotas

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- designed for rate limiting, not authentication & authorization
- allow client to access selected APIs at agreed upon request rates and quotas
- request rate and quota apply to all APIs and stages covered by the usage plan

# usage plans + API keys

usage plan: 10 requests/day

API	stage	req count
restaurant-api	production	2
restaurant-api	staging	4
user-api	production	2
user-api	staging	2
	total	10

no more requests allowed until daily  
quota reset at midnight!

AWS\_IAM demo

# AWS\_IAM

Resources Actions ▾ Method Execution /restaurants - GET - Method Request

Provide information about this method's authorization settings and the parameters it can receive.

Settings

Authorization ✓ NONE AWS\_IAM Request Validator NONE

API Key Required false

URL Query String Parameters

HTTP Request Headers

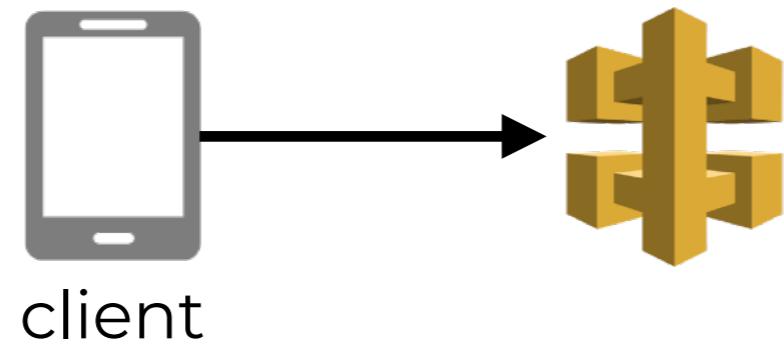
Request Body

SDK Settings

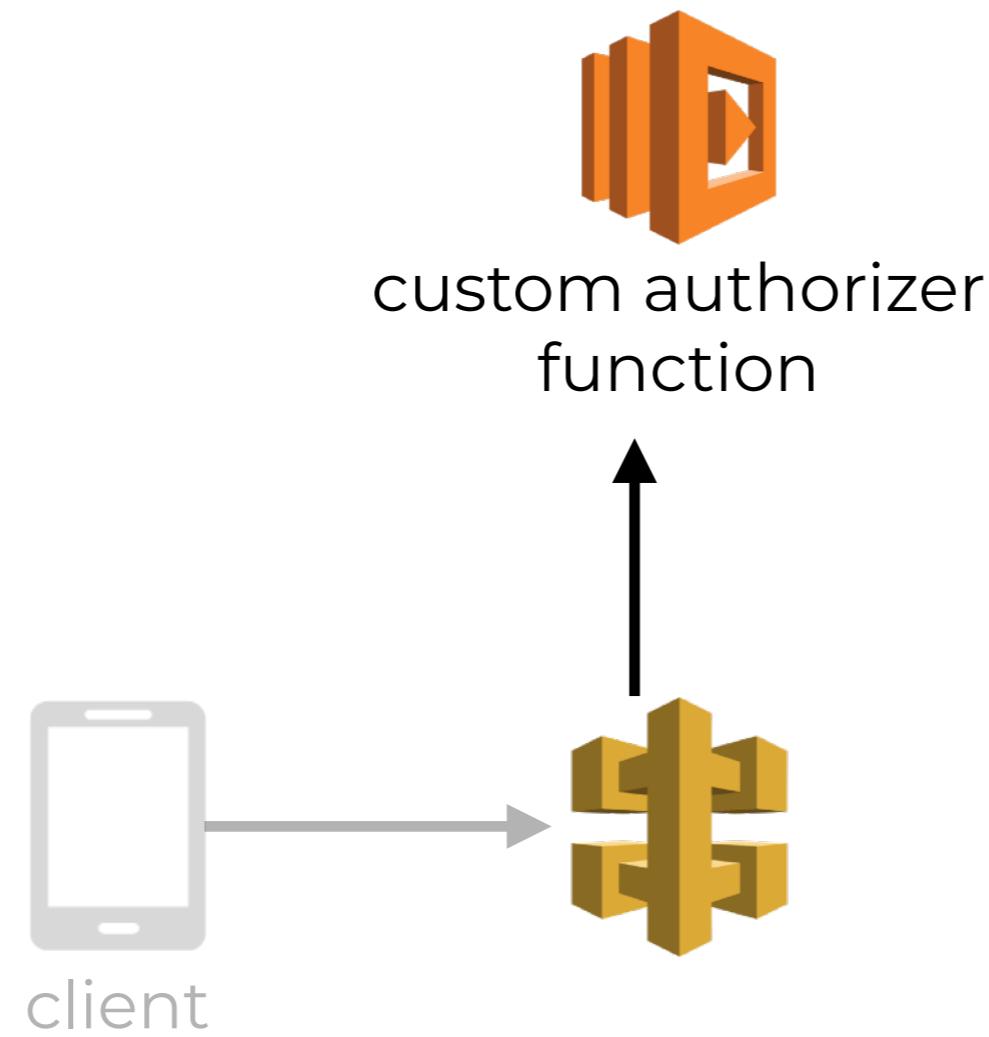
The screenshot displays the AWS API Gateway interface. On the left, a sidebar shows a hierarchy: a root node with a single child 'GET', which has a single child '/restaurants'. Under '/restaurants', there is another 'GET' entry. The '/restaurants' row is currently selected, indicated by a blue background. In the main content area, the path '/restaurants - GET - Method Request' is shown at the top. Below this, a note says 'Provide information about this method's authorization settings and the parameters it can receive.' A 'Settings' section follows, containing an 'Authorization' dropdown. This dropdown is circled in red and shows two options: 'NONE' (disabled) and 'AWS\_IAM' (selected). Other settings like 'Request Validator' are also visible. Further down, sections for 'URL Query String Parameters', 'HTTP Request Headers', 'Request Body', and 'SDK Settings' are listed with right-pointing arrows. At the bottom of the main content area, there is some small, illegible text.

