



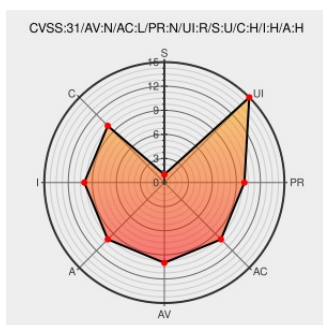
user@device> show log httpd.log | match "=*;*&|=%3b*&" Note that a skilled attacker would likely remove these entries from the local log file, thus effectively eliminating any reliable signature that the device had been attacked. This issue affects Juniper Networks Junos OS 12.3 versions prior to 12.3R12-S16; 12.3X48 versions prior to 12.3X48-D101, 12.3X48-D105; 14.1X53 versions prior to 14.1X53-D54; 15.1 versions prior to 15.1R7-S7; 15.1X49 versions prior to 15.1X49-D211, 15.1X49-D220; 16.1 versions prior to 16.1R7-S8; 17.2 versions prior to 17.2R3-S4; 17.3 versions prior to 17.3R3-S8; 17.4 versions prior to 17.4R2-S11, 17.4R3-S2; 18.1 versions prior to 18.1R3-S10; 18.2 versions prior to 18.2R2-S7, 18.2R3-S4; 18.3 versions prior to 18.3R2-S4, 18.3R3-S2; 18.4 versions prior to 18.4R1-S7, 18.4R3-S2 ; 18.4 version 18.4R2 and later versions; 19.1 versions prior to 19.1R1-S5, 19.1R3-S1; 19.1 version 19.1R2 and later versions; 19.2 versions prior to 19.2R2; 19.3 versions prior to 19.3R2-S3, 19.3R3; 19.4 versions prior to 19.4R1-S2, 19.4R2; 20.1 versions prior to 20.1R1-S1, 20.1R2."> show log httpd.log | match "=*;*&|=%3b*&" If this command returns any output, it might be an indication of malicious attempts or simply scanning activities. Rotated logs should also be reviewed, using the following command: user@device> show log httpd.log.0.gz | match "=*;*&|=%3b*&" user@device> show log httpd.log.1.gz | match "=*;*&|=%3b*&" Note that a skilled attacker would likely remove these entries from the local log file, thus effectively eliminating any reliable signature that the device had been attacked. This issue affects Juniper Networks Junos OS 12.3 versions prior to 12.3R12-S16; 12.3X48 versions prior to 12.3X48-D101, 12.3X48-D105; 14.1X53 versions prior to 14.1X53-D54; 15.1 versions prior to 15.1R7-S7; 15.1X49 versions prior to 15.1X49-D211, 15.1X49-D220; 16.1 versions prior to 16.1R7-S8; 17.2 versions prior to 17.2R3-S4; 17.3 versions prior to 17.3R3-S8; 17.4 versions prior to 17.4R2-S11, 17.4R3-S2; 18.1 versions prior to 18.1R3-S10; 18.2 versions prior to 18.2R2-S7, 18.2R3-S4; 18.3 versions prior to 18.3R2-S4, 18.3R3-S2; 18.4 versions prior to 18.4R1-S7, 18.4R3-S2 ; 18.4 version 18.4R2 and later versions; 19.1 versions prior to 19.1R1-S5, 19.1R3-S1; 19.1 version 19.1R2 and later versions; 19.2 versions prior to 19.2R2; 19.3 versions prior to 19.3R2-S3, 19.3R3; 19.4 versions prior to 19.4R1-S2, 19.4R2; 20.1 versions prior to 20.1R1-S1, 20.1R2." />

CVE-2020-1631

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CVE-2020-1631 - advisory for JSA11021

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

Certain versions of **Junos** from **Juniper** contain the following vulnerability:

A vulnerability in the HTTP/HTTPS service used by J-Web, Web Authentication, Dynamic-VPN (DVPN), Firewall Authentication Pass-Through with Web-Redirect, and Zero Touch Provisioning (ZTP) allows an unauthenticated attacker to perform local file inclusion (LFI) or path traversal. Using this vulnerability, an attacker may be able to inject

commands into the httpd.log, read files with 'world' readable permission file or obtain J-Web session tokens. In the case of command injection, as the HTTP service runs as user 'nobody', the impact of this command injection is limited. (CVSS score 5.3, vector

