# Maze Repo

## Description

You are about to witness a repository that has more than it meets the eye! Some think it as a maze but I would say it's the mirror that deceives you the most :)

nc xx.xxx.xx.xxx xxxxx

## TL;DR

Find .git repo in backup folder, dump and use git extractor to find users.db, crack hash and login.

## Solution

The web page shows a login page.

Graphical user interface, application

Description automatically generated

Initial directory and file scanning revealed a backup folder in the site.

A screenshot of a computer

Description automatically generated with medium confidence

The backup contains a users.db that has nothing inside.

Graphical user interface, application

Description automatically generated

At this point, I relooked at the challenge title description and how it was hinting at git (repository, mirror). Navigating to backup/.git confirms my suspicions.

Table

Description automatically generated

The intended way to discover this was probably to scan for hidden files and directories.

A screenshot of a computer

Description automatically generated with medium confidence

There are tools online to help download the entire .git repository. I used [gitdumper](https://github.com/internetwache/GitTools/tree/master/Dumper) from [GitTools](https://github.com/internetwache/GitTools).

Text

Description automatically generated

Tried to view the commit history using “git log” but there was nothing there.

I used the [extractor](https://github.com/internetwache/GitTools/tree/master/Extractor) script from GitTools to extract commits as the repository seemed to be broken. Three commits were found and it gave me three versions of users.db.

Text

Description automatically generated

Looking through the commit data shows that the database was added and then subsequently removed.

Text

Description automatically generated

Text

Description automatically generated

Looking through the users.db shows us some login credentials.

Graphical user interface, application

Description automatically generated

[Crackstation](https://crackstation.net/) was able to find two of the hashes.

Graphical user interface

Description automatically generated with medium confidence

Logging in as michael:halloween would give us the flag.

Graphical user interface, text, application

Description automatically generated