



# CVE-2021-21980

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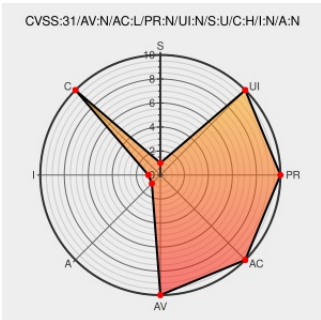
Last Modified on: 11/30/2021 01:19:00 AM UTC

## CVE-2021-21980

[Source: Mitre](#)

[Source: Nist](#)

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Certain versions of [Cloud Foundation](#) from [Vmware](#) contain the following vulnerability:

The vSphere Web Client (FLEX/Flash) contains an unauthorized arbitrary file read vulnerability. A malicious actor with network access to port 443 on vCenter Server may exploit this issue to gain access to sensitive information.

CVE-2021-21980 has been assigned by [vmw](#) security@vmware.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
<b>NETWORK</b>	<b>LOW</b>	<b>NONE</b>	<b>NONE</b>
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
<b>UNCHANGED</b>	<b>HIGH</b>	<b>NONE</b>	<b>NONE</b>

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
<b>NETWORK</b>	<b>LOW</b>	<b>NONE</b>
Confidentiality Impact	Integrity Impact	Availability Impact
<b>PARTIAL</b>	<b>NONE</b>	<b>NONE</b>

## CVE References

Description	Tags	Link
VMSA-2021-0027	<a href="#">www.vmware.com</a> <a href="#">text/html</a>	<a href="#">MISC</a> <a href="http://www.vmware.com/security/advisories/VMSA-2021-0027.html">www.vmware.com/security/advisories/VMSA-2021-0027.html</a>

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## Related QID Numbers

[216270](#) VMware vCenter Server 6.7 Update 6.7 U3P (VMSA-2021-0027)

[216271](#) VMware vCenter Server 6.5 Update 6.5 U3R (VMSA-2021-0027)

## Exploit/POC from Github

A vulnerability scanner that detects CVE-2021-21980 vulnerabilities.

## Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Vmware</a>	<a href="#">Cloud Foundation</a>	3.0	-	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.5	-	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.5	update_1	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.5	update_1b	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.5	update_1c	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.5	update_1d	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.5	update_1e	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.5	update_1g	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.5	update_2	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.5	update_2b	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.5	update_2c	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.5	update_2d	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.5	update_2g	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.5	update_3	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.5	update_3d	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.5	update_3f	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.5	update_3k	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.5	update_3n	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.5	update_3p	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.5	update_3q	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.7	-	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.7	update_1	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.7	update_1b	All	All
Application	<a href="#">Vmware</a>	<a href="#">Vcenter Server</a>	6.7	update_2	All	All

Application	Vmware	Vcenter Server	6.7	update_2a	All	All
Application	Vmware	Vcenter Server	6.7	update_2c	All	All
Application	Vmware	Vcenter Server	6.7	update_3	All	All
Application	Vmware	Vcenter Server	6.7	update_3a	All	All
Application	Vmware	Vcenter Server	6.7	update_3b	All	All
Application	Vmware	Vcenter Server	6.7	update_3f	All	All
Application	Vmware	Vcenter Server	6.7	update_3g	All	All
Application	Vmware	Vcenter Server	6.7	update_3j	All	All
Application	Vmware	Vcenter Server	6.7	update_3l	All	All
Application	Vmware	Vcenter Server	6.7	update_3m	All	All
Application	Vmware	Vcenter Server	6.7	update_3n	All	All
Application	Vmware	Vcenter Server	6.7	update_3o	All	All

cpe:2.3:a:vmware:cloud\_foundation:3.0:-:\*:\*:\*:\*:\*:

cpe:2.3:a:vmware:vcenter\_server:6.5:-:\*:\*:\*:\*:\*:

cpe:2.3:a:vmware:vcenter\_server:6.5:update\_1:\*:\*:\*:\*:\*:

cpe:2.3:a:vmware:vcenter\_server:6.5:update\_1b:\*:\*:\*:\*:\*:

cpe:2.3:a:vmware:vcenter\_server:6.5:update\_1c:\*:\*:\*:\*:\*:

cpe:2.3:a:vmware:vcenter\_server:6.5:update\_1d:\*:\*:\*:\*:\*:

cpe:2.3:a:vmware:vcenter\_server:6.5:update\_1e:\*:\*:\*:\*:\*:

cpe:2.3:a:vmware:vcenter\_server:6.5:update\_1g:\*:\*:\*:\*:\*:

cpe:2.3:a:vmware:vcenter\_server:6.5:update\_2:\*:\*:\*:\*:\*:

cpe:2.3:a:vmware:vcenter\_server:6.5:update\_2b:\*:\*:\*:\*:\*:

cpe:2.3:a:vmware:vcenter\_server:6.5:update\_2c:\*:\*:\*:\*:\*:

cpe:2.3:a:vmware:vcenter\_server:6.5:update\_2d:\*:\*:\*:\*:\*:

cpe:2.3:a:vmware:vcenter\_server:6.5:update\_2g:\*:\*:\*:\*:\*:

cpe:2.3:a:vmware:vcenter\_server:6.5:update\_3:\*:\*:\*:\*:\*:

cpe:2.3:a:vmware:vcenter\_server:6.5:update\_3d:\*:\*:\*:\*:\*:

cpe:2.3:a:vmware:vcenter\_server:6.5:update\_3f:\*:\*:\*:\*:\*:







cpe:2.3:a:vmware:vcenter\_server:6.5:update\_3k:\*:\*:\*:\*:\*:

cpe:2.3:a:vmware:vcenter\_server:6.5:update\_3n:\*:\*:\*:\*:\*:

cpe:2.3:a:vmware:vcenter\_server:6.5:update\_3o:\*:\*:\*:\*:\*:

cpe:2.3:a:vmware:vcenter_server:6.5:update_3p:****:
cpe:2.3:a:vmware:vcenter_server:6.5:update_3q:****:
cpe:2.3:a:vmware:vcenter_server:6.7:-:****:
cpe:2.3:a:vmware:vcenter_server:6.7:update_1:****:
cpe:2.3:a:vmware:vcenter_server:6.7:update_1b:****:
cpe:2.3:a:vmware:vcenter_server:6.7:update_2:****:
cpe:2.3:a:vmware:vcenter_server:6.7:update_2a:****:
cpe:2.3:a:vmware:vcenter_server:6.7:update_2c:****:
cpe:2.3:a:vmware:vcenter_server:6.7:update_3:****:
cpe:2.3:a:vmware:vcenter_server:6.7:update_3a:****:
cpe:2.3:a:vmware:vcenter_server:6.7:update_3b:****:
cpe:2.3:a:vmware:vcenter_server:6.7:update_3f:****:
cpe:2.3:a:vmware:vcenter_server:6.7:update_3g:****:
cpe:2.3:a:vmware:vcenter_server:6.7:update_3j:****:
cpe:2.3:a:vmware:vcenter_server:6.7:update_3l:****:
cpe:2.3:a:vmware:vcenter_server:6.7:update_3m:****:
cpe:2.3:a:vmware:vcenter_server:6.7:update_3n:****:
cpe:2.3:a:vmware:vcenter_server:6.7:update_3o:****:

No vendor comments have been submitted for this CVE

Social Mentions		
Source	Title	Posted (UTC)
 @makopicut	VMMSA-2021-0027 が発行されてるけど、どちらも vSphere Web Client (not HTML5) が対象だから、vCenter 7.x は対象外か・w・CVE-2021-21980: arbitrary... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>	2021-11-23 16:50:07
 @EduardKovacs	VMware has patched arbitrary file read and SSRF vulnerabilities in vCenter Server. CVE-2021-21980 <a href="https://securityweek.com/vmware-patches...">securityweek.com/vmware-patches...</a>	2021-11-24 15:52:00
 @IT_news_for_all	VMware vCenter Server updates address arbitrary file read and SSRF vulnerabilities (CVE-2021-21980, CVE-2021-22049)... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>	2021-11-24 16:19:43
 @CVEreport	CVE-2021-21980 : The vSphere Web Client FLEX/Flash contains an unauthorized arbitrary file read vulnerability. A... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>	2021-11-24 17:07:07
 @vulmoncom	VMware vCenter Server arbitrary file read and SSRF vulnerabilities CVE-2021-21980 (arbitrary file read):... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>	2021-11-24 18:58:01
 /r/vulnintel	<a href="#">VMware vCenter Server arbitrary file read and SSRF vulnerabilities</a>	2021-11-24 18:58:05

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