custom authorizer demo

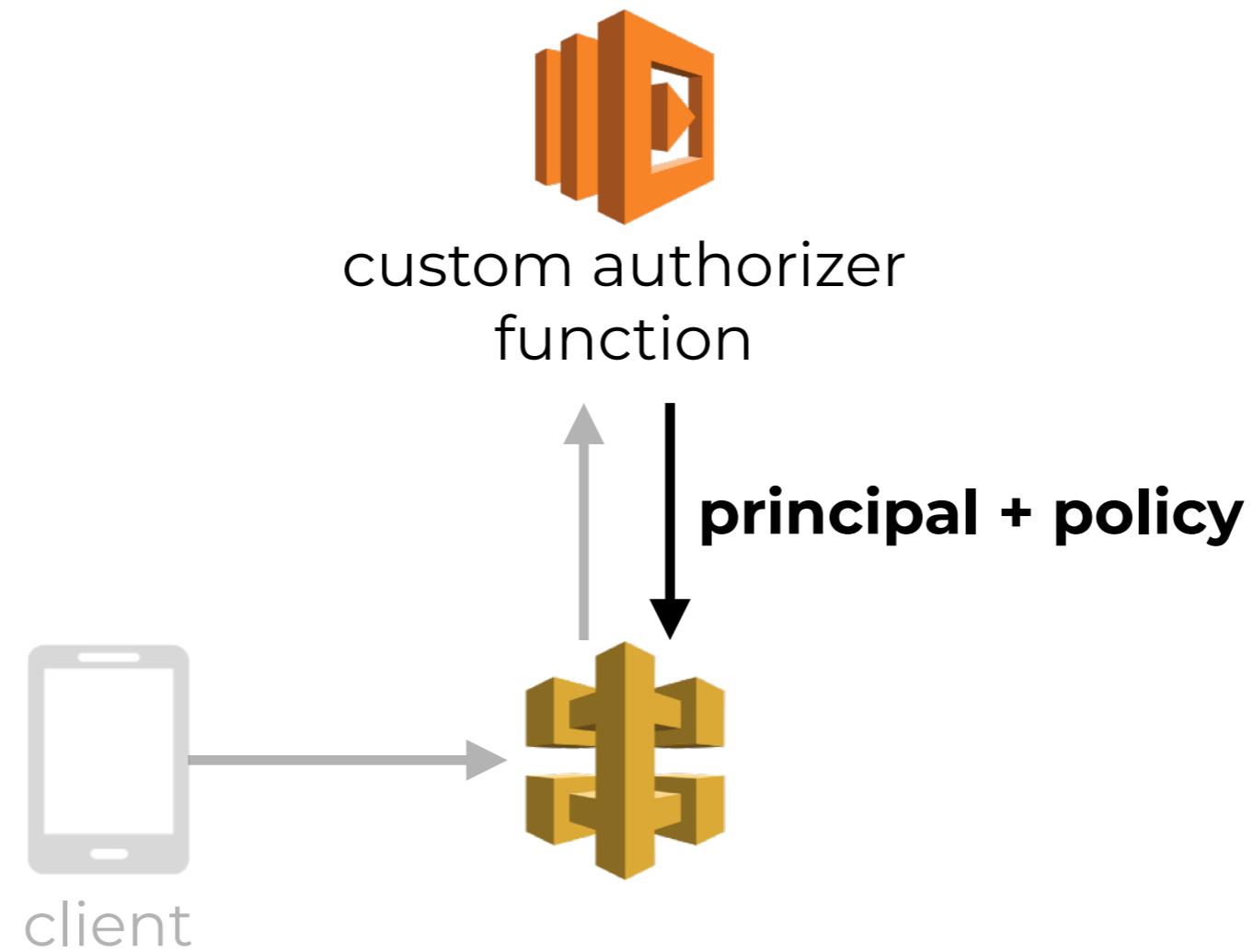
# custom authorizer function



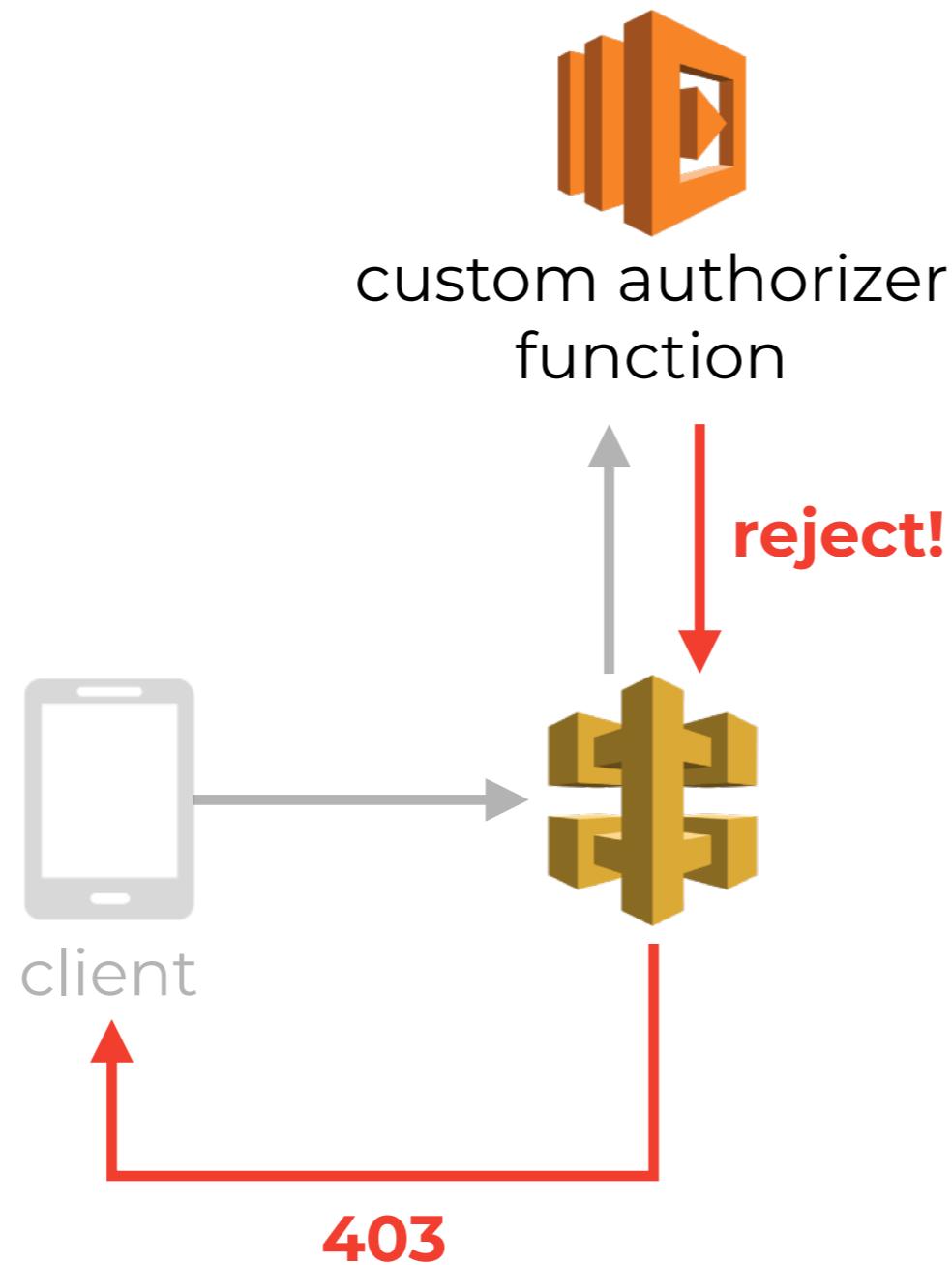
# custom authorizer function



