



# **Metadata update messages**

## **StorageGRID**

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# Metadata update messages

Audit messages are generated when an S3 client updates an object's metadata.

## S3 metadata update audit messages

Code	Name	Description	Trace	See
SUPD	S3 Metadata Updated	Generated when an S3 client updates the metadata for an ingested object.	CBID, S3KY, HTRH	<a href="#">SUPD: S3 Metadata Updated</a>

## Example: S3 metadata update

The example shows a successful transaction to update the metadata for an existing S3 object.

### SUPD: S3 Metadata Update

The S3 client makes a request (SUPD) to update the specified metadata (`x-amz-meta-*`) for the S3 object (S3KY). In this example, request headers are included in the field HTRH because it has been configured as an audit protocol header (**CONFIGURATION > Monitoring > Audit and syslog server**).

```
2017-07-11T21:54:03.157462
[AUDT:[RSLT(FC32):SUCS][TIME(UI64):17631][SAIP(IPAD):"10.96.100.254"]
[HTRH(CSTR):"{\"accept-encoding\": \"identity\", \"authorization\": \"AWS
LIUF17FGJARQHPY2E761:jul/hnZs/uNY+aVvV0lTSYhEGts=\",
\"content-length\": \"0\", \"date\": \"Tue, 11 Jul 2017 21:54:03
GMT\", \"host\": \"10.96.99.163:18082\",
\"user-agent\": \"aws-cli/1.9.20 Python/2.7.6 Linux/3.13.0-119-generic
botocore/1.3.20\",
\"x-amz-copy-source\": \"/testbkt1/testobj1\", \"x-amz-metadata-
directive\": \"REPLACE\", \"x-amz-meta-city\": \"Vancouver\"}"]
[S3AI(CSTR):"20956855414285633225"] [SACC(CSTR):"acct1"] [S3AK(CSTR):"SGKHyy
v9ZQqWRbJSQc5vI7mgioJwrdplShE02AUaww=="]
[SUSR(CSTR):"urn:sgws:identity::20956855414285633225:root"]
[SBAI(CSTR):"20956855414285633225"] [SBAC(CSTR):"acct1"] [S3BK(CSTR):"testbk
t1"]
[S3KY(CSTR):"testobj1"] [CBID(UI64):0xCB1D5C213434DD48] [CSIZ(UI64):10] [AVER
(UI32):10]
[ATIM(UI64):1499810043157462] [ATYP(FC32):SUPD] [ANID(UI32):12258396] [AMID(F
C32):S3RQ]
[ATID(UI64):8987436599021955788]]
```

## Related information

[Configure audit messages and log destinations](#)

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