



CVE-2021-31355

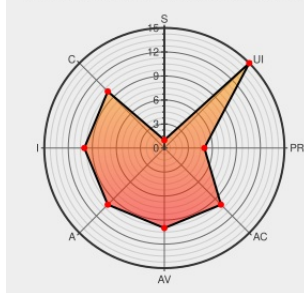
Published on: 10/19/2021 12:00:00 AM UTC

Last Modified on: 10/25/2021 09:59:00 PM UTC

CVE-2021-31355 - advisory for JSA11220

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:N/AC:L/PR:L/UI:R/S:U/C:H/I:H/A:H



Certain versions of [Junos](#) from [Juniper](#) contain the following vulnerability:

A persistent cross-site scripting (XSS) vulnerability in the captive portal graphical user interface of Juniper Networks Junos OS may allow a remote authenticated user to inject web script or HTML and steal sensitive data and credentials from a web administration session, possibly tricking a follow-on administrative user to perform

administrative actions on the device. This issue affects Juniper Networks Junos OS: All versions, including the following supported releases: 12.3X48 versions prior to 12.3X48-D105; 15.1X49 versions prior to 15.1X49-D220; 18.3 versions prior to 18.3R3-S5; 18.4 versions prior to 18.4R3-S9; 19.1 versions prior to 19.1R3-S7; 19.2 versions prior to 19.2R3-S3; 19.3 versions prior to 19.3R3-S4; 19.4 versions prior to 19.4R3-S6; 20.1 versions prior to 20.1R3; 20.2 versions prior to 20.2R1-S1, 20.2R2; 20.3 versions prior to 20.3R2; 20.4 versions prior to 20.4R2; 21.1 versions prior to 21.1R2.

CVE-2021-31355 has been assigned by [J sirt@juniper.net](#) to track the vulnerability - currently rated as **MEDIUM** severity.

Juniper SIRT is not aware of any malicious exploitation of this vulnerability.

Vulnerability Patch/Work Around

There are no viable workarounds for this issue.

CVSS3 Score: **5.4 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	LOW	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
CHANGED	LOW	LOW	NONE

CVSS2 Score: **3.5 - LOW**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	PARTIAL	NONE

CVE References

Description	Tags	Link
2021-10 Security Bulletin: Junos OS: Stored Cross-Site Scripting (XSS) vulnerability in captive portal (CVE-2021-31355) - Juniper Networks	kb.juniper.net text/html	 CONFIRM kb.juniper.net/JSA11220
By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report .		

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Juniper	Junos	12.3x48	-	All	All
Operating System	Juniper	Junos	12.3x48	d10	All	All
Operating System	Juniper	Junos	12.3x48	d100	All	All
Operating System	Juniper	Junos	12.3x48	d15	All	All
Operating System	Juniper	Junos	12.3x48	d20	All	All
Operating System	Juniper	Junos	12.3x48	d25	All	All
Operating System	Juniper	Junos	12.3x48	d30	All	All
Operating System	Juniper	Junos	12.3x48	d35	All	All
Operating System	Juniper	Junos	12.3x48	d40	All	All
Operating System	Juniper	Junos	12.3x48	d45	All	All
Operating System	Juniper	Junos	12.3x48	d50	All	All
Operating System	Juniper	Junos	12.3x48	d51	All	All

Operating System	Juniper	Junos	12.3x48	d55	All	All
Operating System	Juniper	Junos	12.3x48	d60	All	All
Operating System	Juniper	Junos	12.3x48	d65	All	All
Operating System	Juniper	Junos	12.3x48	d66	All	All
Operating System	Juniper	Junos	12.3x48	d70	All	All
Operating System	Juniper	Junos	12.3x48	d75	All	All
Operating System	Juniper	Junos	12.3x48	d80	All	All
Operating System	Juniper	Junos	12.3x48	d85	All	All
Operating System	Juniper	Junos	12.3x48	d90	All	All
Operating System	Juniper	Junos	12.3x48	d95	All	All
Operating System	Juniper	Junos	15.1x49	-	All	All
Operating System	Juniper	Junos	15.1x49	d10	All	All
Operating System	Juniper	Junos	15.1x49	d100	All	All
Operating System	Juniper	Junos	15.1x49	d110	All	All
Operating System	Juniper	Junos	15.1x49	d120	All	All
Operating System	Juniper	Junos	15.1x49	d130	All	All
Operating System	Juniper	Junos	15.1x49	d131	All	All
Operating System	Juniper	Junos	15.1x49	d140	All	All
Operating System	Juniper	Junos	15.1x49	d15	All	All
Operating System	Juniper	Junos	15.1x49	d150	All	All
Operating System	Juniper	Junos	15.1x49	d160	All	All
Operating System	Juniper	Junos	15.1x49	d170	All	All
Operating System	Juniper	Junos	15.1x49	d180	All	All

