**Akamai Edgeworkers Coding Challenge**

Edge workers nothing but during the request and response will write logical and achieve whatever we want by JavaScript Code.

**On Request**  **On Response**

onClientRequest onClientResponse

onOriginRequest onOriginResponse

responseProvider

EdgeKV is kind of another database where we can put /save our data by KEY and VALUE.

**Business Use Case**

We could not able to disclose our origin server version from the elastic beanstalk .So we decided to disclose the server version from the Akamai edge Workers .

**Impact**

Due to this we can avoid any attack on the server.

**HTTP Operations**

The different operations on resources are mapped to corresponding HTTP operations. Each

operation has specific functions and characteristics as explained below.

**POST/GET/DELETE/PUT/OPTIONS** - Non-Idempotent request which will result in the creation of a new resource or updating an existing resource

*Example Request*:

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| --- |
| curl --location --request POST {host}/{v}/users/login' \  --header hash-Identity: f75147c7507e07e43d19725a6c4384a6\  --header 'Accept: application/json' \  --header 'Content-Type: application/json' \  --data-raw '{  "type": "traditional",  "deviceId":"918098351840",  "deviceBrand": "PC/MAC",  "data": {  "email": "xxx@yy.zzz",  "password": "8098351840"  }  }  OR  curl --location --request POST 'https://userauthdev.voot.com/usersV3/v3/checkUser' \  --header 'Content-Type: application/json' \  --header 'hash-identity: f75147c7507e07e43d19725a6c4384a6' \  --data-raw '{  "type": "email",  "email": "29veeramani@gmail.com"  }' |

*Example* Response Header (Success): Status Code 200

|  |
| --- |
| {  Content-Type: application/json; charset=utf-8  Content-Length: 65  Server: nginx  } |

**Edge Workers Code:**

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| --- |
| **import { createResponse } from 'create-response';**  **export function onClientResponse(request, response) {**  **response.removeHeader('Server');**  **response.addHeader('Server', 'nginx');**  **response.setHeader('Server', 'nginx');**  **}**  **export function onClientResponse(request, response) {**  **let headers = response.getHeaders();**  **delete headers["Server"];**  **headers["Server"]='nginx';**  **return createResponse(**  **response.status,**  **headers,**  **response.body**  **);**  **}** |