AWS (Amazon Web Service) 입문자를 위한 강의

S3 - 암호화 (Encryption)



S3 암호화

[1] 파일 업로드/다운로드시

• SSL/TLS

[2] 가만히 있을시

- 1. SEE-S3
- 2. SSE-KMS
- 3. SSE-C

* SSL: Secure Socket Layer

* TLS : Transport Layer Security

* SSE: Server-Side Encryption



S3 암호화 과정

- PUT 요청이 생성됨

```
PUT /simon-image.jpg HTTP/1.1
```

Host: SimonBucket.s3.<Region>.amazonaws.com

Date: Thu, 12 Feb 2020 14:26:00 GMT
Authorization: authorization string

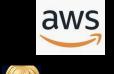
Content-Type: text/plain

Content-Length: 82253

x-amz-meta-author: Simon

Expect: 100-continue

[82253 bytes of object data]





x-amz-server-side-encryption-paramerer





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Authorization: authorization string

Content-Type: text/plain

Content-Length: 82253

x-amz-meta-author: Simon

Expect: 100-continue

x-amz-server-side-encryption-parameter: AES-256

[82253 bytes of object data]



감사합니다 ^_^

