

Introducing BloodHound CLI

 posts.specterops.io/introducing-bloodhound-cli-7dfaf82e2df8

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. /BLOODHOUND COMMAND LINE

We created a new tool to help you install and manage BloodHound instances, BloodHound CLI!

GitHub - SpecterOps/bloodhound-cli

Contribute to SpecterOps/bloodhound-cli development by creating an account on GitHub.

github.com

Written entirely in Go, this command-line tool can be cross-compiled to support Windows, macOS, and Linux, so you can use whichever operating system you like as your host system for BloodHound. You only need to have Docker installed.

BloodHound CLI dramatically simplifies installation and server management. You can use BloodHound CLI to pull logs and monitor your containers. Read on to learn more about a few of the specific commands.

```
$ ./bloodhound-cli
```

BloodHound CLI is a command line interface for managing BloodHound and associated containers and services. Commands are grouped by their use.

Usage:

```
bloodhound-cli [command]
```

Available Commands:

completion	Generate the autocompletion script for the specified shell
config	Display or adjust the configuration
containers	Manage BloodHound containers with subcommands
help	Help about any command
install	Builds containers and performs first-time setup of BloodHound
logs	Fetch logs for BloodHound services
running	Print a list of running BloodHound services
version	Displays BloodHound CLI's version information

Flags:

```
-h, --help    help for bloodhound-cli
```

Use "bloodhound-cli [command] --help" for more information about a command.

Installing BloodHound

Recently, we talked with some of our community members to learn about their experiences with BloodHound Community Edition. One problem they reported was retrieving the initial password for the default admin user. Previously, installing BloodHound required pulling down the Docker YAML file, running the Docker Compose commands, and monitoring the output to grab the initial password.

Now, you only need to run *./bloodhound-cli install* and wait. BloodHound CLI will pull the Docker Compose file (if it doesn't exist), randomly generate an initial password, and then display the initial credentials at the end of the installation.

```
./bloodhound-cli install [+] Checking the status of Docker and the Compose
plugin...[+] Starting BloodHound environment installation[+] Downloading the
production YAML file from
https://raw.githubusercontent.com/SpecterOps/BloodHound_CLI/refs/heads/main/docker-
compose.yml[+] Downloading the development YAML file from
https://raw.githubusercontent.com/SpecterOps/BloodHound_CLI/refs/heads/main/docker-
compose.dev.yml graph-db Pulling app-db Pulling bloodhound Pulling graph-db
Pulled app-db Pulled bloodhound Pulled Container bloodhound_cli-graph-db-1
Running Container bloodhound_cli-app-db-1 Running Container bloodhound_cli-
bloodhound-1 Running Container bloodhound_cli-app-db-1 Waiting Container
bloodhound_cli-graph-db-1 Waiting Container bloodhound_cli-app-db-1 Healthy
Container bloodhound_cli-graph-db-1 Healthy[+] BloodHound is ready to go![+] You
can log in as `admin` with this password: JqNmrSuFwb5k8qj5EVL0f20tUppzmZ4Y[+] You
can get your admin password by running: bloodhound-cli config get
default_password[+] You can access the BloodHound UI at:
http://127.0.0.1:8080/ui/login
```

You can customize your installation by setting your initial password or adjusting the default username.

Customizing BloodHound

The *config* command is here to help you manage your server settings. As mentioned above, you can use it to set the initial username and password manually or set any other value you need in the *bloodhound.config.json* file. You can also use the *config* and *config get* commands to retrieve all config or individual values.

Wrap Up

Whether you're starting fresh with BHCE or a veteran user, BloodHound CLI makes everything simpler. The tool can manage your configuration, monitor running containers, and pull logs. We will continue developing this new tool to simplify server updates and other maintenance tasks.

You can grab the first release, v0.1.0, here:

Release BloodHound CLI v0.1.0 · SpecterOps/bloodhound-cli

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