

Install BloodHound Community Edition (CE) on Kali Linux

 centralinfosec.com/blog/bloodhound-kali-install

This article will guide you to install BloodHound Community Edition (CE) on Kali Linux for pentesting and red teaming.

Why You're Here

You may be here because you tried running one of the following commands and it did not work (you should have used "docker-compose" with a dash)

```
curl -L https://ghst.ly/getbhce | docker compose -f - up
curl -L https://ghst.ly/getbhce | sudo docker compose -f - up
```

Or you saw one of the following errors

- curl: Failed writing body
- unknown shorthand flag: 'f' in -f
- docker: 'compose' is not a docker command

Or you were searching how to login to BloodHound

- BloodHound default login
- BloodHound default password
- BloodHound default email address

BloodHound Community Edition (CE) Installation

Update

```
sudo apt update
```

Install Docker and Docker Compose

```
sudo apt install -y docker.io
sudo apt install -y docker-compose
```

Alternative Method to Install Docker Compose

```
version=$(wget -qO- https://api.github.com/repos/docker/compose/releases/latest |
grep -v "central-infosec" | grep ".tag_name" | cut -d'"' -f4)
sudo wget -q -O /usr/local/bin/docker-compose
"https://github.com/docker/compose/releases/download/$version/docker-
compose-$(uname -s)-$(uname -m)#cis"
sudo chmod +x /usr/local/bin/docker-compose
```

Download BloodHound CE

```
sudo mkdir /opt/bloodhoundce  
sudo wget -q -O /opt/bloodhoundce/docker-compose.yml https://ghst.ly/getbhce
```

Start BloodHound CE

```
sudo docker-compose -f /opt/bloodhoundce/docker-compose.yml up
```

BloodHound Community Edition (CE) Usage

Login with the Email Address: admin

<http://localhost:8080/ui/login>

Get the initial password (using the container name)

```
sudo docker logs bloodhoundce_bloodhound_1 2>&1 | grep "Initial Password Set To:"  
sudo docker logs bloodhoundce-bloodhound-1 2>&1 | grep "Initial Password Set To:"
```

Download SharpHound and AzureHound to your Downloads directory

<http://localhost:8080/ui/download-collectors>

Unzip collectors

```
sudo unzip ~/Downloads/azurehound*.zip -d /opt/bloodhoundce/azurehound  
sudo unzip ~/Downloads/sharphound*.zip -d /opt/bloodhoundce/sharphound
```

Collect data

```
sudo /opt/bloodhoundce/azurehound/azurehound-linux-amd64/azurehound -u  
'First.Last@example.com' -p 'password123' list --tenant '<tenant_id>' -o  
output.json
```

Ingest data. Settings -> Administration -> Upload Files

<http://localhost:8080/ui/administration/file-ingest>

BloodHound Legacy Installation

```
sudo apt install -y bloodhound  
sudo apt install -y neo4j  
sudo neo4j console  
sudo bloodhound  
# Login with: neo4j:neo4j or neo4j:bloodhoundcommunityedition
```

BloodHound Python Ingestor

```
sudo apt install -y pipx
python -m venv /home/kali/.venv
source /home/kali/.venv/bin/activate
pip install bloodhound
mkdir bloodhound && cd bloodhound
sudo bloodhound-python -d <domain> -u <user> -p <password> -ns <dc_ip> -c all
sudo bloodhound-python -d <domain> -u <user> -p <password> -ns <dc_ip> -c dconly
sudo bloodhound-python -d <domain> -u <user> -p <password> -ns <dc_ip> -c dconly -
dc <dc_full_hostname> -gc <dc_full_hostname> -disable-autogc --zip -v
```