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:N/A:N) In the case of reading files with 'world' readable permission, in Junos OS 19.3R1 and above, the unauthenticated attacker would be able to read the configuration file. (CVSS score 5.9, vector CVSS:3.1/

AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N) If J-Web is enabled, the attacker could gain the same level of access of anyone actively logged into J-Web. If an administrator is logged in, the attacker could gain administrator access to J-Web. (CVSS score 8.8, vector

CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H) This issue only affects Juniper Networks Junos OS devices with HTTP/HTTPS services enabled. Junos OS devices with HTTP/HTTPS services disabled are not affected. If HTTP/HTTPS services are enabled, the following

services disabled are not affected. If HTTP/HTTPS services are enabled, the following command will show the httpd processes: `user@device> show system processes | match http 5260 - S 0:00.13 /usr/sbin/httpd-gk -N 5797 - I 0:00.10 /usr/sbin/httpd --config /jail/var/etc/httpd.conf` To summarize: If HTTP/HTTPS services are disabled, there is no impact from this vulnerability. If HTTP/HTTPS services are enabled and J-Web is not in use, this vulnerability has a CVSS score of 5.9 (CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N). If J-Web is enabled, this vulnerability has a CVSS score of 8.8 (CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H). Juniper SIRT has received a single report of this vulnerability being exploited in the wild. Out of an abundance of caution, we are notifying customers so they can take appropriate actions. Indicators of Compromise: The `/var/log/httpd.log` may have indicators that commands have injected or files being accessed. The device administrator can look for these indicators by searching for the string patterns `"=*;*&"` or `"*%3b*&"` in `/var/log/httpd.log`, using the following command: `user@device> show log httpd.log | match "=*;*&|=*%3b*&"` If this command returns any output, it might be an indication of malicious attempts or simply scanning activities. Rotated logs should also be reviewed, using the following command: `user@device> show log httpd.log.0.gz | match "=*;*&|=*%3b*&"` `user@device> show log httpd.log.1.gz | match "=*;*&|=*%3b*&"` Note that a skilled attacker would likely remove these entries from the local log file, thus effectively eliminating any reliable signature that the device had been attacked. This issue affects Juniper Networks Junos OS 12.3 versions prior to 12.3R12-S16; 12.3X48 versions prior to 12.3X48-D101, 12.3X48-D105; 14.1X53 versions prior to 14.1X53-D54; 15.1 versions prior to 15.1R7-S7; 15.1X49 versions prior to 15.1X49-D211, 15.1X49-D220; 16.1 versions prior to 16.1R7-S8; 17.2 versions prior to 17.2R3-S4; 17.3 versions prior to 17.3R3-S8; 17.4 versions prior to 17.4R2-S11, 17.4R3-S2; 18.1 versions prior to 18.1R3-S10; 18.2 versions prior to 18.2R2-S7, 18.2R3-S4; 18.3 versions prior to 18.3R2-S4, 18.3R3-S2; 18.4 versions prior to 18.4R1-S7, 18.4R3-S2 ; 18.4 version 18.4R2 and later versions; 19.1 versions prior to 19.1R1-S5, 19.1R3-S1; 19.1 version 19.1R2 and later versions; 19.2 versions prior to 19.2R2; 19.3 versions prior to 19.3R2-S3, 19.3R3; 19.4 versions prior to 19.4R1-S2, 19.4R2; 20.1 versions prior to 20.1R1-S1, 20.1R2.

CVE-2020-1631 has been assigned by [J sirt@juniper.net](mailto:sirt@juniper.net) to track the vulnerability - currently rated as **CRITICAL** severity.

Vulnerability Patch/Work Around

There are no viable workarounds for this issue. It is highly recommended to disable HTTP/HTTPS service and DVPN: `user@device# deactivate system services web-management` `user@device# deactivate security dynamic-vpn` (if DVPN is enabled) `user@device# commit` or allowing HTTP service only on from trusted hosts or networks (refer to <https://kb.juniper.net/KB21265> for details on how to limite HTTP service).

