

Индивидуальный проект шаг 2

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Задание

В этом этапе индивидуального проекта требуется установить Damn Vulnerable Web Application (DVWA) на виртуальную машину, которую мы установили в предыдущем этапе.

Выполнение

```
(dmgeneralov@dmgeneralov-kali)-[~]  
$ curl https://raw.githubusercontent.com/IamCarron/DVWA-Script/main/Install-DVWA.sh | sudo bash  
% Total % Received % Xferd Average Speed Time Time Time Current  
nt File System  
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  
100 16904 100 16904 0 0 86088 0 0 0 0 0 0 0 0 0 0 8624  
4
```

DVWA INSTALLER

```
Welcome to the DVWA setup!  
Script Name: Install-DVWA.sh  
Author: IamCarron  
Github Repo: https://github.com/IamCarron/DVWA-Script  
Installer Version: 1.0.5
```

Updating repositories ...

```
Get:1 http://kali.download/kali kali-rolling InRelease [41.5 kB]  
Get:2 http://kali.download/kali kali-rolling/main amd64 Packages [20.1 MB]  
Get:3 http://kali.download/kali kali-rolling/main amd64 Contents (deb) [49.2 MB]  
Get:4 http://kali.download/kali kali-rolling/contrib amd64 Packages [110 kB]
```

Docker

```
(dmgeneralov@dmgeneralov-kali)-[/var/www/html]
$ curl https://download.docker.com/linux/debian/gpg | sudo gpg --dearmor -o /etc/apt/trusted.gpg.d/docker.gpg
% Total    % Received % Xferd  Average Speed   Time    Time     Time    Current
           Dload  Upload   Total   Spent    Left     Speed
100 3817  100 3817    0     0  19120    0 --:--:-- --:--:-- --:--:-- 19777

(dmgeneralov@dmgeneralov-kali)-[/var/www/html]
$ echo "deb [arch=amd64] https://download.docker.com/linux/debian bookworm stable" | sudo tee /etc/apt/sources.list.d/docker.list
deb [arch=amd64] https://download.docker.com/linux/debian bookworm stable

(dmgeneralov@dmgeneralov-kali)-[/var/www/html]
$ sudo apt update
Get:1 https://download.docker.com/linux/debian bookworm InRelease [43.3 kB]
Get:2 https://download.docker.com/linux/debian bookworm/stable amd64 Packages [31.3 kB]
Get:3 https://download.docker.com/linux/debian bookworm/stable amd64 Contents (deb) [1340 B]
Hit:4 http://http.kali.org/kali kali-rolling InRelease
Fetched 75.9 kB in 16s (4852 B/s)
904 packages can be upgraded. Run 'apt list --upgradable' to see them.

(dmgeneralov@dmgeneralov-kali)-[/var/www/html]
$ apt ins

(dmgeneralov@dmgeneralov-kali)-[/var/www/html]
$ sudo apt install docker-ce docker-ce-cli containerd.io docker-compose
Installing:
  containerd.io  docker-ce  docker-ce-cli  docker-compose

Installing dependencies:
  docker-buildx-plugin  docker-compose-plugin  pigz  python3-docker  python3-texttable
  docker-ce-rootless-extras  libslirp0  python3-compose  python3-dockerpty  slirp4netns

Suggested packages:
  aufs-tools  cgroupfs-mount  | cgroup-lite

Recommended packages:
  docker.io

Summary:
  Upgrading: 0, Installing: 14, Removing: 0, Not Upgrading: 904
  Download size: 123 MB
```