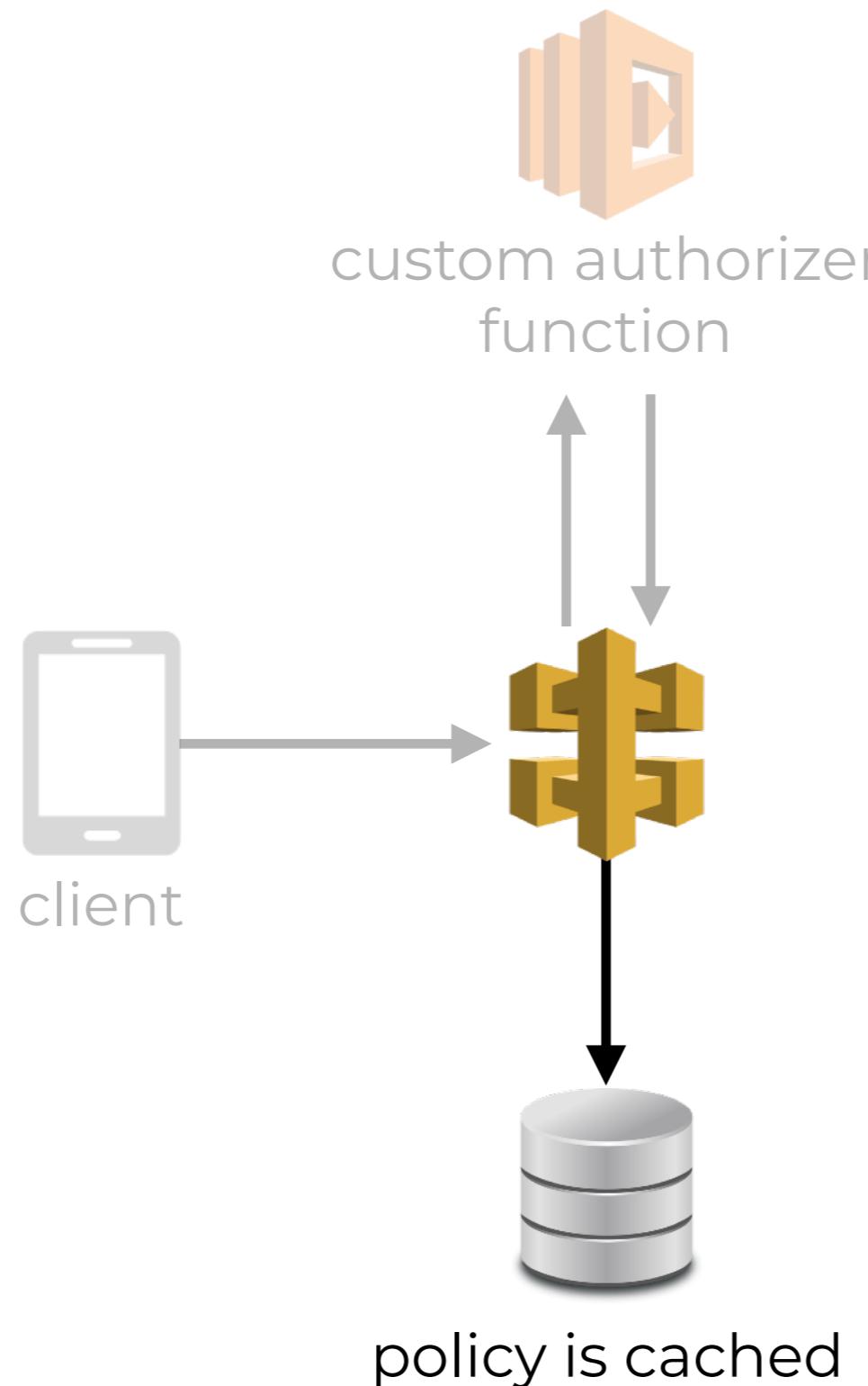
# custom authorizer function



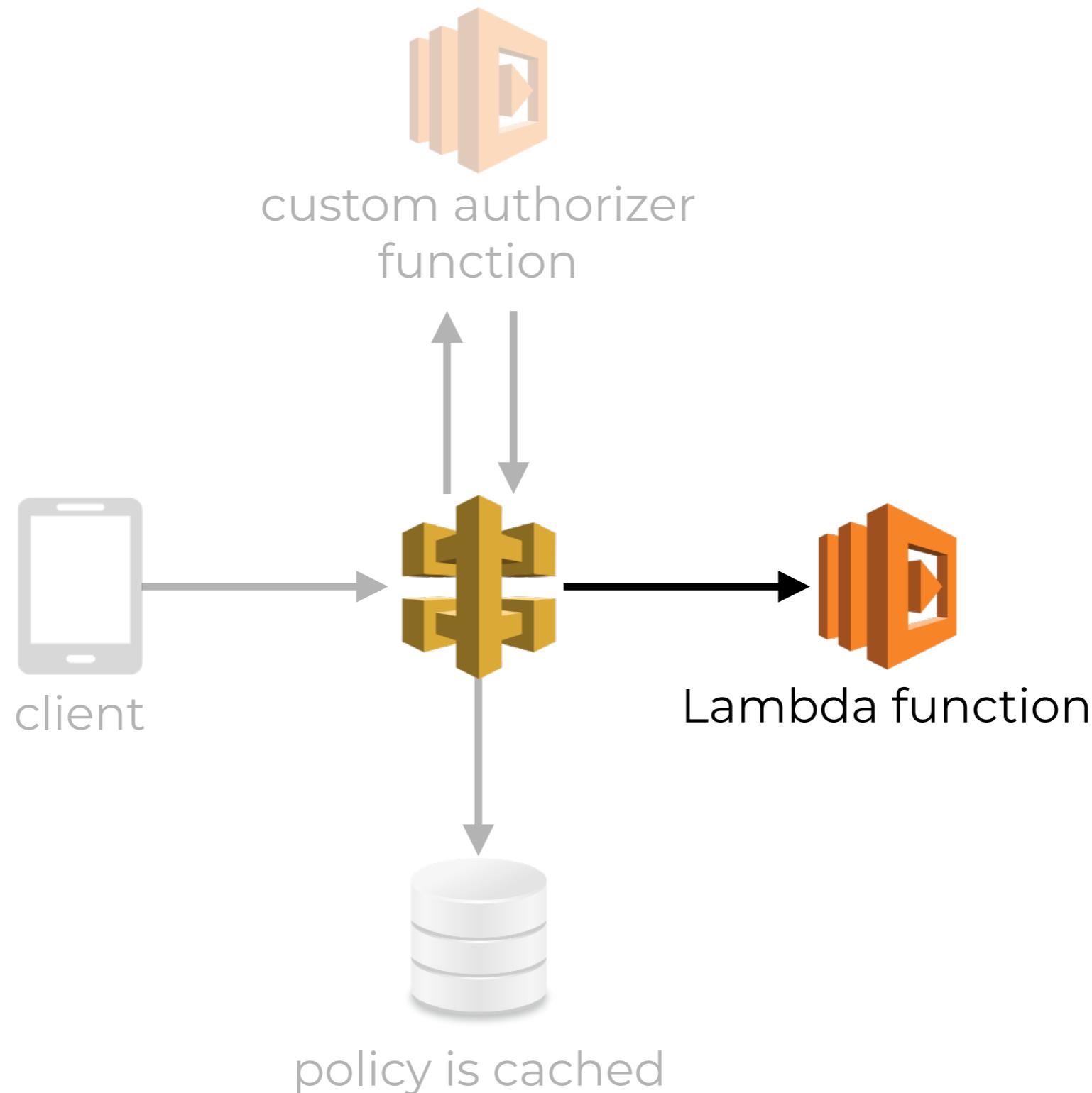
# custom authorizer function



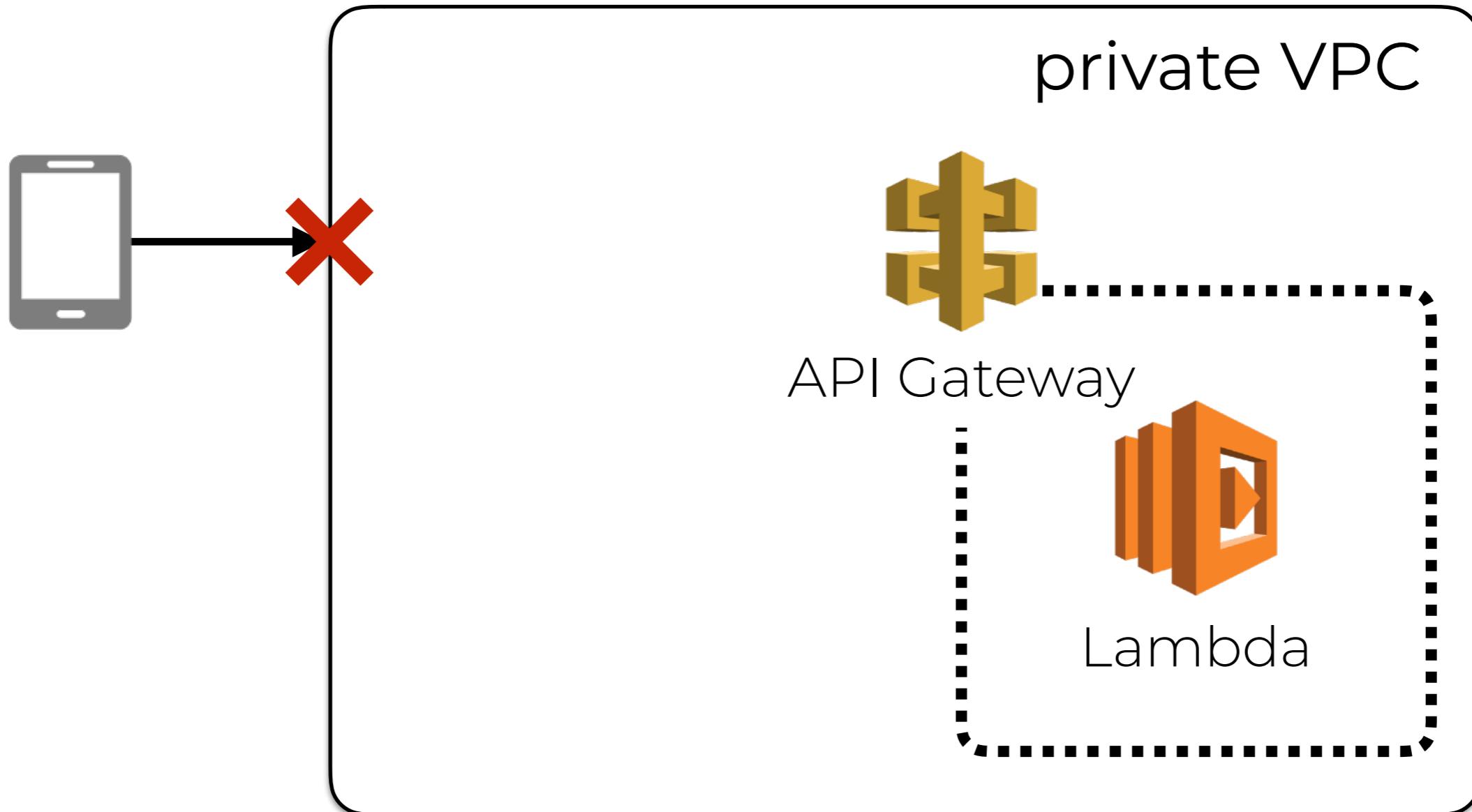