CVSS3 Score: **9.8 - CRITICAL**

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

Impact		Impact	Impact
UNCHANGED		HIGH	HIGH
CVSS2 Score: 6.8 - MEDIUM			
Access Vector		Access Complexity	Authentication
NETWORK		MEDIUM	NONE
Confidentiality Impact		Integrity Impact	Availability Impact
PARTIAL		PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Updated: 2020-04 Out of Cycle Security Advisory: Junos OS: Security vulnerability in J-Web and web based (HTTP/HTTPS) services (CVE-2020-1631) - Juniper Networks	Mitigation Vendor Advisory kb.juniper.net text/html	 CONFIRM kb.juniper.net/JSA11021

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

Exploit/POC from Github

A vulnerability in the HTTP/HTTPS service used by J-Web, Web Authentication, Dynamic-VPN (DVPN), Firewall Authenticat...

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Juniper	Junos	12.3	-	All	All
Operating System	Juniper	Junos	12.3	r1	All	All
Operating System	Juniper	Junos	12.3	r10	All	All
Operating System	Juniper	Junos	12.3	r10-s1	All	All
Operating System	Juniper	Junos	12.3	r10-s2	All	All
Operating System	Juniper	Junos	12.3	r11	All	All
Operating System	Juniper	Junos	12.3	r12	All	All

Operating System	Juniper	Junos	12.3	r12-s1	All	All
Operating System	Juniper	Junos	12.3	r12-s11	All	All
Operating System	Juniper	Junos	12.3	r12-s12	All	All
Operating System	Juniper	Junos	12.3	r12-s13	All	All
Operating System	Juniper	Junos	12.3	r12-s14	All	All
Operating System	Juniper	Junos	12.3	r12-s15	All	All
Operating System	Juniper	Junos	12.3	r12-s3	All	All
Operating System	Juniper	Junos	12.3	r12-s4	All	All
Operating System	Juniper	Junos	12.3	r12-s6	All	All
Operating System	Juniper	Junos	12.3	r12-s8	All	All
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	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	14.1x53	-	All	All
Operating System	Juniper	Junos	14.1x53	d10	All	All
Operating System	Juniper	Junos	14.1x53	d15	All	All
Operating System	Juniper	Junos	14.1x53	d16	All	All
Operating System	Juniper	Junos	14.1x53	d25	All	All
Operating System	Juniper	Junos	14.1x53	d26	All	All
Operating System	Juniper	Junos	14.1x53	d27	All	All
Operating System	Juniper	Junos	14.1x53	d30	All	All
Operating System	Juniper	Junos	14.1x53	d35	All	All
Operating System	Juniper	Junos	14.1x53	d40	All	All
Operating System	Juniper	Junos	14.1x53	d42	All	All
Operating System	Juniper	Junos	14.1x53	d43	All	All
Operating System	Juniper	Junos	14.1x53	d44	All	All
Operating System	Juniper	Junos	14.1x53	d45	All	All
Operating System	Juniper	Junos	14.1x53	d46	All	All

Operating System	Juniper	Junos	14.1x53	d47	All	All
Operating System	Juniper	Junos	14.1x53	d48	All	All
Operating System	Juniper	Junos	14.1x53	d49	All	All
Operating System	Juniper	Junos	14.1x53	d50	All	All
Operating System	Juniper	Junos	14.1x53	d51	All	All
Operating System	Juniper	Junos	14.1x53	d52	All	All
Operating System	Juniper	Junos	14.1x53	d53	All	All
Operating System	Juniper	Junos	15.1	-	All	All
Operating System	Juniper	Junos	15.1	a1	All	All
Operating System	Juniper	Junos	15.1	f	All	All
Operating System	Juniper	Junos	15.1	f1	All	All
Operating System	Juniper	Junos	15.1	f2	All	All
Operating System	Juniper	Junos	15.1	f2-s1	All	All
Operating System	Juniper	Junos	15.1	f2-s2	All	All
Operating System	Juniper	Junos	15.1	f2-s3	All	All
Operating System	Juniper	Junos	15.1	f2-s4	All	All
Operating System	Juniper	Junos	15.1	f3	All	All
Operating System	Juniper	Junos	15.1	f4	All	All
Operating System	Juniper	Junos	15.1	f5	All	All
Operating System	Juniper	Junos	15.1	f5-s7	All	All
Operating System	Juniper	Junos	15.1	f6	All	All
Operating System	Juniper	Junos	15.1	f6-s1	All	All
Operating System	Juniper	Junos	15.1	f6-s12	All	All

