Walkthrough – Mercury

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# Host Discovery



**Kali**: 192.168.56.101

**Victim**: 192.168.56.156

# Nmap

A black background with white text

Description automatically generated







## Robots.txt



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The third option looks interesting.

A close up of a moon

Description automatically generated

 This url gave me a debug error.

A screen shot of a computer

Description automatically generated

I could have used the information above however, I rushed it. Found the above information anyway.

# SQLMap

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A black screen with white text

Description automatically generated



A screen shot of a computer

Description automatically generated

**Credentials for ssh** – webmaster: mercuryisthesizeof0.056Earths

# Exploitation

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# Flag 1

A computer screen shot of a computer code

Description automatically generatedIn the home directory.

# A screen shot of a computer Description automatically generatedEscalation

## Decode Base64

**Credentials** – linuxmaster: mercurymeandiameteris4880km

A blue text on a black background

Description automatically generated

## Sudo -l

A screen shot of a computer

Description automatically generatedRunning it.

Since tails is called I can modify the environment to abuse tail.

A black screen with white text

Description automatically generatedSince tails is used I can create a new simlink of “tails” but using a vim editor. Since vim can run bash commands I thought it would be best.

Running the last command allows a vim editor to appear, then I can write the following.





# A screenshot of a computer screen Description automatically generatedFlag2