# custom authorizer function



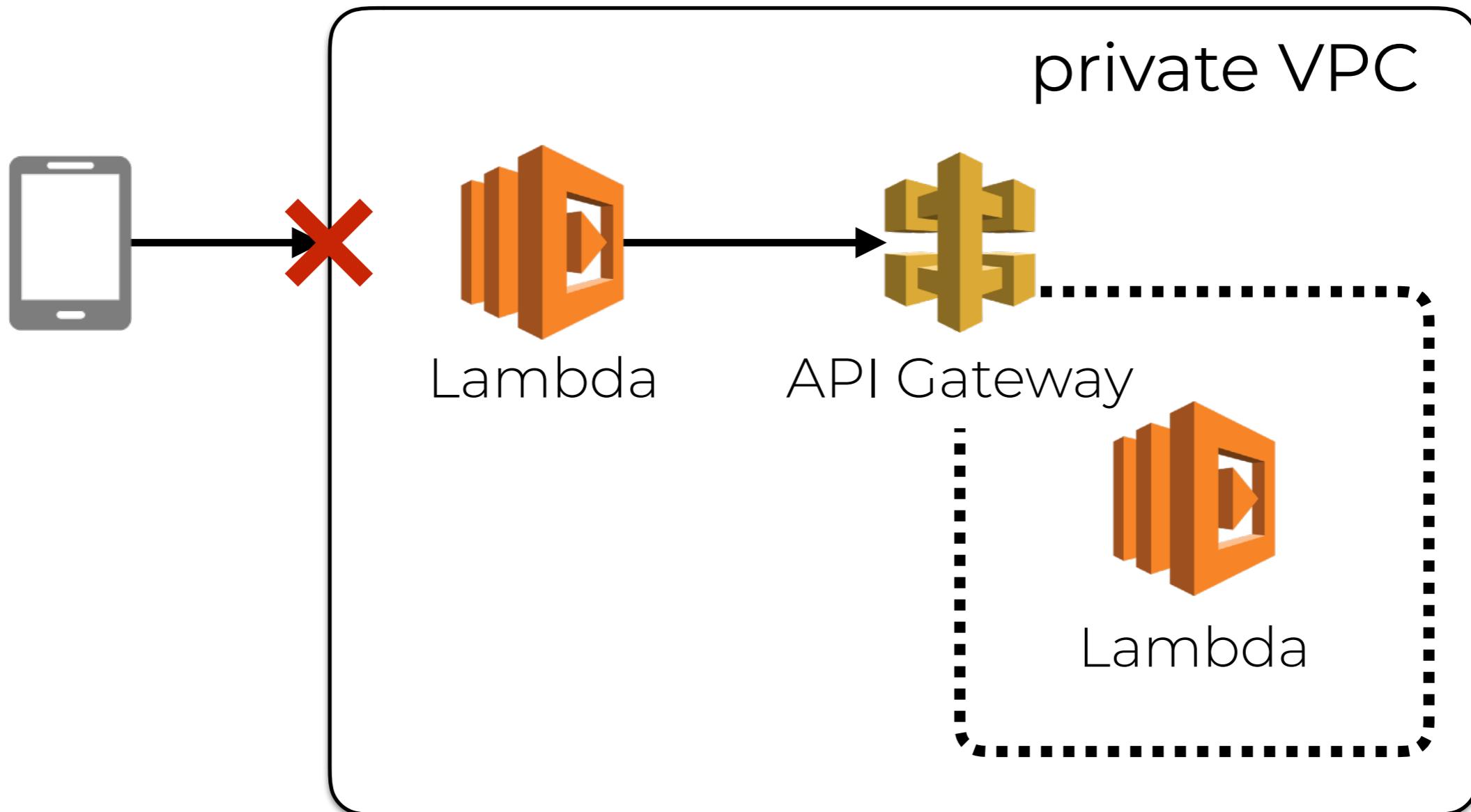
# custom authorizer function



# VPC

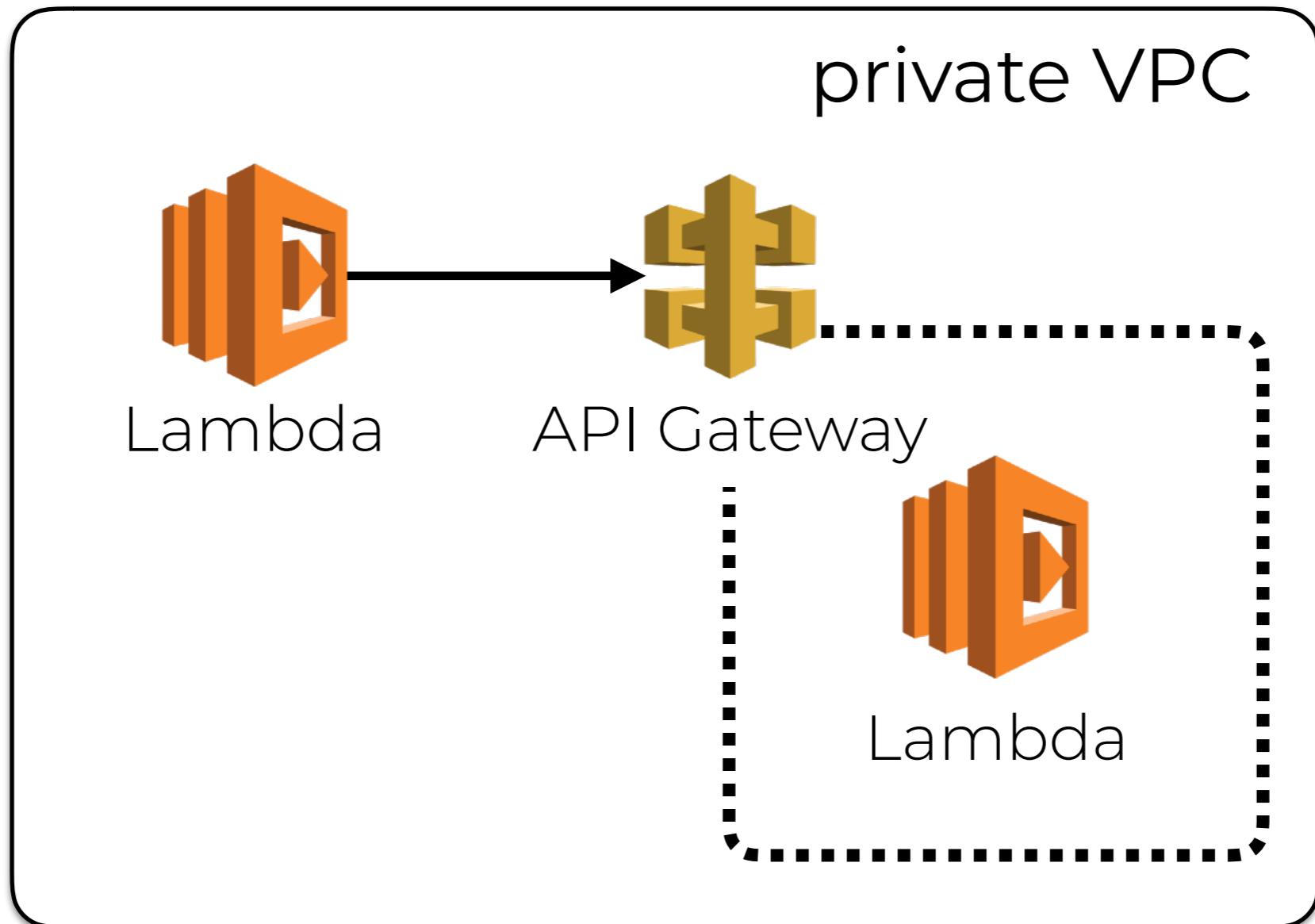


VPC