System						
Operating System	Juniper	Junos	15.1	f6-s2	All	All
Operating System	Juniper	Junos	15.1	f6-s3	All	All
Operating System	Juniper	Junos	15.1	f6-s4	All	All
Operating System	Juniper	Junos	15.1	f6-s7	All	All
Operating System	Juniper	Junos	15.1	f7	All	All
Operating System	Juniper	Junos	15.1	r1	All	All
Operating System	Juniper	Junos	15.1	r2	All	All
Operating System	Juniper	Junos	15.1	r3	All	All
Operating System	Juniper	Junos	15.1	r4	All	All
Operating System	Juniper	Junos	15.1	r4-s7	All	All
Operating System	Juniper	Junos	15.1	r4-s8	All	All
Operating System	Juniper	Junos	15.1	r4-s9	All	All
Operating System	Juniper	Junos	15.1	r5	All	All
Operating System	Juniper	Junos	15.1	r5-s1	All	All
Operating System	Juniper	Junos	15.1	r5-s5	All	All
Operating System	Juniper	Junos	15.1	r5-s6	All	All
Operating System	Juniper	Junos	15.1	r6	All	All
Operating System	Juniper	Junos	15.1	r6-s1	All	All
Operating System	Juniper	Junos	15.1	r6-s2	All	All
Operating System	Juniper	Junos	15.1	r6-s6	All	All
Operating System	Juniper	Junos	15.1	r7	All	All
Operating System	Juniper	Junos	15.1	r7-s1	All	All
Operating System	Juniper	Junos	15.1	r7-s2	All	All

System						
Operating System	Juniper	Junos	15.1	r7-s3	All	All
Operating System	Juniper	Junos	15.1	r7-s4	All	All
Operating System	Juniper	Junos	15.1	r7-s5	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	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

System						
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	16.1	-	All	All
Operating System	Juniper	Junos	16.1	r1	All	All
Operating System	Juniper	Junos	16.1	r2	All	All
Operating System	Juniper	Junos	16.1	r3	All	All
Operating System	Juniper	Junos	16.1	r3-s10	All	All
Operating System	Juniper	Junos	16.1	r3-s11	All	All
Operating System	Juniper	Junos	16.1	r4	All	All
Operating System	Juniper	Junos	16.1	r4-s12	All	All
Operating System	Juniper	Junos	16.1	r4-s2	All	All
Operating System	Juniper	Junos	16.1	r4-s3	All	All
Operating System	Juniper	Junos	16.1	r4-s4	All	All
Operating System	Juniper	Junos	16.1	r4-s6	All	All
Operating System	Juniper	Junos	16.1	r5	All	All
Operating	Juniper	Junos	16.1	r5-s4	All	All

System						
Operating System	Juniper	Junos	16.1	r6-s1	All	All
Operating System	Juniper	Junos	16.1	r6-s6	All	All
Operating System	Juniper	Junos	16.1	r7	All	All
Operating System	Juniper	Junos	16.1	r7-s2	All	All
Operating System	Juniper	Junos	16.1	r7-s3	All	All
Operating System	Juniper	Junos	16.1	r7-s4	All	All
Operating System	Juniper	Junos	16.1	r7-s5	All	All
Operating System	Juniper	Junos	16.1	r7-s6	All	All
Operating System	Juniper	Junos	16.1	r7-s7	All	All
Operating System	Juniper	Junos	17.2	-	All	All
Operating System	Juniper	Junos	17.2	r1	All	All
Operating System	Juniper	Junos	17.2	r1-s1	All	All
Operating System	Juniper	Junos	17.2	r1-s2	All	All
Operating System	Juniper	Junos	17.2	r1-s3	All	All
Operating System	Juniper	Junos	17.2	r1-s4	All	All
Operating System	Juniper	Junos	17.2	r1-s5	All	All
Operating System	Juniper	Junos	17.2	r1-s7	All	All
Operating System	Juniper	Junos	17.2	r1-s8	All	All
Operating System	Juniper	Junos	17.2	r2	All	All
Operating System	Juniper	Junos	17.2	r2-s11	All	All
Operating System	Juniper	Junos	17.2	r2-s6	All	All
Operating System	Juniper	Junos	17.2	r2-s7	All	All
Operating	Juniper	Junos	17.2	r3-s1	All	All