Operating System	Juniper	Junos	15.1x49	d190	All	All
Operating System	Juniper	Junos	15.1x49	d20	All	All
Operating System	Juniper	Junos	15.1x49	d200	All	All
Operating System	Juniper	Junos	15.1x49	d210	All	All
Operating System	Juniper	Junos	15.1x49	d25	All	All
Operating System	Juniper	Junos	15.1x49	d30	All	All
Operating System	Juniper	Junos	15.1x49	d35	All	All
Operating System	Juniper	Junos	15.1x49	d40	All	All
Operating System	Juniper	Junos	15.1x49	d45	All	All
Operating System	Juniper	Junos	15.1x49	d50	All	All
Operating System	Juniper	Junos	15.1x49	d55	All	All
Operating System	Juniper	Junos	15.1x49	d60	All	All
Operating System	Juniper	Junos	15.1x49	d65	All	All
Operating System	Juniper	Junos	15.1x49	d70	All	All
Operating System	Juniper	Junos	15.1x49	d75	All	All
Operating System	Juniper	Junos	15.1x49	d80	All	All
Operating System	Juniper	Junos	15.1x49	d90	All	All
Operating System	Juniper	Junos	18.3	-	All	All
Operating System	Juniper	Junos	18.3	r1	All	All
Operating System	Juniper	Junos	18.3	r1-s1	All	All
Operating System	Juniper	Junos	18.3	r1-s2	All	All
Operating System	Juniper	Junos	18.3	r1-s3	All	All
Operating System	Juniper	Junos	18.3	r1-s4	All	All

System						
Operating System	Juniper	Junos	18.3	r1-s5	All	All
Operating System	Juniper	Junos	18.3	r1-s6	All	All
Operating System	Juniper	Junos	18.3	r2	All	All
Operating System	Juniper	Junos	18.3	r2-s1	All	All
Operating System	Juniper	Junos	18.3	r2-s2	All	All
Operating System	Juniper	Junos	18.3	r2-s3	All	All
Operating System	Juniper	Junos	18.3	r3	All	All
Operating System	Juniper	Junos	18.3	r3-s1	All	All
Operating System	Juniper	Junos	18.3	r3-s2	All	All
Operating System	Juniper	Junos	18.4	-	All	All
Operating System	Juniper	Junos	18.4	r1	All	All
Operating System	Juniper	Junos	18.4	r1-s1	All	All
Operating System	Juniper	Junos	18.4	r1-s2	All	All
Operating System	Juniper	Junos	18.4	r1-s3	All	All
Operating System	Juniper	Junos	18.4	r1-s4	All	All
Operating System	Juniper	Junos	18.4	r1-s5	All	All
Operating System	Juniper	Junos	18.4	r1-s6	All	All
Operating System	Juniper	Junos	18.4	r1-s7	All	All
Operating System	Juniper	Junos	18.4	r2	All	All
Operating System	Juniper	Junos	18.4	r2-s1	All	All
Operating System	Juniper	Junos	18.4	r2-s2	All	All
Operating System	Juniper	Junos	18.4	r2-s3	All	All
Operating System	Juniper	Junos	18.4	r2-s4	All	All