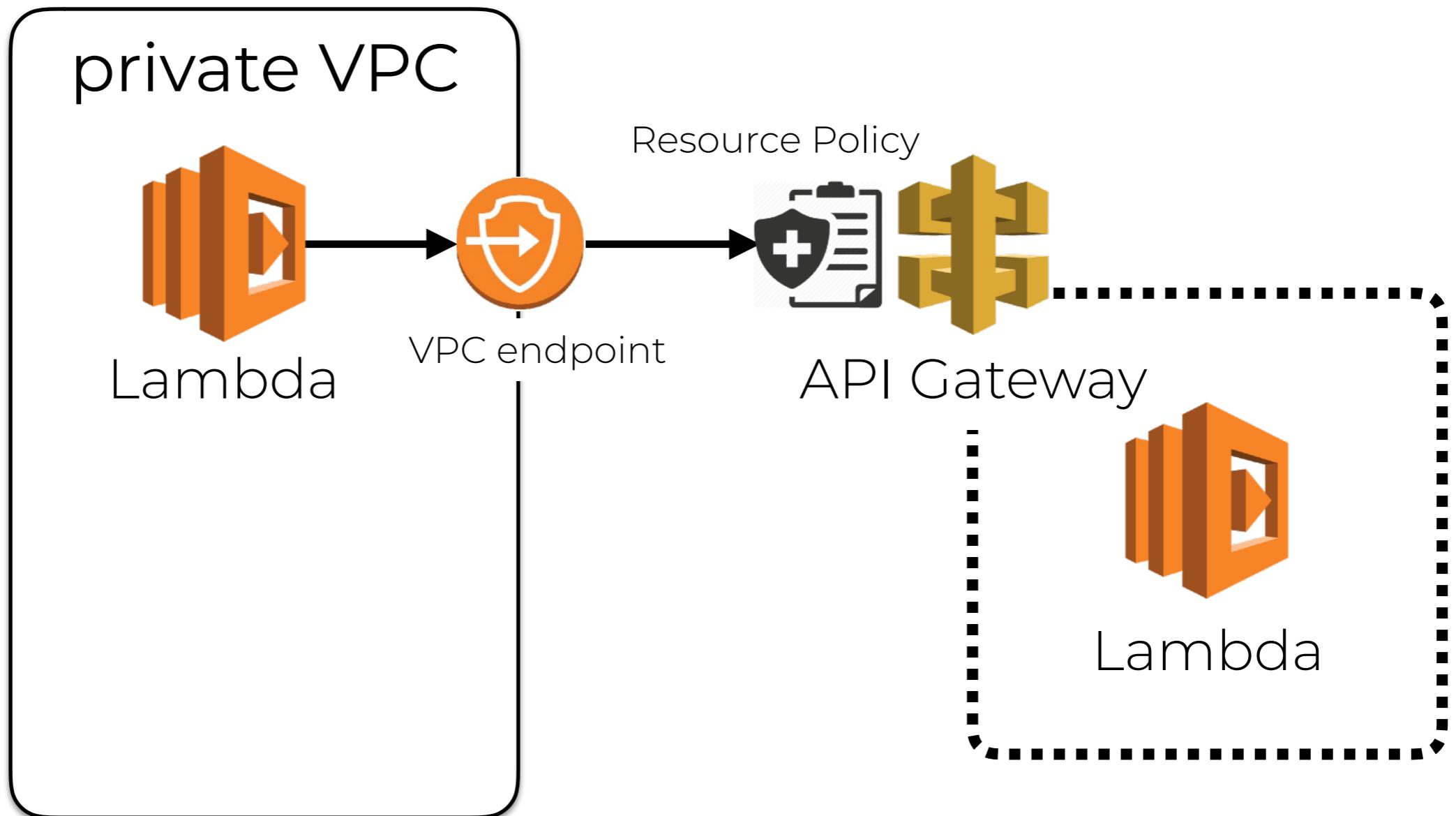


private endpoint demo

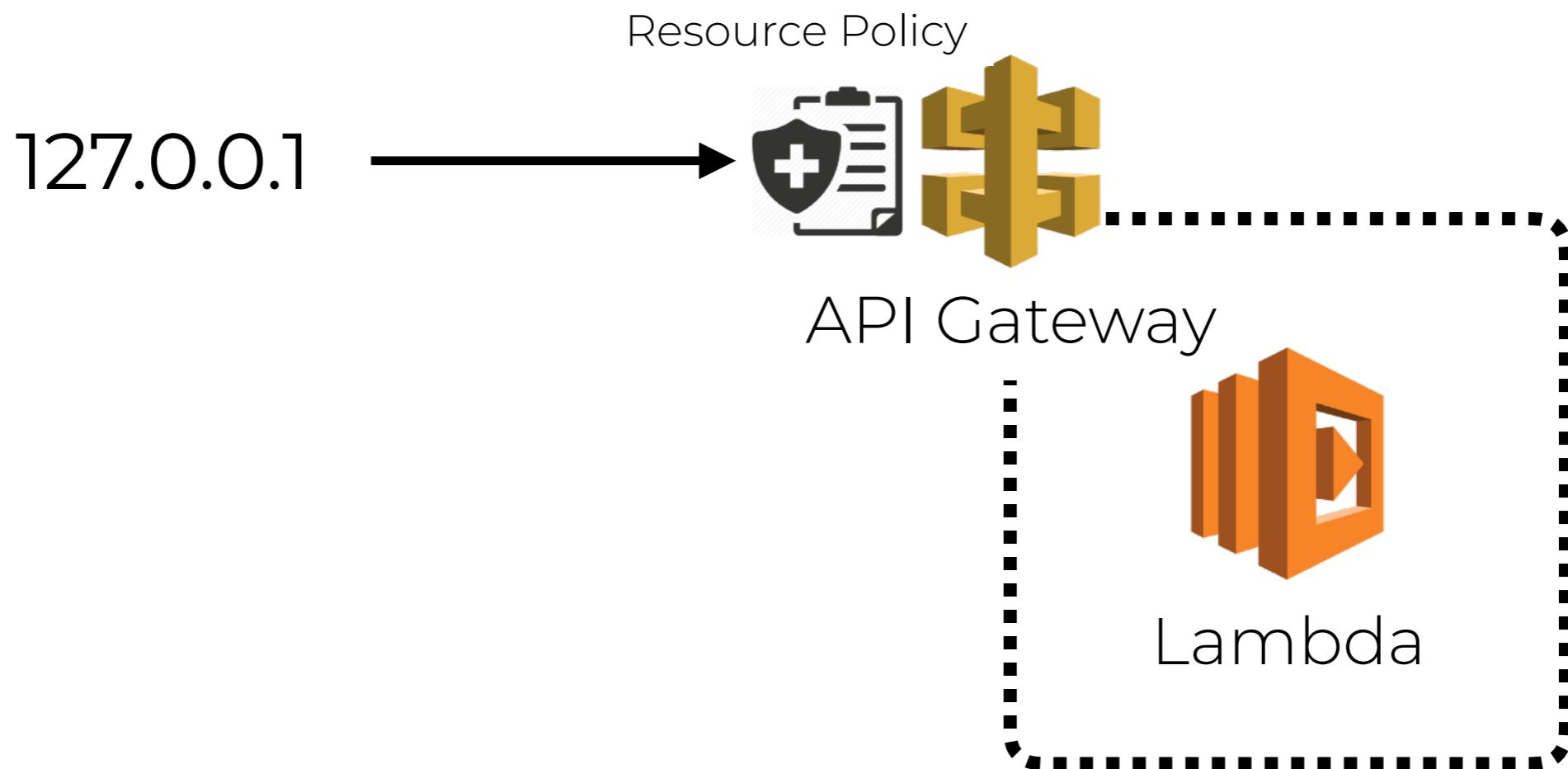
# VPC



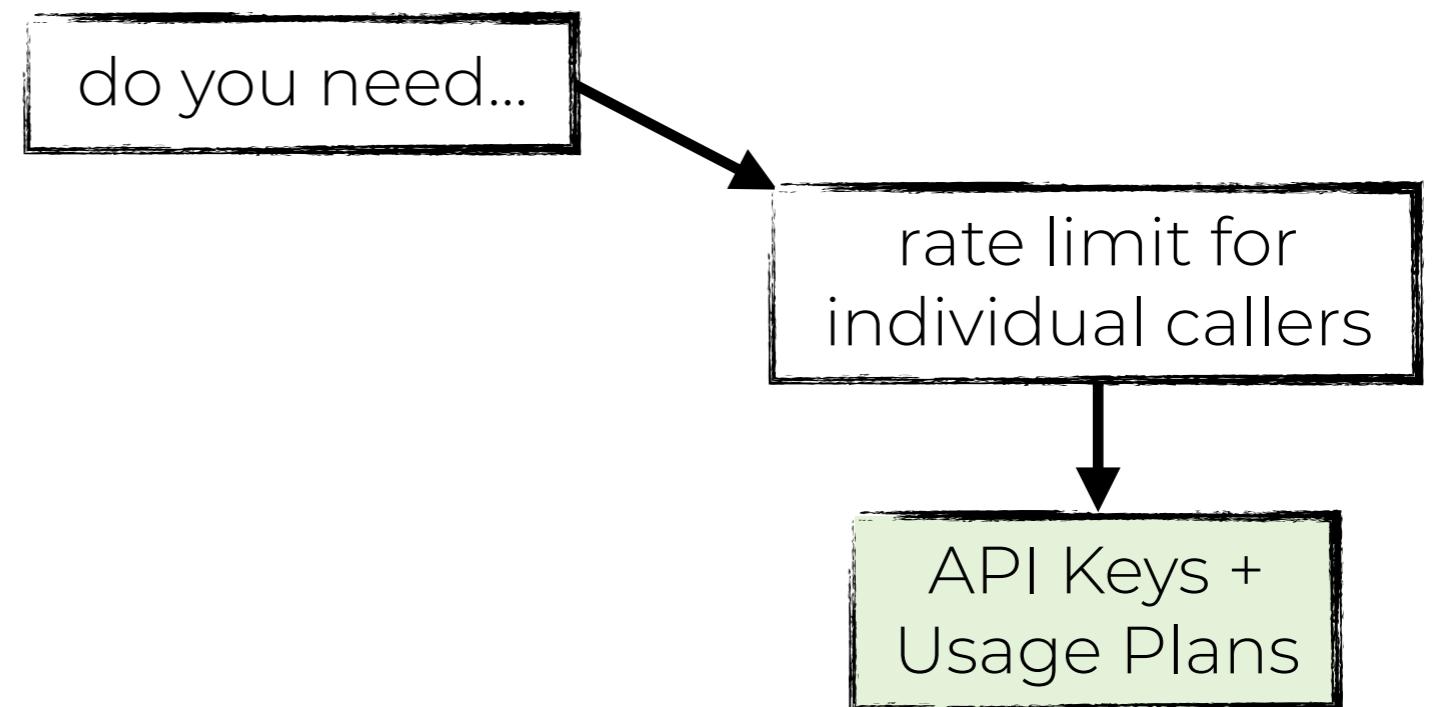
# VPC

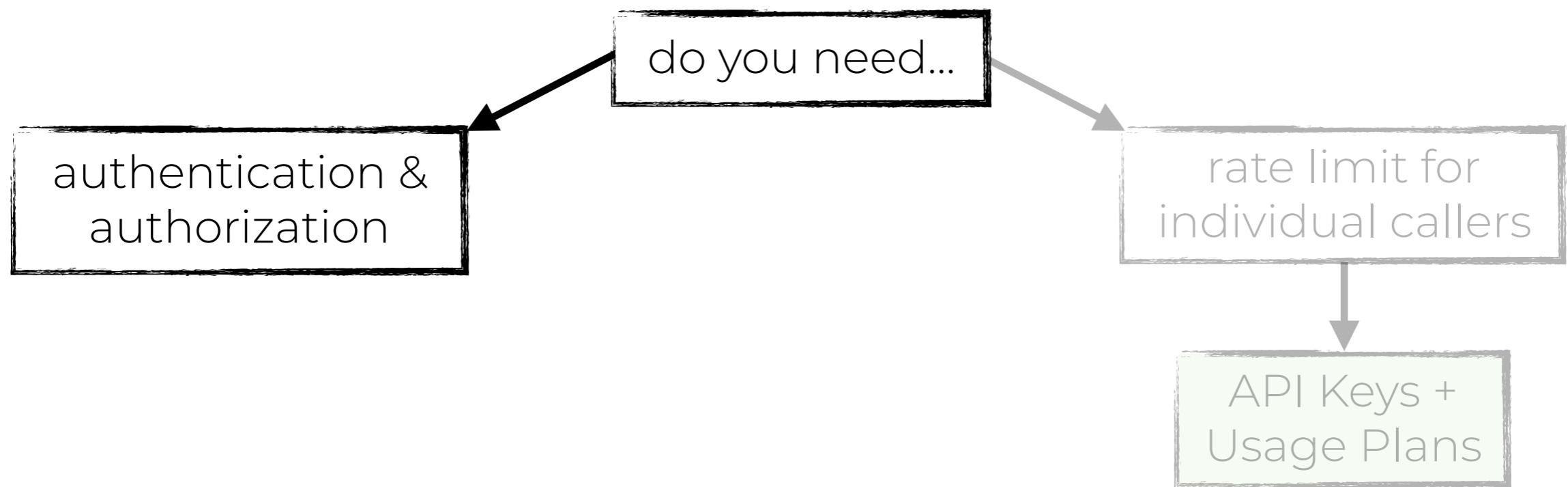