System						
Operating System	Juniper	Junos	17.2	r3-s2	All	All
Operating System	Juniper	Junos	17.2	r3-s3	All	All
Operating System	Juniper	Junos	17.3	-	All	All
Operating System	Juniper	Junos	17.3	r1-s1	All	All
Operating System	Juniper	Junos	17.3	r2	All	All
Operating System	Juniper	Junos	17.3	r2-s1	All	All
Operating System	Juniper	Junos	17.3	r2-s2	All	All
Operating System	Juniper	Junos	17.3	r2-s3	All	All
Operating System	Juniper	Junos	17.3	r2-s4	All	All
Operating System	Juniper	Junos	17.3	r3	-	All
Operating System	Juniper	Junos	17.3	r3-s1	All	All
Operating System	Juniper	Junos	17.3	r3-s2	All	All
Operating System	Juniper	Junos	17.3	r3-s3	All	All
Operating System	Juniper	Junos	17.3	r3-s4	All	All
Operating System	Juniper	Junos	17.3	r3-s7	All	All
Operating System	Juniper	Junos	17.4	-	All	All
Operating System	Juniper	Junos	17.4	r1	All	All
Operating System	Juniper	Junos	17.4	r1-s1	All	All
Operating System	Juniper	Junos	17.4	r1-s2	All	All
Operating System	Juniper	Junos	17.4	r1-s4	All	All
Operating System	Juniper	Junos	17.4	r1-s5	All	All
Operating System	Juniper	Junos	17.4	r1-s6	All	All
Operating	Juniper	Junos	17.4	r1-s7	All	All

System						
Operating System	Juniper	Junos	17.4	r2	All	All
Operating System	Juniper	Junos	17.4	r2-s1	All	All
Operating System	Juniper	Junos	17.4	r2-s10	All	All
Operating System	Juniper	Junos	17.4	r2-s2	All	All
Operating System	Juniper	Junos	17.4	r2-s3	All	All
Operating System	Juniper	Junos	17.4	r2-s4	All	All
Operating System	Juniper	Junos	17.4	r2-s5	All	All
Operating System	Juniper	Junos	17.4	r2-s6	All	All
Operating System	Juniper	Junos	17.4	r2-s7	All	All
Operating System	Juniper	Junos	17.4	r2-s8	All	All
Operating System	Juniper	Junos	17.4	r2-s9	All	All
Operating System	Juniper	Junos	17.4	r3	All	All
Operating System	Juniper	Junos	17.4	r3-s1	All	All
Operating System	Juniper	Junos	18.1	-	All	All
Operating System	Juniper	Junos	18.1	r2	All	All
Operating System	Juniper	Junos	18.1	r2-s1	All	All
Operating System	Juniper	Junos	18.1	r2-s2	All	All
Operating System	Juniper	Junos	18.1	r2-s4	All	All
Operating System	Juniper	Junos	18.1	r3	All	All
Operating System	Juniper	Junos	18.1	r3-s1	All	All
Operating System	Juniper	Junos	18.1	r3-s2	All	All
Operating System	Juniper	Junos	18.1	r3-s3	All	All
Operating System	Juniper	Junos	18.1	r3-s4	All	All

