

Esoterisches HTTP



Kennt jeder ?



```
GET / HTTP/1.1  
Host: www.example.com
```

```
HTTP/1.1 200 0k  
Content-type: application/octet-stream  
Content-length: 200
```



```
HTTP/1.0 200 Ok  
Content-type: application/octet-stream  
Content-length: 200  
Transfer-Encoding: chunked
```



```
HTTP/1.0 200 0k  
Content-type: application/octet-stream  
Content-length: 200  
Transfer-Encoding: chunked
```

definiert in HTTP/1.1

RFC, not chunked

Chrome 27
Firefox 21
Internet Explorer 8,10

Chunked

Safari 5.1
Opera 12
IDS Suricata 1.4
IDS Bro 2.1
Proxy squid 3.1,3.2



```
HTTP/1.0 200 Ok  
Content-type: application/octet-stream  
Content-Encoding: gzip  
Content-Encoding: deflate
```



Und was passiert hier? je nach Laune

```
HTTP/1.0 200 0k
Content-type: application/octet-stream
Content-Encoding: gzip
Content-Encoding: deflate
```

RFC:
gzip+deflate

deflate

gzip

none

Chrome
Firefox
Rekonq

virustotal.com
IDS Snort 2.9
IDS Bro

Opera
IDS Suricata

MSIE



- <http://noxxi.de/research.html>
 - double content-length header
 - continuation lines
 - Transfer-Encoding: chunked xx
 - Content-Encoding: x-gzip, x-deflate...
 - ...
- App::DubiosHTTP
 - Bild, Script, Text, Eicar-Virus ...
 - <http://chksum.de:8001>



ENDE

