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Web API Assignment 1

Description of HTTP headers for the Request and Response of URL given:

atl-svc: custom header:allow the resources to be available at a separate network. Request to see if possible.

Postman

* quic=":443"; ma=604800; v="30,29,28,27,26,25"

alternate-protocol: custom header: request to see if an alternate protocol is supported for future request.

* 443:quic,p=1

Cache-control: contains directives in respect to cache behavior.

POSTMAN

* private, max-age=0, must-revalidate, no-transform

SOAP

* private, max-age=0

Content-encoding: a pair to the Accept-encoding where it gets the instructions from the request header(accept-encoding) and then compresses the data requested by an algorithm, if any, provided by the request.

POSTMAN

* gzip

SOAP

* gzip

Content-length: this response header gives the size of the body in bytes. A request can be made for just the Content-length to prepare for a full fetch of the data or just a specified partial fetch.

POSTMAN

* 6763

SOAP

* 403

Content-type: Request and Response header that provides the type of media the entity-body is.

POSTMAN

* application/json; charset=UTF-8

SOAP

* text/xml; charset=utf-8

Date: Request: The date the request was sent. Response: The date the request was met.

* Sat, 13 Feb 2016 22:08:49 GMT

E-Tag: a string used to display the version of the data. Usually sent by a server when receiving a Get request and can often save time with conditional Get requests to not sending the data again.

* "3z2GbiG39NRdo416x8jooTTBAqY/MEvtnqw7PnTgPRfuGTW913QwUgg"

Expires: A rough guide to use when determining when a representation changes.

POSTMAN

* Sat, 13 Feb 2016 22:08:49 GMT

SOAP

* Sat, 13 Feb 2016 23:08:49 GMT

Vary: A response header that informs the client what other headers can be modified in order to retrieve a different data format.

Postman

* Origin, X-Origin

SOAP

* Accept-Encoding

Server: Name of the server

POSTMAN

* GSE

SOAP

* Microsoft-IIS/7.0

Status: Custom header

POSTMAN

* 200

SOAP

* HTTP/1.1 200 OK

x-content-type-options: nosniff: prevents internet explorer from MIME-sniffing a response away from the declare content.

* Nosniff

x-frame-options: click jacking protection: “deny” no rendering within a fram, “sameorigin” no rendering if orgin mismatch.

* Sameorigin

x-xss-protection: cross-site scripting(xss) filter

* 1; mode=block