Operating System	Company	Device	Version	Release	Platform	Architecture
Operating System	Juniper	Junos	18.1	r3-s6	All	All
Operating System	Juniper	Junos	18.1	r3-s7	All	All
Operating System	Juniper	Junos	18.1	r3-s8	All	All
Operating System	Juniper	Junos	18.1	r3-s9	All	All
Operating System	Juniper	Junos	18.2	-	All	All
Operating System	Juniper	Junos	18.2	r1-s3	All	All
Operating System	Juniper	Junos	18.2	r1-s5	All	All
Operating System	Juniper	Junos	18.2	r2-s1	All	All
Operating System	Juniper	Junos	18.2	r2-s2	All	All
Operating System	Juniper	Junos	18.2	r2-s3	All	All
Operating System	Juniper	Junos	18.2	r2-s4	All	All
Operating System	Juniper	Junos	18.2	r2-s5	All	All
Operating System	Juniper	Junos	18.2	r2-s6	All	All
Operating System	Juniper	Junos	18.2	r3	All	All
Operating System	Juniper	Junos	18.2	r3-s1	All	All
Operating System	Juniper	Junos	18.2	r3-s2	All	All
Operating System	Juniper	Junos	18.2	r3-s3	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-s5	All	All

Operating System	Juniper	Junos	18.3	r1-s6	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	18.4	-	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	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	r3	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-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	19.2	-	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	19.3	-	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	19.4	r1	All	All
Operating System	Juniper	Junos	19.4	r1-s1	All	All
Operating System	Juniper	Junos	20.1	r1	All	All
Operating System	Juniper	Junos	12.3	-	All	All
Operating System	Juniper	Junos	12.3	r1	All	All
Operating System	Juniper	Junos	12.3	r10	All	All
Operating System	Juniper	Junos	12.3	r10-s1	All	All
Operating System	Juniper	Junos	12.3	r10-s2	All	All
Operating System	Juniper	Junos	12.3	r10-s3	All	All

Operating System	Juniper	Junos	12.3	r11	All	All
Operating System	Juniper	Junos	12.3	r12	All	All
Operating System	Juniper	Junos	12.3	r12-s1	All	All
Operating System	Juniper	Junos	12.3	r12-s11	All	All
Operating System	Juniper	Junos	12.3	r12-s12	All	All
Operating System	Juniper	Junos	12.3	r12-s13	All	All
Operating System	Juniper	Junos	12.3	r12-s14	All	All
Operating System	Juniper	Junos	12.3	r12-s15	All	All
Operating System	Juniper	Junos	12.3	r12-s3	All	All
Operating System	Juniper	Junos	12.3	r12-s4	All	All
Operating System	Juniper	Junos	12.3	r12-s6	All	All
Operating System	Juniper	Junos	12.3	r12-s8	All	All
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	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	14.1x53	-	All	All
Operating System	Juniper	Junos	14.1x53	d10	All	All
Operating System	Juniper	Junos	14.1x53	d15	All	All
Operating System	Juniper	Junos	14.1x53	d16	All	All
Operating System	Juniper	Junos	14.1x53	d25	All	All
Operating System	Juniper	Junos	14.1x53	d26	All	All
Operating System	Juniper	Junos	14.1x53	d27	All	All
Operating System	Juniper	Junos	14.1x53	d30	All	All
Operating System	Juniper	Junos	14.1x53	d35	All	All
Operating System	Juniper	Junos	14.1x53	d40	All	All
Operating System	Juniper	Junos	14.1x53	d42	All	All
Operating System	Juniper	Junos	14.1x53	d43	All	All
Operating System	Juniper	Junos	14.1x53	d44	All	All

Operating System	Juniper	Junos	14.1x53	d45	All	All
Operating System	Juniper	Junos	14.1x53	d46	All	All
Operating System	Juniper	Junos	14.1x53	d47	All	All
Operating System	Juniper	Junos	14.1x53	d48	All	All
Operating System	Juniper	Junos	14.1x53	d49	All	All
Operating System	Juniper	Junos	14.1x53	d50	All	All
Operating System	Juniper	Junos	14.1x53	d51	All	All
Operating System	Juniper	Junos	14.1x53	d52	All	All
Operating System	Juniper	Junos	14.1x53	d53	All	All
Operating System	Juniper	Junos	15.1	-	All	All
Operating System	Juniper	Junos	15.1	a1	All	All
Operating System	Juniper	Junos	15.1	f	All	All
Operating System	Juniper	Junos	15.1	f1	All	All
Operating System	Juniper	Junos	15.1	f2	All	All
Operating System	Juniper	Junos	15.1	f2-s1	All	All
Operating System	Juniper	Junos	15.1	f2-s2	All	All
Operating System	Juniper	Junos	15.1	f2-s3	All	All
Operating System	Juniper	Junos	15.1	f2-s4	All	All
Operating System	Juniper	Junos	15.1	f3	All	All
Operating System	Juniper	Junos	15.1	f4	All	All
Operating System	Juniper	Junos	15.1	f5	All	All
Operating System	Juniper	Junos	15.1	f5-s7	All	All
Operating System	Juniper	Junos	15.1	f6	All	All