System						
Operating System	Juniper	Junos	18.4	r3	All	All
Operating System	Juniper	Junos	18.4	r3-s1	All	All
Operating System	Juniper	Junos	18.4	r3-s2	All	All
Operating System	Juniper	Junos	18.4	r3-s3	All	All
Operating System	Juniper	Junos	19.1	-	All	All
Operating System	Juniper	Junos	19.1	r1	All	All
Operating System	Juniper	Junos	19.1	r1-s1	All	All
Operating System	Juniper	Junos	19.1	r1-s2	All	All
Operating System	Juniper	Junos	19.1	r1-s3	All	All
Operating System	Juniper	Junos	19.1	r1-s4	All	All
Operating System	Juniper	Junos	19.1	r1-s5	All	All
Operating System	Juniper	Junos	19.1	r2	All	All
Operating System	Juniper	Junos	19.1	r2-s1	All	All
Operating System	Juniper	Junos	19.1	r3	All	All
Operating System	Juniper	Junos	19.1	r3-s1	All	All
Operating System	Juniper	Junos	19.2	-	All	All
Operating System	Juniper	Junos	19.2	r1	All	All
Operating System	Juniper	Junos	19.2	r1-s1	All	All
Operating System	Juniper	Junos	19.2	r1-s2	All	All
Operating System	Juniper	Junos	19.2	r1-s3	All	All
Operating System	Juniper	Junos	19.2	r1-s4	All	All
Operating System	Juniper	Junos	19.2	r2	All	All
Operating System	Juniper	Junos	19.2	r2-s1	All	All

System						
Operating System	Juniper	Junos	19.3	-	All	All
Operating System	Juniper	Junos	19.3	r1	All	All
Operating System	Juniper	Junos	19.3	r1-s1	All	All
Operating System	Juniper	Junos	19.3	r2	All	All
Operating System	Juniper	Junos	19.3	r2-s1	All	All
Operating System	Juniper	Junos	19.3	r2-s2	All	All
Operating System	Juniper	Junos	19.3	r2-s3	All	All
Operating System	Juniper	Junos	19.4	r1	All	All
Operating System	Juniper	Junos	19.4	r1-s1	All	All
Operating System	Juniper	Junos	19.4	r1-s2	All	All
Operating System	Juniper	Junos	19.4	r2	All	All
Operating System	Juniper	Junos	19.4	r2-s1	All	All
Operating System	Juniper	Junos	20.1	r1	All	All
Operating System	Juniper	Junos	20.1	r1-s1	All	All
Operating System	Juniper	Junos	20.1	r1-s2	All	All
Operating System	Juniper	Junos	20.1	r1-s3	All	All
Operating System	Juniper	Junos	20.1	r1-s4	All	All
Operating System	Juniper	Junos	20.1	r2	All	All
Operating System	Juniper	Junos	20.1	r2-s1	All	All
Operating System	Juniper	Junos	20.1	r2-s2	All	All
Operating System	Juniper	Junos	20.2	r1	All	All
Operating System	Juniper	Junos	20.2	r2	All	All
Operating	Juniper	Junos	20.3	r1	All	All

System						
Operating System	Juniper	Junos	20.3	r1-s1	All	All
Operating System	Juniper	Junos	20.4	r1	All	All
Operating System	Juniper	Junos	20.4	r1-s1	All	All
Operating System	Juniper	Junos	21.1	r1	All	All
Operating System	Juniper	Junos	21.1	r1-s1	All	All
	cpe:2.3:o:juniper:junos:12.3x48:-:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d10:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d100:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d15:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d20:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d25:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d30:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d35:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d40:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d45:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d50:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d51:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d55:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d60:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d65:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d66:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d70:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d75:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d80:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d85:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d90:*:*:*:*:*:					
	cpe:2.3:o:juniper:junos:12.3x48:d95:*:*:*:*:*:					

```
cpe:2.3:o:juniper:junos:15.1x49:-:*:*:*:*:*:
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cpe:2.3:o:juniper:junos:15.1x49:d10:*:*:*:*:*:
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```
cpe:2.3:o:juniper:junos:15.1x49:d100:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d110:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d120:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d130:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d131:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d140:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d15:*.~*~*~*~*~*~*
```

```
cpe:2.3:o:juniper:junos:15.1x49:d150:*:*:*:*:*:
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```
cpe:2.3:o:juniper:junos:15.1x49:d160:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d170:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d180:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d190:*.~*~*~*~*~*~*
```

```
cpe:2.3:o:juniper:junos:15.1x49:d20:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d200:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d210:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d25:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d30:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d35:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d40:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d45:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d50:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d55:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d60:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d65:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d70:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d75:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d80:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d90:*:*:*:*:*:
```

