LINUXCON containercon CHINA 中国 CLOUDOPEN

THINK OPEN
开放性思维

# Secure Serverless Endpoint with Webtask

LF ASIA, LLC

# Who am I?

**Md Shahbaz Alam**

**Auth0 Ambassador, Auth0 Inc**

**Mozilla Representative**

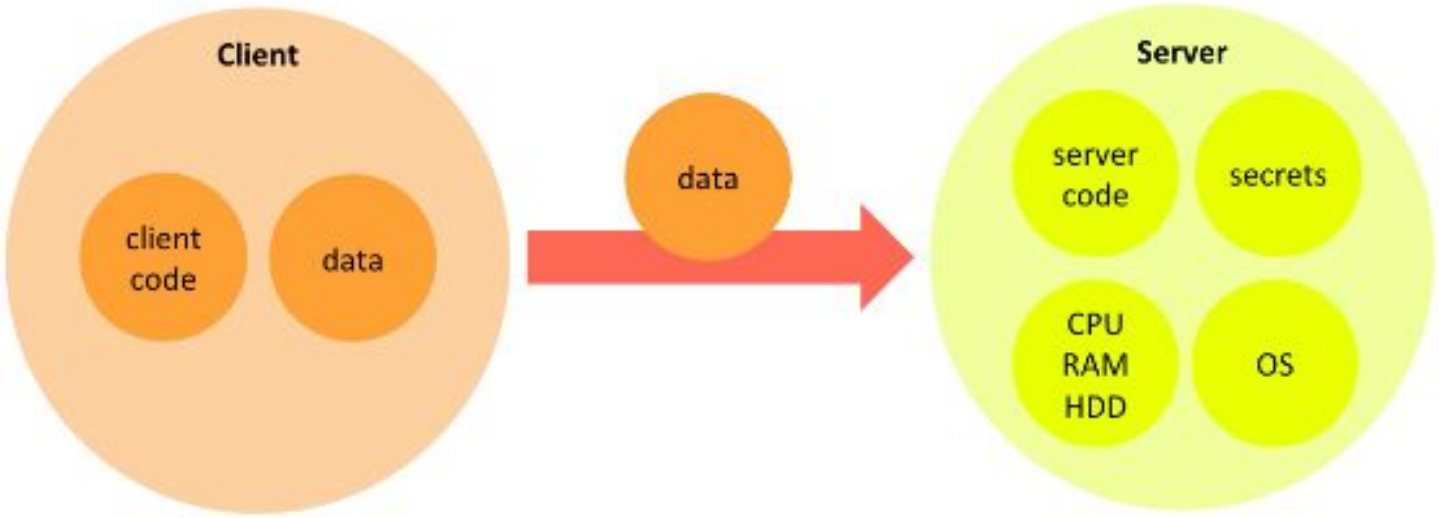
**@mdsbzalam**

LINUXCON
containercon
CLOUDOPEN
CHINA 中国
THINK OPEN
开放性思维
Serverless
LF ASIA, LLC

# Quick History

# A typical Client-Server





# Why still C-S Architecture?



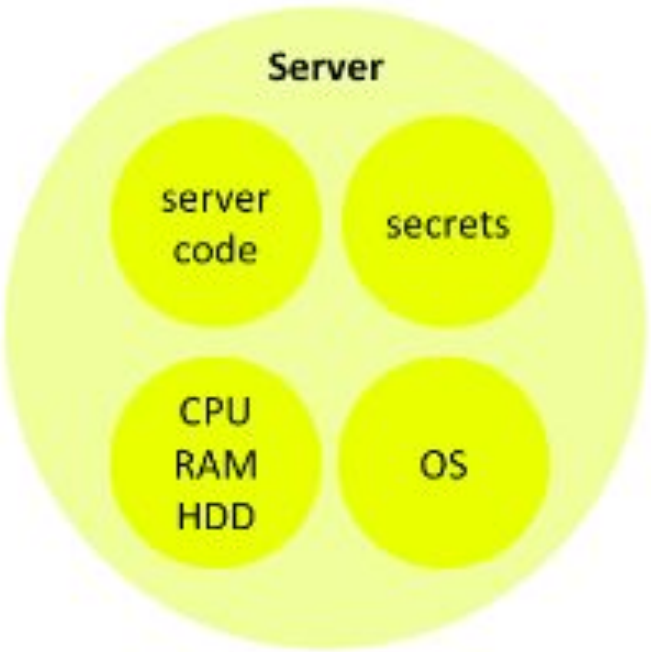
- Technology evolution has changed its application
- Improved Hardware
- Lack of Trust

" We still need a trust boundary between client and server to control access to shared data or functionality. "