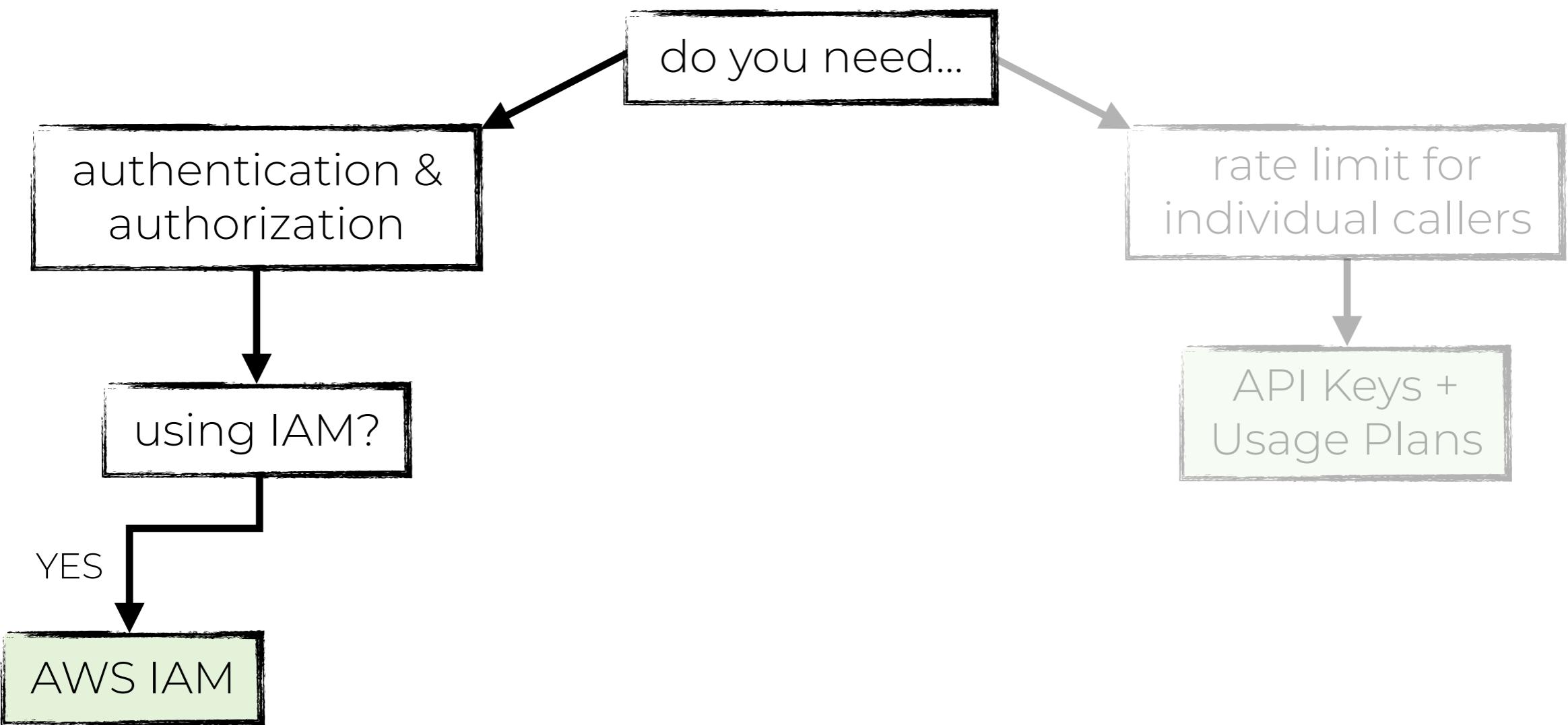
# IP Whitelisting

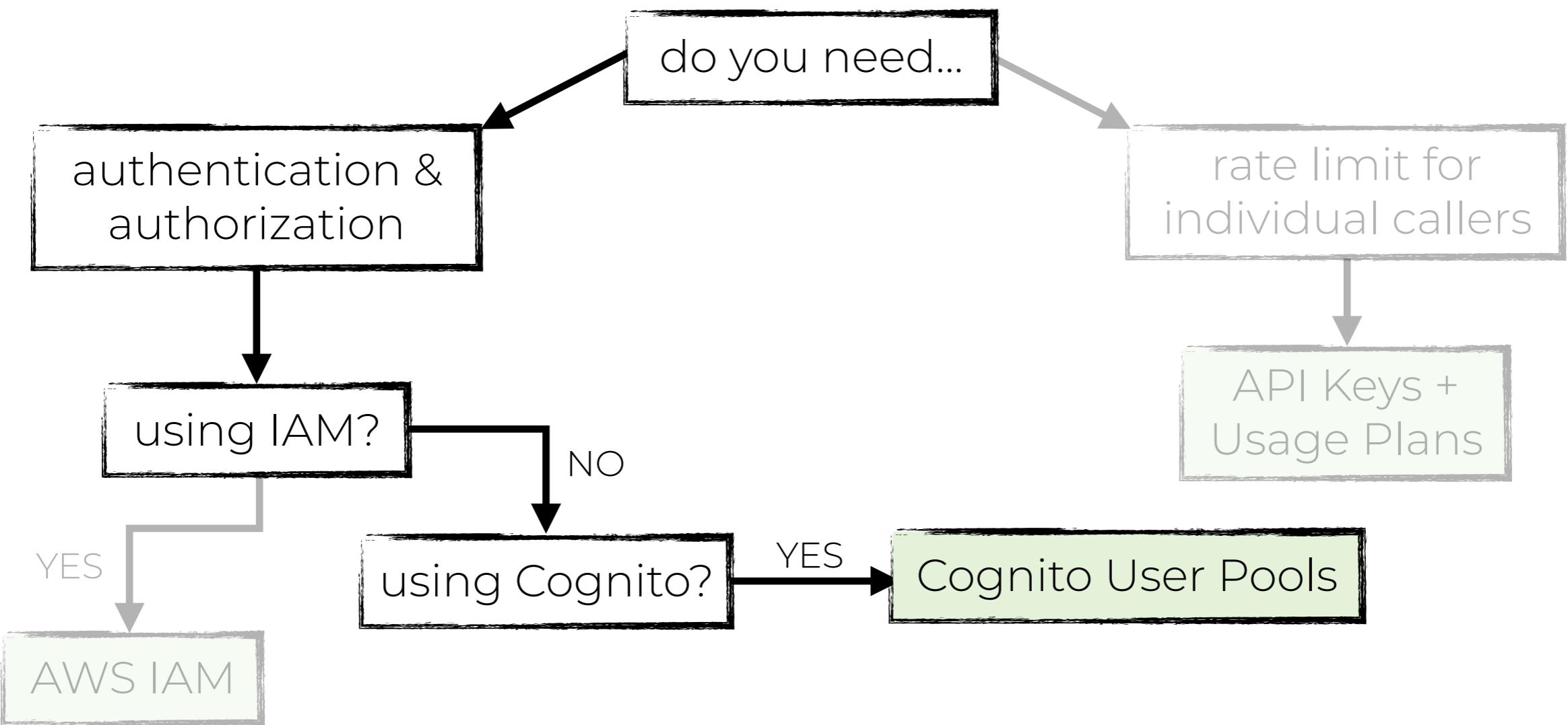


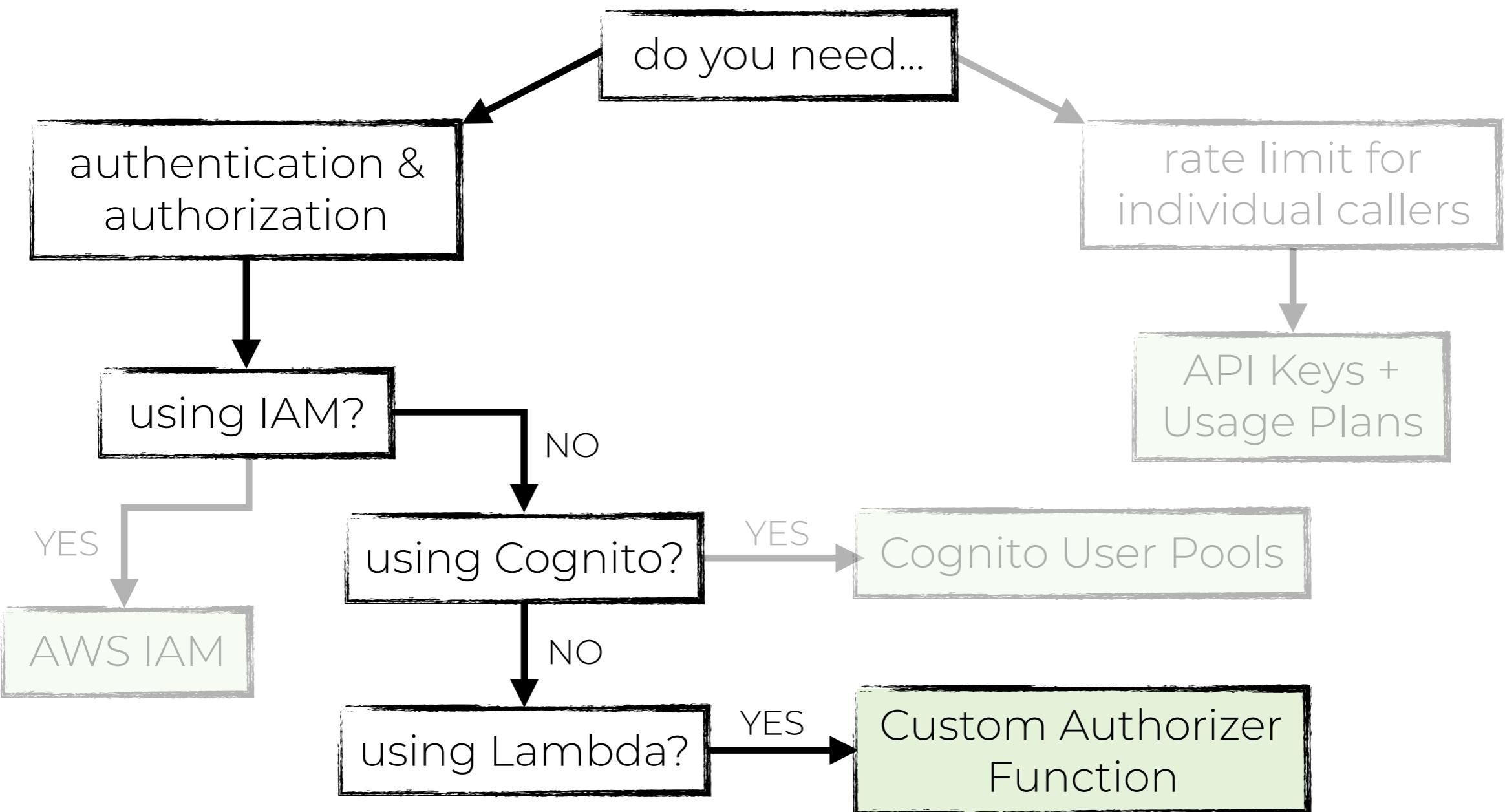
do you need...

