



DataScript: avi.http.get_header

Avi Technical Reference (v17.2)

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Function avi.http.get_header([[name] [context]])

Description Returns a table holding all the headers and their values as a key/value pair in a table. By default, the command will be executed against server response headers for an HTTP_RESP event, and against client request headers when executed within an HTTP_REQ event.

Events HTTP_REQ
HTTP_RESP

By default a table of all headers and their values are returned. When a header *name* is specified, only the value of the specified header is returned as a string.

Parameter The context flag allows inspecting of header values from the *avi.HTTP_REQUEST* or *avi.HTTP_RESPONSE* events. For instance, during an HTTP_RESP event, the client request headers may be inspected.

Returns A table of headers and their values, or a string for a specific header value.

The following example can be used to prevent a Shell Shock attack. This attack embeds a client header which starts with () characters.

Example

```
headers = avi.http.get_header()           -- get all the HTTP headers
for key,val in pairs(headers) do         -- iterate through all headers
  if #val > 2 and string.sub(val, 1, 2) == "(" then
    avi.http.close_conn()               -- reset the TCP connection
  end
end
end
```