Operating System	Juniper	Junos	15.1	f6-s1	All	All
Operating System	Juniper	Junos	15.1	f6-s12	All	All
Operating System	Juniper	Junos	15.1	f6-s2	All	All
Operating System	Juniper	Junos	15.1	f6-s3	All	All
Operating System	Juniper	Junos	15.1	f6-s4	All	All
Operating System	Juniper	Junos	15.1	f6-s7	All	All
Operating System	Juniper	Junos	15.1	f7	All	All
Operating System	Juniper	Junos	15.1	r1	All	All
Operating System	Juniper	Junos	15.1	r2	All	All
Operating System	Juniper	Junos	15.1	r3	All	All
Operating System	Juniper	Junos	15.1	r4	All	All
Operating System	Juniper	Junos	15.1	r4-s7	All	All
Operating System	Juniper	Junos	15.1	r4-s8	All	All
Operating System	Juniper	Junos	15.1	r4-s9	All	All
Operating System	Juniper	Junos	15.1	r5	All	All
Operating System	Juniper	Junos	15.1	r5-s1	All	All
Operating System	Juniper	Junos	15.1	r5-s5	All	All
Operating System	Juniper	Junos	15.1	r5-s6	All	All
Operating System	Juniper	Junos	15.1	r6	All	All
Operating System	Juniper	Junos	15.1	r6-s1	All	All
Operating System	Juniper	Junos	15.1	r6-s2	All	All
Operating System	Juniper	Junos	15.1	r6-s6	All	All
Operating System	Juniper	Junos	15.1	r7	All	All

Operating System	Juniper	Junos	15.1	r7-s1	All	All
Operating System	Juniper	Junos	15.1	r7-s2	All	All
Operating System	Juniper	Junos	15.1	r7-s3	All	All
Operating System	Juniper	Junos	15.1	r7-s4	All	All
Operating System	Juniper	Junos	15.1	r7-s5	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	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	16.1	-	All	All
Operating System	Juniper	Junos	16.1	r1	All	All
Operating System	Juniper	Junos	16.1	r2	All	All
Operating System	Juniper	Junos	16.1	r3	All	All
Operating System	Juniper	Junos	16.1	r3-s10	All	All
Operating System	Juniper	Junos	16.1	r3-s11	All	All
Operating System	Juniper	Junos	16.1	r4	All	All
Operating System	Juniper	Junos	16.1	r4-s12	All	All
Operating System	Juniper	Junos	16.1	r4-s2	All	All
Operating System	Juniper	Junos	16.1	r4-s3	All	All
Operating System	Juniper	Junos	16.1	r4-s4	All	All
Operating System	Juniper	Junos	16.1	r4-s6	All	All

Operating System	Juniper	Junos	16.1	r5	All	All
Operating System	Juniper	Junos	16.1	r5-s4	All	All
Operating System	Juniper	Junos	16.1	r6-s1	All	All
Operating System	Juniper	Junos	16.1	r6-s6	All	All
Operating System	Juniper	Junos	16.1	r7	All	All
Operating System	Juniper	Junos	16.1	r7-s2	All	All
Operating System	Juniper	Junos	16.1	r7-s3	All	All
Operating System	Juniper	Junos	16.1	r7-s4	All	All
Operating System	Juniper	Junos	16.1	r7-s5	All	All
Operating System	Juniper	Junos	16.1	r7-s6	All	All
Operating System	Juniper	Junos	16.1	r7-s7	All	All
Operating System	Juniper	Junos	17.2	-	All	All
Operating System	Juniper	Junos	17.2	r1	All	All
Operating System	Juniper	Junos	17.2	r1-s1	All	All
Operating System	Juniper	Junos	17.2	r1-s2	All	All
Operating System	Juniper	Junos	17.2	r1-s3	All	All
Operating System	Juniper	Junos	17.2	r1-s4	All	All
Operating System	Juniper	Junos	17.2	r1-s5	All	All
Operating System	Juniper	Junos	17.2	r1-s7	All	All
Operating System	Juniper	Junos	17.2	r1-s8	All	All
Operating System	Juniper	Junos	17.2	r2	All	All
Operating System	Juniper	Junos	17.2	r2-s11	All	All
Operating System	Juniper	Junos	17.2	r2-s6	All	All