Рис. 2: docker

Docker Compose

Docker Compose

```
dmgeneralov@dmgeneralov-kali:~$ cd
dmgeneralov@dmgeneralov-kali:~$ git clone https://github.com/digininja/DVWA
Cloning into 'DVWA' ...
remote: Enumerating objects: 4784, done.
remote: Counting objects: 100% (334/334), done.
remote: Compressing objects: 100% (187/187), done.
remote: Total 4784 (delta 184), reused 267 (delta 139), pack-reused 4450 (from 1)
Receiving objects: 100% (4784/4784), 2.39 MiB | 899.00 KiB/s, done.
Resolving deltas: 100% (2279/2279), done.
dmgeneralov@dmgeneralov-kali:~$ cd DVWA
dmgeneralov@dmgeneralov-kali:~/DVWA$ docker compose up -d
permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/s/json?all=1&filters=%7B%22label%22%3A%7B%22com.docker.compose.config-hash%22%3Atrue%2C%22com.docker.compose.project%3Ddvwa%22%3Atrue%7D%7D": /run/docker.sock: connect: permission denied
dmgeneralov@dmgeneralov-kali:~/DVWA$ sudo systemctl enable docker --now
Synchronizing state of docker.service with SysV service script with /usr/lib/systemd/systemd-sysv-install.
Executing: /usr/lib/systemd/systemd-sysv-install enable docker
dmgeneralov@dmgeneralov-kali:~/DVWA$ sudo docker compose up -d
[+] Running 2/27
  db Pulled
    ✓ 6414378b6477 Pull complete
    ✓ 30351e0212f7 Pull complete
    ✓ 699d06734e15 Pull complete
    ✓ 143f7abbed03 Pull complete
    ✓ ec2a3d1eab0e Pull complete
    ✓ d5ad4eb74c2b Pull complete
    ✓ 127c25a3c098 Pull complete
    ✓ 372201a21081 Pull complete
  dvwa Pulled
    ✓ e4ff0779e6d Pull complete
```

Рис. 3: docker-compose

DVWA

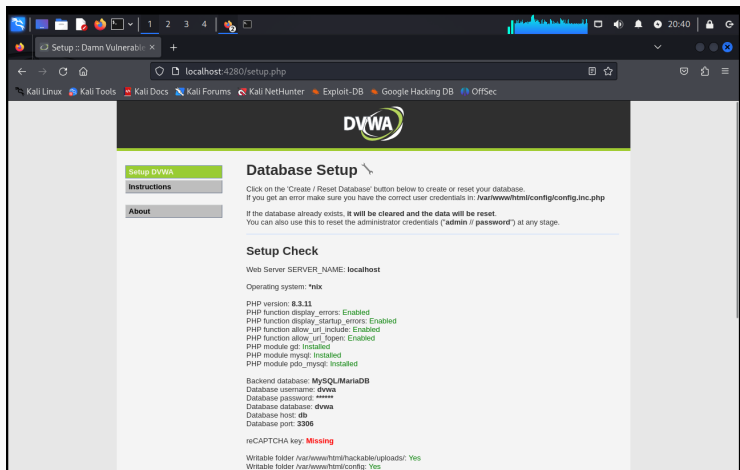


Рис. 4: dvwa

DVWA



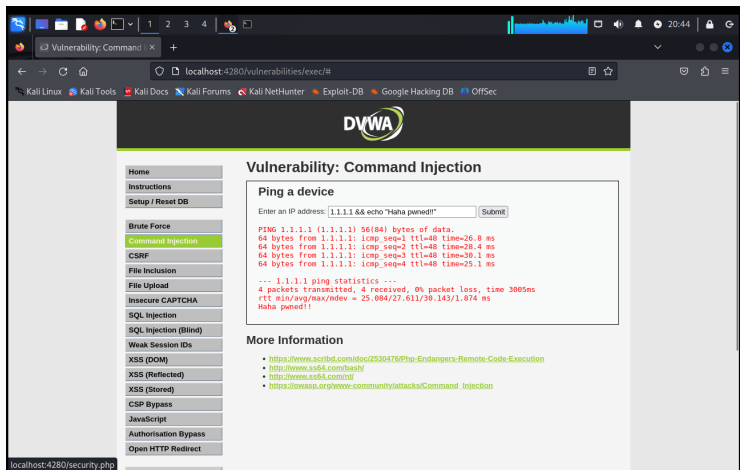


Рис. 5: dvwa

Выводы

Мы успешно установили DVWA и попробовали эксплуатировать одну из уязвимостей. Это доказывает, что установка была осуществлена успешно.