cpe:2.3:o:juniper:junos:18.3:-:*:*:*:*:*:

```
cpe:2.3:o:juniper:junos:18.3:r1:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.3:r1-s1:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.3:r1-s2:*:*:*:*:*:
```

cpe:2.3:o:juniper:junos:18.3:r1-s3:*:*:*:*:*:

```
cpe:2.3:o:juniper:junos:18.3:r1-s4:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.3:r1-s5:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.3:r1-s6:*:*:*:*:*:
```

cpe:2.3:o:juniper:junos:18.3:r2:*:*:*:*:*:

```
cpe:2.3:o:juniper:junos:18.3:r2-s1:*:*:*:*:*:
```

cpe:2.3:o:juniper:junos:18.3:r2-s2:*:*:*:*:*:

```
cpe:2.3:o:juniper:junos:18.3:r2-s3:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.3:r3:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.3:r3-s1:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.3:r3-s2:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.4:-:*:*:*:*:*:
```

cpe:2.3:o:juniper:junos:18.4:r1:*:*:*:*:*:

```
cpe:2.3:o:juniper:junos:18.4:r1-s1:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.4:r1-s2:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.4:r1-s3:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.4:r1-s4:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.4:r1-s5:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.4:r1-s6:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.4:r1-s7:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.4:r2:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.4:r2-s1:*:*:*:*:*:
```

[illegible]

cpe:2.3:o:juniper:junos:18.4:r2-s2:~::~~::~~::
cpe:2.3:o:juniper:junos:18.4:r2-s3:~::~~::~~::
cpe:2.3:o:juniper:junos:18.4:r2-s4:~::~~::~~::
cpe:2.3:o:juniper:junos:18.4:r3:~::~~::~~::
cpe:2.3:o:juniper:junos:18.4:r3-s1:~::~~::~~::
cpe:2.3:o:juniper:junos:18.4:r3-s2:~::~~::~~::
cpe:2.3:o:juniper:junos:18.4:r3-s3:~::~~::~~::
cpe:2.3:o:juniper:junos:19.1:-:~::~~::~~::
cpe:2.3:o:juniper:junos:19.1:r1:~::~~::~~::
cpe:2.3:o:juniper:junos:19.1:r1-s1:~::~~::~~::
cpe:2.3:o:juniper:junos:19.1:r1-s2:~::~~::~~::
cpe:2.3:o:juniper:junos:19.1:r1-s3:~::~~::~~::
cpe:2.3:o:juniper:junos:19.1:r1-s4:~::~~::~~::
cpe:2.3:o:juniper:junos:19.1:r1-s5:~::~~::~~::
cpe:2.3:o:juniper:junos:19.1:r2:~::~~::~~::
cpe:2.3:o:juniper:junos:19.1:r2-s1:~::~~::~~::
cpe:2.3:o:juniper:junos:19.1:r3:~::~~::~~::
cpe:2.3:o:juniper:junos:19.1:r3-s1:~::~~::~~::
cpe:2.3:o:juniper:junos:19.2:-:~::~~::~~::
cpe:2.3:o:juniper:junos:19.2:r1:~::~~::~~::
cpe:2.3:o:juniper:junos:19.2:r1-s1:~::~~::~~::
cpe:2.3:o:juniper:junos:19.2:r1-s2:~::~~::~~::
cpe:2.3:o:juniper:junos:19.2:r1-s3:~::~~::~~::
cpe:2.3:o:juniper:junos:19.2:r1-s4:~::~~::~~::
cpe:2.3:o:juniper:junos:19.2:r2:~::~~::~~::
cpe:2.3:o:juniper:junos:19.2:r2-s1:~::~~::~~::
cpe:2.3:o:juniper:junos:19.3:-:~::~~::~~::
cpe:2.3:o:juniper:junos:19.3:r1:~::~~::~~::
cpe:2.3:o:juniper:junos:19.3:r1-s1:~::~~::~~::

Social Mentions		
Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-31355 : A persistent cross-site scripting #XSS vulnerability in the captive portal graphical user interf... twitter.com/i/web/status/1...	2021-10-19 18:28:55
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