Homework 4

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❑ Secure your web server

- No Apache version
- No email showing when error occurred
  - ➢ 40x, 50x
- No PHP version

```
$ lynx -head -mime_header http://www.ubuntu.com
HTTP/1.0 200 OK
Date: Fri, 20 Nov 2009 09:25:46 GMT
Server: Apache/2.2.8 (Ubuntu) mod_python/3.3.1 Python/2.5.2 PHP/5.2.4-2ubuntu5.7 with Suhosin-Patch mod_ssl/2.2.8
X-Powered-By: PHP/5.2.4-2ubuntu5.7
Content-Type: text/html; charset=utf-8
Age: 13
Content-Length: 0
X-Cache: HIT from avocado.canonical.com
X-Cache-Lookup: HIT from avocado.canonical.com:80
Via: 1.0 avocado.canonical.com:80 (squid/2.6.STABLE18)
Connection: close
```

Homework 4 - DNS

❑ web2.nasa   IN   A   \<Your Server IP\>
❑ slave.nasa   IN   A   \<Your Slave IP 1\>
❑ slave.nasa   IN   A   \<Your Slave IP 2\>
❑ slave.nasa   IN   A   \<Your Slave IP 3\>

❑ Remind
- Don't change any setting about homework 1
- NAP2016-WEB1.nasa
- NAP2016-DNS1.nasa
- NAP2016-DNS2.nasa

Homework 4 - Web

❑ http://Web2.nasa.name.idv.tw/for_ta_info.php

- Print out phpinfo();

Show client ip

❑ http://Web2.nasa.name.idv.tw/myip.php

❑ No additional info and content only showing ip

- Careful about X-Forwarded-For Confusion
  - Considering below blog, and decide which variable is correct.
  - http://devco.re/blog/2014/06/19/client-ip-detection/
- Ex: http://web2.nasa.nasa.idv.tw/myip.php
- Detect script will using X-Forwarded-For to confused you.

Site Protect

❑ http://<Your Server IP>/

❑ http://Web2.nasa.name.idv.tw/

- Must be a empty page
- Content-Length must be 0
- Ex: http://web2.nasa.nasa.idv.tw
- Ex: http://140.131.188.41