# Backend on Server

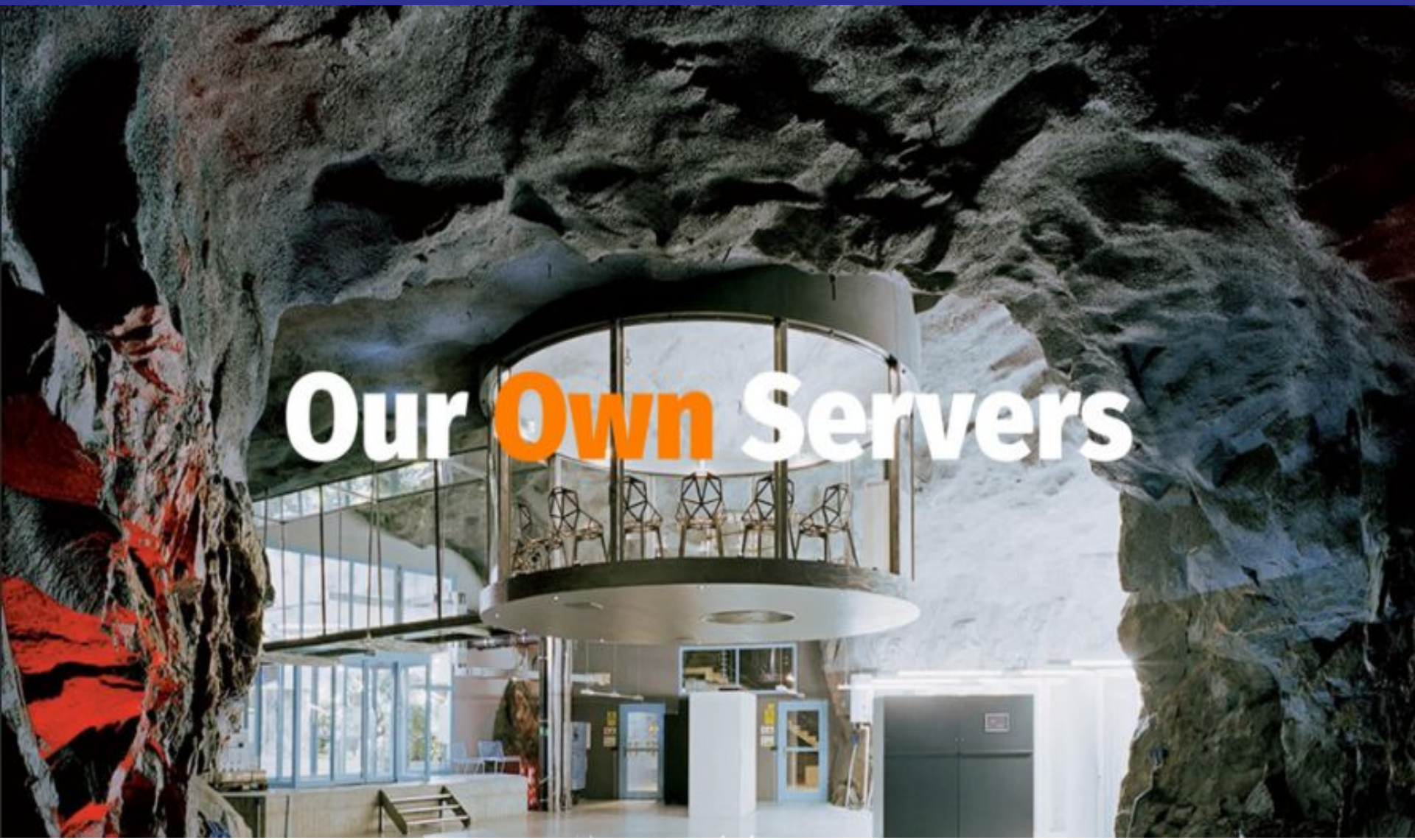


## A Typical Backend




## A Typical Server Room

Our Own Servers


Our Own Servers

Moved to Cloud
It's someone else's servers

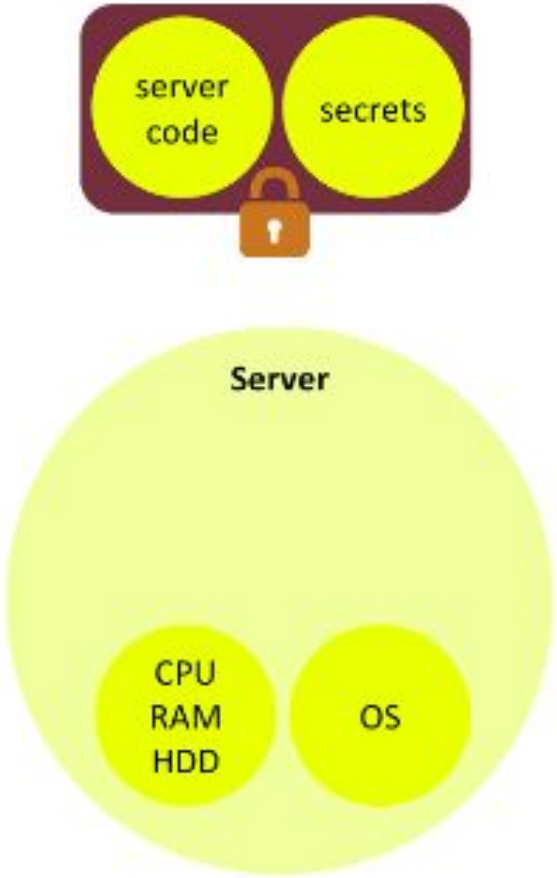
# Serverless: someone else's servers

# Examples

- WebTask
- AWS Lambda
- Azure Functions

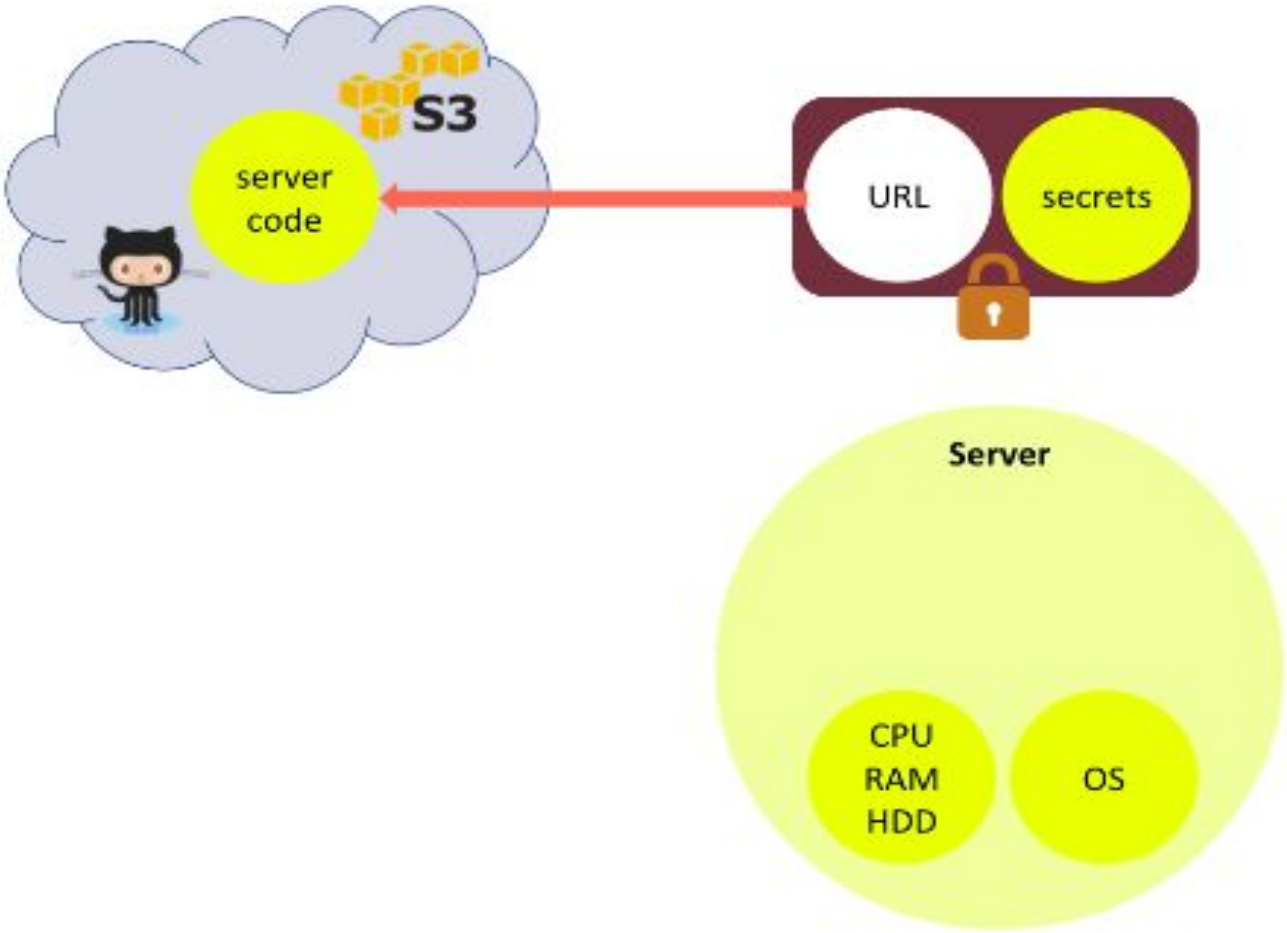
# From Backend to WebTask





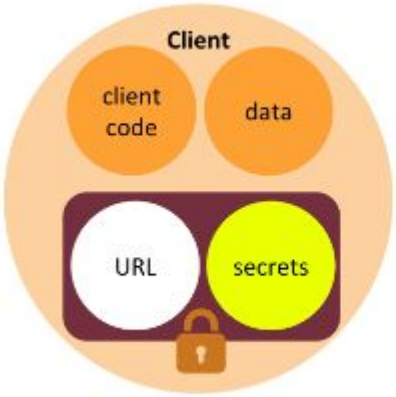
# From Backend to WebTask

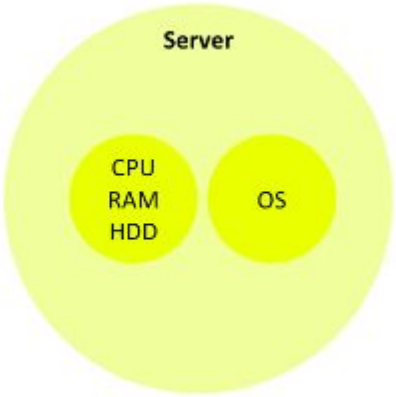




