

## HTTP 通信

- ・ブラウザからの HTTP request header

Accept-Encoding: gzip, deflate

- ・サーバからの HTTP response header

Content-Encoding: gzip

Content-Encoding: deflate

## apache22 httpd.conf

```
LoadModule deflate_module libexec/apache22/mod_deflate.so

DeflateCompressionLevel 5
AddOutputFilterByType DEFLATE text/html text/plain text/xml
```

## HTTP 圧縮確認サイト

- ・ <http://www.gidnetwork.com/tools/gzip-test.php>

サーバの HTTP 圧縮転送の有効 / 無効を確認できるサイト / Landscape - エンジニアのメモ 2004-02-12

- ・ <http://sonic64.com/2004-02-12.html>

## HTTP 圧縮確認

- ・ curl

```
[nonaka@proxy01 ~]$ curl --header "Accept-Encoding: gzip, deflate" -vv
http://nona.to/fswiki/TopPage.html | head
* About to connect() to nona.to port 80
* Trying 203.141.139.117... connected
* Connected to nona.to (203.141.139.117) port 80
> GET /fswiki/TopPage.html HTTP/1.1
> User-Agent: curl/7.15.5 (i386-redhat-linux-gnu) libcurl/7.15.5 OpenSSL/0.9.8b zlib/1.2.3
libidn/0.6.5
> Host: nona.to
> Accept: */*
> Accept-Encoding: gzip, deflate
>
< HTTP/1.1 200 OK
< Date: Thu, 06 Sep 2012 08:46:27 GMT
< Server: Apache/2.2.22 (FreeBSD) DAV/2 SVN/1.7.5 PHP/5.4.6 mod_ssl/2.2.22 OpenSSL/1.0.1c
mod_perl/2.0.7 Perl/v5.8.9
< Pragma: no-cache
< Cache-Control: no-cache
< Vary: Accept-Encoding
< Content-Encoding: gzip
< Content-Length: 4036
< Content-Type: text/html; charset=EUC-JP
オ; 03y?[ナ-sxNZ11腥¥ エ +?W$I@P•QC イシ?ヌ??c+v オ ' キヤロ So ヰル杔 {/@ .lo.)D
寤?・ / 倏o?R 衰 J9 I¥) ョ xi q・ 。XB 赤 NK WdJ ヲ P ナ Rt[uTCW4A?
e&K と L エリト J|A(・リ?
```

- ・ 圧縮指定なし

```
[nonaka@proxy01 ~]$ curl -vv http://nona.to/fswiki/TopPage.html | head
* About to connect() to nona.to port 80
* Trying 203.141.139.117... connected
* Connected to nona.to (203.141.139.117) port 80
> GET /fswiki/TopPage.html HTTP/1.1
> User-Agent: curl/7.15.5 (i386-redhat-linux-gnu) libcurl/7.15.5 OpenSSL/0.9.8b zlib/1.2.3
libidn/0.6.5
> Host: nona.to
> Accept: */*
>
< HTTP/1.1 200 OK
< Date: Thu, 06 Sep 2012 08:48:04 GMT
< Server: Apache/2.2.22 (FreeBSD) DAV/2 SVN/1.7.5 PHP/5.4.6 mod_ssl/2.2.22 OpenSSL/1.0.1c
mod_perl/2.0.7 Perl/v5.8.9
< Pragma: no-cache
< Cache-Control: no-cache
< Vary: Accept-Encoding
< Transfer-Encoding: chunked
< Content-Type: text/html; charset=EUC-JP
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100  943    0  943    0    0   6025      0 --:--:-- --:--:-- --:--:--   6025
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=EUC-JP">
    <meta http-equiv="Content-Style-Type" content="text/css">
```