

AWS - setup UI in S3 with API Gateway and Cloudflare

Notebook: Hashstacs

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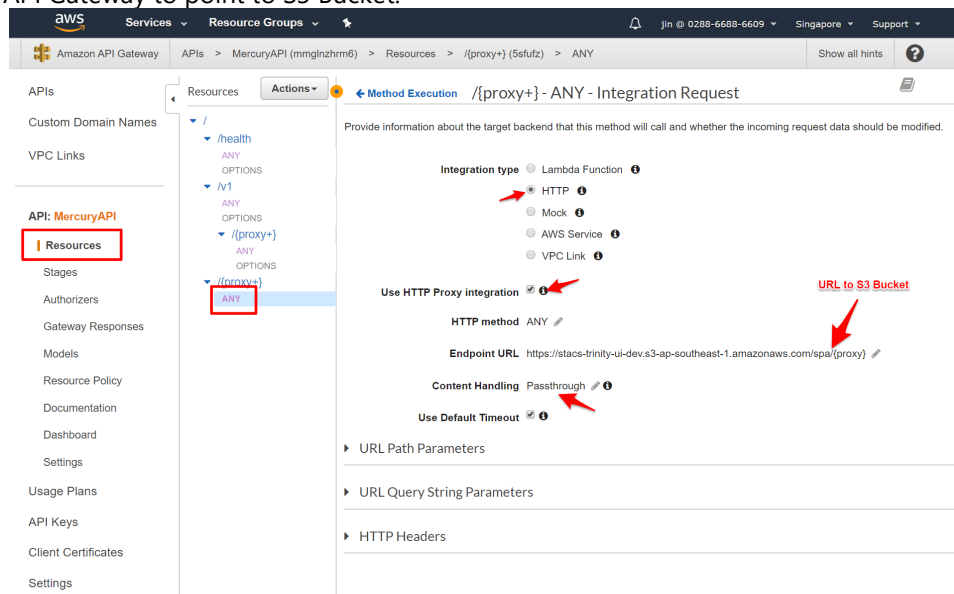
Author: jin ser

Background:

- UI code is deployed to S3 and can be viewed publicly with an S3 link
- Objective is to allow entry via a DNS name managed by Cloudflare, pointing to AWS API Gateway that is connected to S3

Steps:

- Setup API Gateway to point to S3 Bucket:



- Create a Custom Domain Name in AWS and point to AWS Gateway:

API Gateway

APIs
Custom domain names
VPC links

Custom domain names

Custom domain names [Create](#)

Search

- ☐ ubin.jaysoncheng.com
- ☒ mercury-staging.stacs.io
- ☐ ubin.stacs.io

Domain name details

Domain name
The identifier for this domain name resource
mercury-staging.stacs.io

Configuration
Domain name configurations contain details such as endpoint type, TLS version, your domain name
Endpoint type:
Regional

Tags

Find resources

Key	Value
No Tags	

API mappings
Map paths from your domain name to your API stages

API	Stage	Path
MercuryAPI	dev	(n

- Setup Cloudflare to point to the Custom Domain Name:

Cloudflare

+ Add site Support English

Overview Analytics **DNS** Spectrum SSL/TLS Firewall Access Speed Caching Workers Page Rules Network Traffic Stream Custom Pa... Apps Scrape Shi...

DNS management for

+ Add record Search Advanced

Type	Name	Content	TTL	Proxy status
CNAME	mercury-staging	d-onk8i3xcd.execute-api.ap-southeast-1.amazonaws.com	Auto	DNS only

API Gateway Custom Domain Name here