

Install BloodHoundCE on Kali Linux

 centralinfosec.com/blog/bloodhoundce-kali-install

This article will guide you to install BloodHound on Kali Linux for penetration testing and red teaming.

BloodHoundCE 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 Usage

Login with the Email Address: admin

```
http://localhost:8080/ui/login
```

Get the initial password

```
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
```