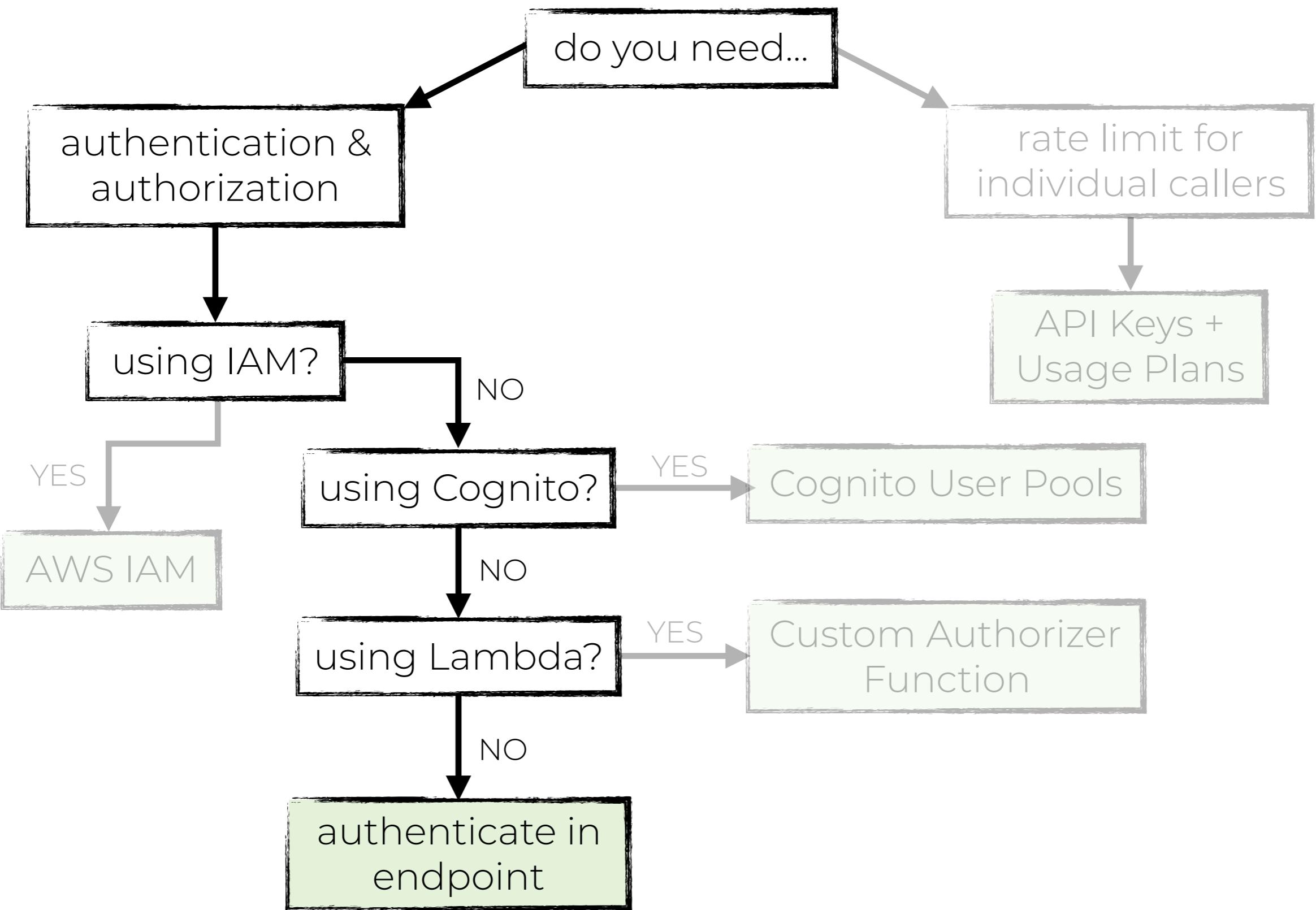


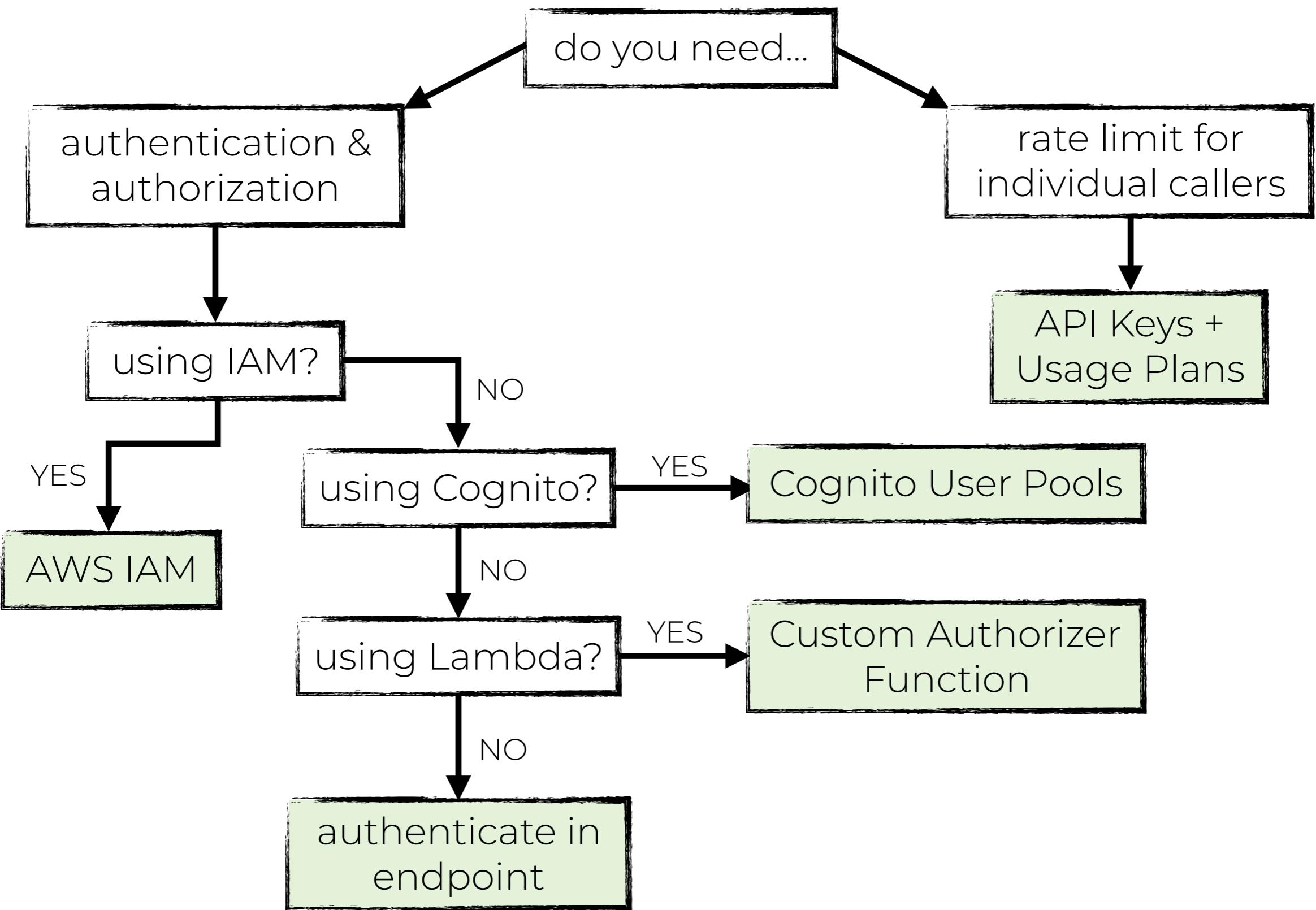


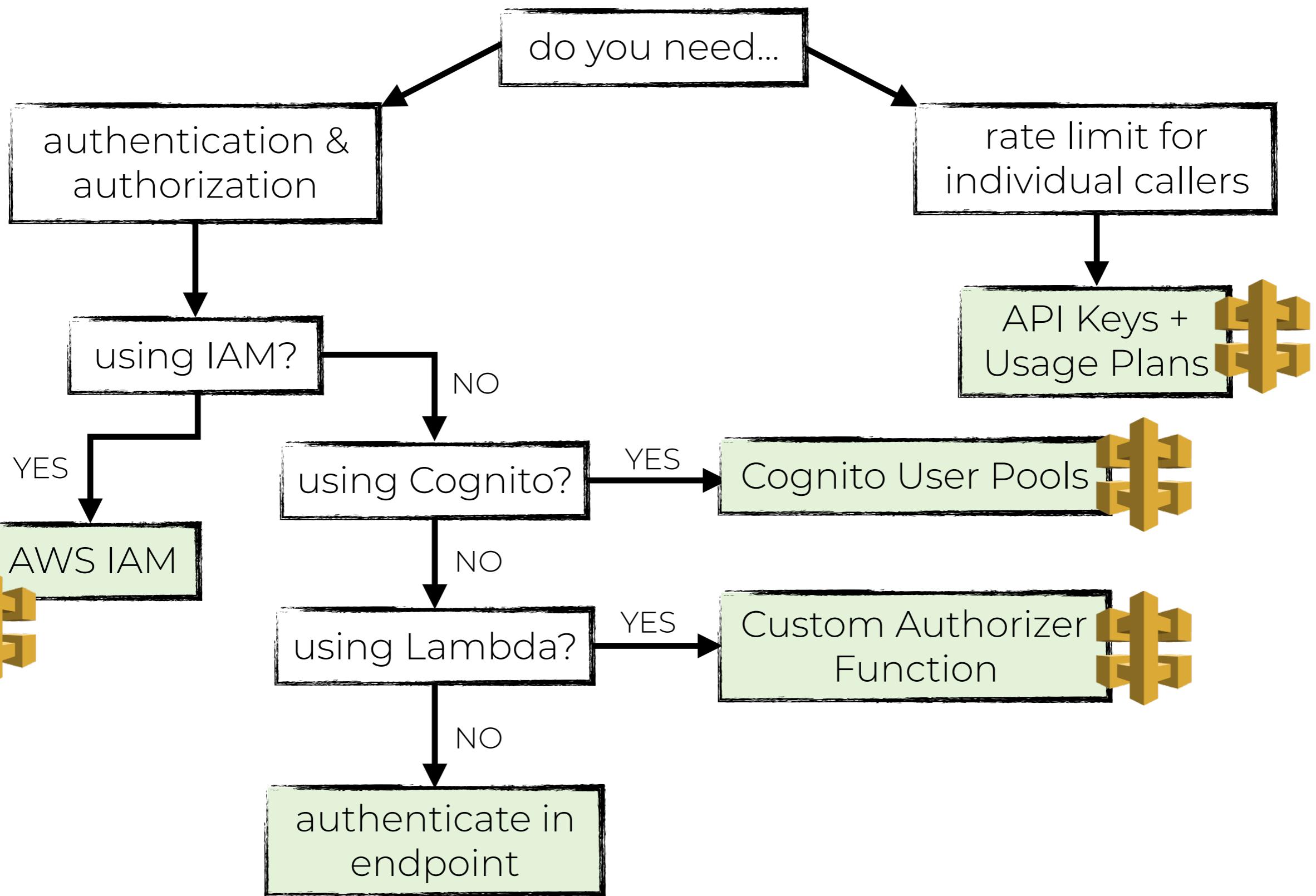




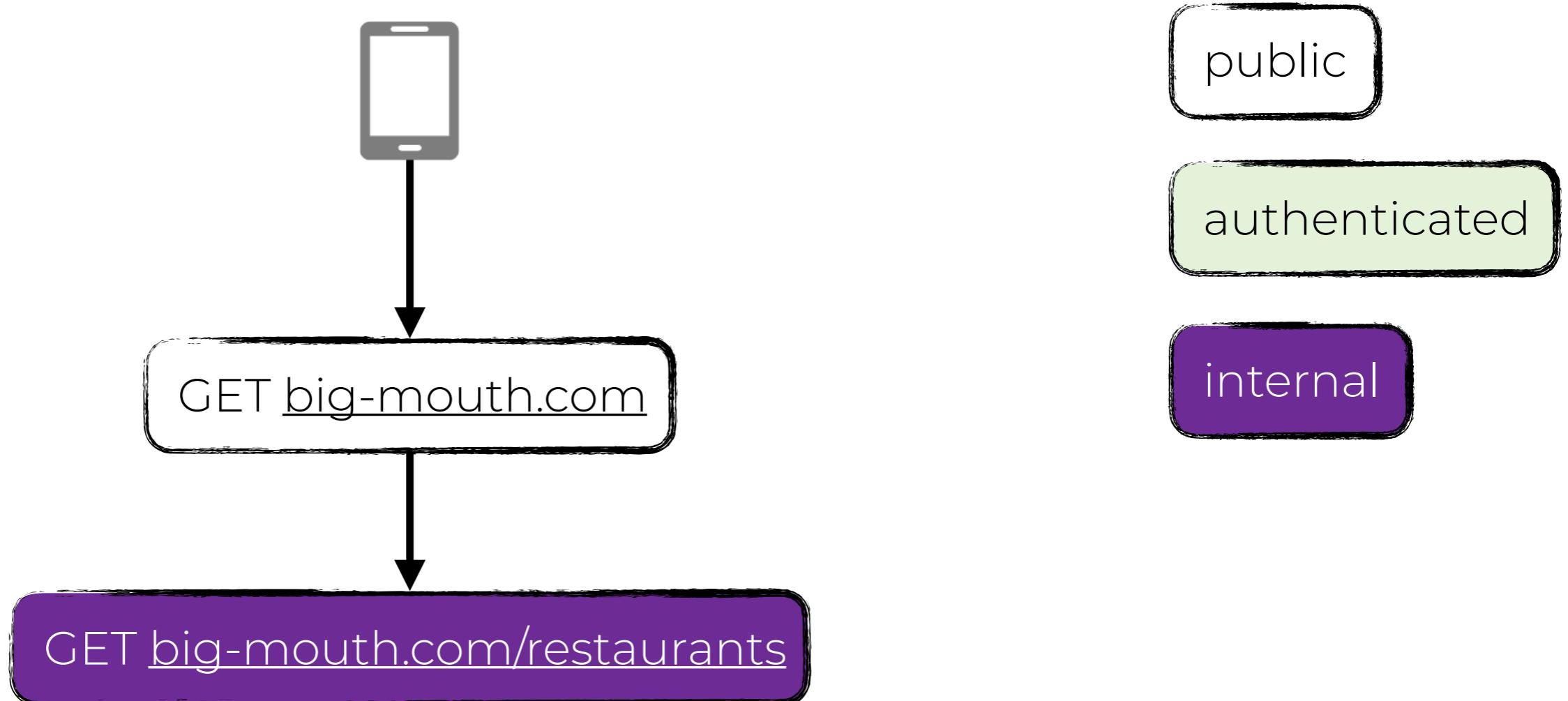