# From Backend to WebTask

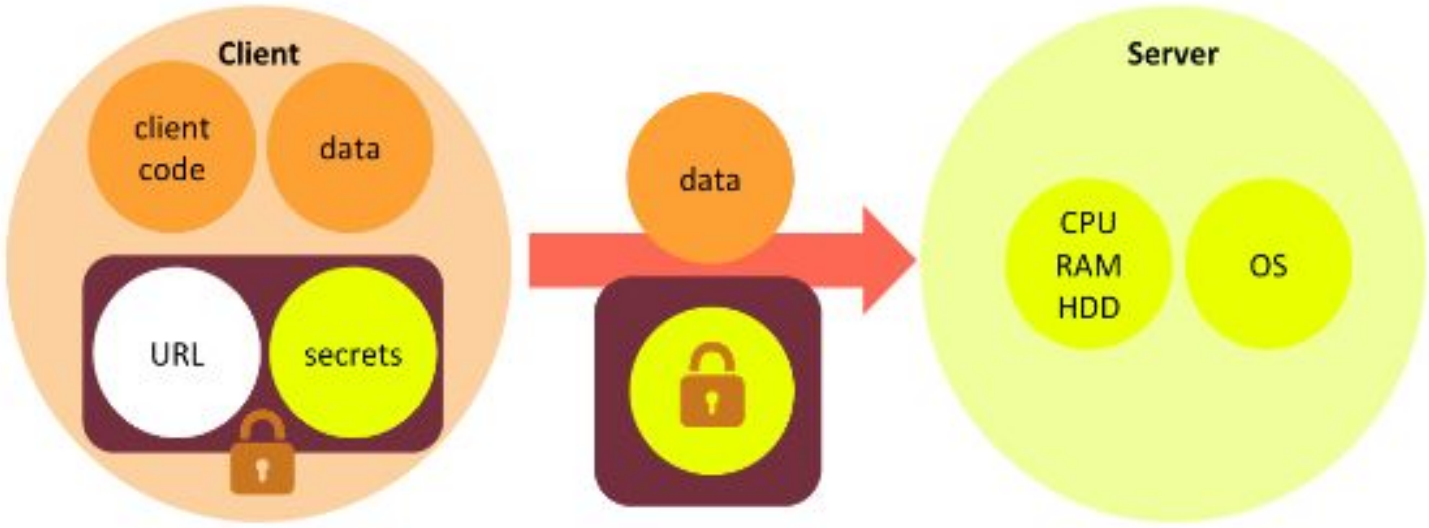




# From Backend to WebTask





# WebTask

# WebTask: Scenario

- WebTask as a Code Sandbox
- WebTask as a Webhook

# How to start with WebTask?

# Getting Started



1. Install WebTask CLI

```
npm install wt-cli -g
```

2. Init WebTask

```
wt init
```

3. Create hello.js and Deploy

```
echo "module.exports = function (cb) {cb(null, 'Hello');}" > hello.js
wt create hello.js
```

# Success WebTask and WebTask Editor



```
echo "module.exports = function (cb) {cb(null, 'Hello');}" > hello.js
wt create hello.js
```

Congratulations! You have just created your first webtask: **https://sandbox.auth0-extend.com/api/run/wt-db97f712472e32f666e6a7bdea7614da-0/hello**

## Use Webtask Editor.

Try the web based Webtask Editor to quickly edit and test a webtask, manage secrets, crons, metadata and synchronize it with GitHub.

```
wt edit hello
```

LINUXCON
containercon
CLOUDOPEN
CHINA 中国
THINK OPEN
开放性思维
Thank you!
LF ASIA, LLC