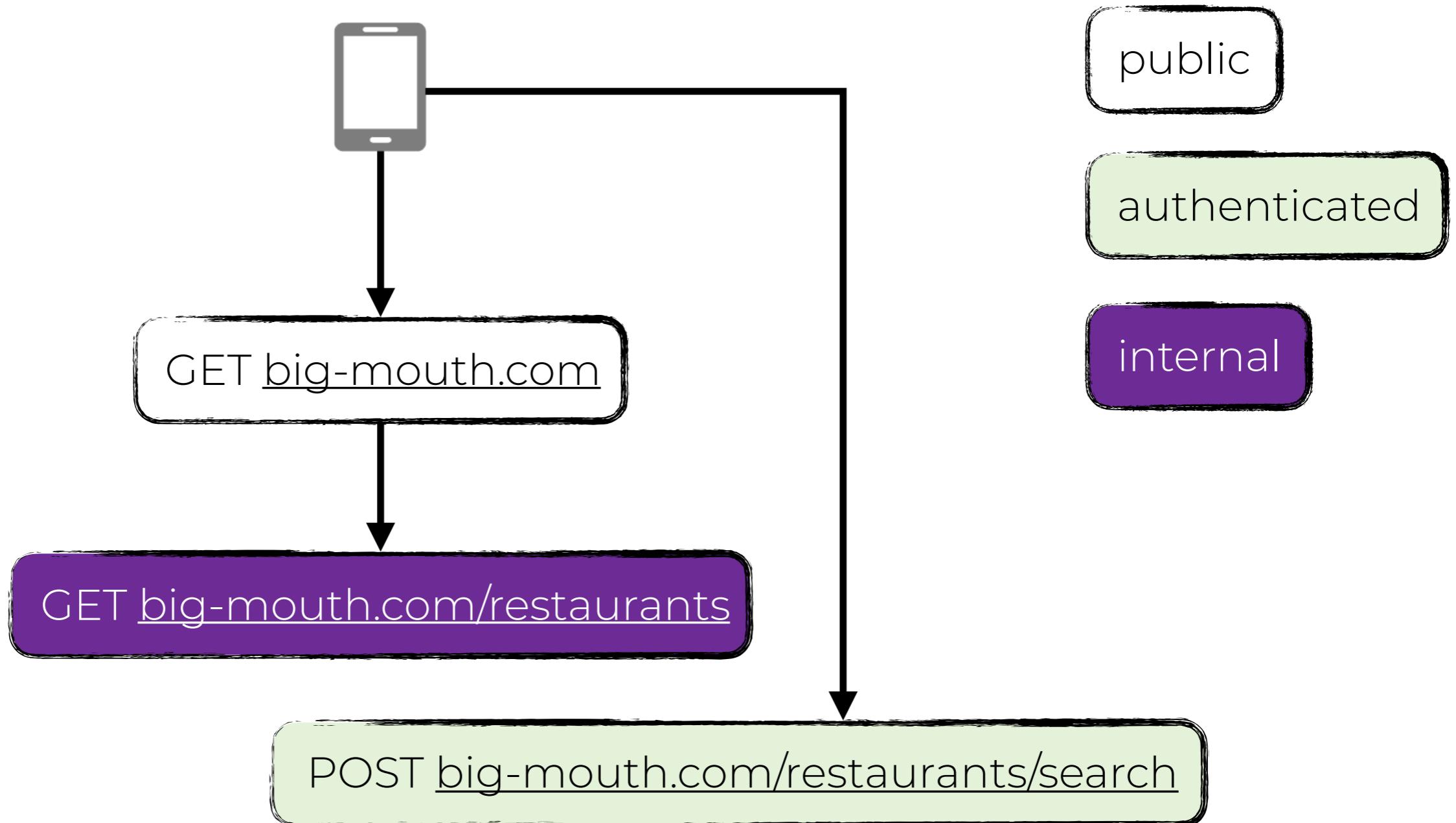




# how to secure APIs



# how to secure APIs



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