Operating System	Juniper	Junos	17.2	r2-s7	All	All
Operating System	Juniper	Junos	17.2	r3-s1	All	All
Operating System	Juniper	Junos	17.2	r3-s2	All	All
Operating System	Juniper	Junos	17.2	r3-s3	All	All
Operating System	Juniper	Junos	17.3	-	All	All
Operating System	Juniper	Junos	17.3	r1-s1	All	All
Operating System	Juniper	Junos	17.3	r2	All	All
Operating System	Juniper	Junos	17.3	r2-s1	All	All
Operating System	Juniper	Junos	17.3	r2-s2	All	All
Operating System	Juniper	Junos	17.3	r2-s3	All	All
Operating System	Juniper	Junos	17.3	r2-s4	All	All
Operating System	Juniper	Junos	17.3	r3	-	All
Operating System	Juniper	Junos	17.3	r3-s1	All	All
Operating System	Juniper	Junos	17.3	r3-s2	All	All
Operating System	Juniper	Junos	17.3	r3-s3	All	All
Operating System	Juniper	Junos	17.3	r3-s4	All	All
Operating System	Juniper	Junos	17.3	r3-s7	All	All
Operating System	Juniper	Junos	17.4	-	All	All
Operating System	Juniper	Junos	17.4	r1	All	All
Operating System	Juniper	Junos	17.4	r1-s1	All	All
Operating System	Juniper	Junos	17.4	r1-s2	All	All
Operating System	Juniper	Junos	17.4	r1-s4	All	All
Operating System	Juniper	Junos	17.4	r1-s5	All	All

Operating System	Juniper	Junos	17.4	r1-s6	All	All
Operating System	Juniper	Junos	17.4	r1-s7	All	All
Operating System	Juniper	Junos	17.4	r2	All	All
Operating System	Juniper	Junos	17.4	r2-s1	All	All
Operating System	Juniper	Junos	17.4	r2-s10	All	All
Operating System	Juniper	Junos	17.4	r2-s2	All	All
Operating System	Juniper	Junos	17.4	r2-s3	All	All
Operating System	Juniper	Junos	17.4	r2-s4	All	All
Operating System	Juniper	Junos	17.4	r2-s5	All	All
Operating System	Juniper	Junos	17.4	r2-s6	All	All
Operating System	Juniper	Junos	17.4	r2-s7	All	All
Operating System	Juniper	Junos	17.4	r2-s8	All	All
Operating System	Juniper	Junos	17.4	r2-s9	All	All
Operating System	Juniper	Junos	17.4	r3	All	All
Operating System	Juniper	Junos	17.4	r3-s1	All	All
Operating System	Juniper	Junos	18.1	-	All	All
Operating System	Juniper	Junos	18.1	r2	All	All
Operating System	Juniper	Junos	18.1	r2-s1	All	All
Operating System	Juniper	Junos	18.1	r2-s2	All	All
Operating System	Juniper	Junos	18.1	r2-s4	All	All
Operating System	Juniper	Junos	18.1	r3	All	All
Operating System	Juniper	Junos	18.1	r3-s1	All	All
Operating System	Juniper	Junos	18.1	r3-s2	All	All

Operating System	Juniper	Junos	18.1	r3-s3	All	All
Operating System	Juniper	Junos	18.1	r3-s4	All	All
Operating System	Juniper	Junos	18.1	r3-s6	All	All
Operating System	Juniper	Junos	18.1	r3-s7	All	All
Operating System	Juniper	Junos	18.1	r3-s8	All	All
Operating System	Juniper	Junos	18.1	r3-s9	All	All
Operating System	Juniper	Junos	18.2	-	All	All
Operating System	Juniper	Junos	18.2	r1-s3	All	All
Operating System	Juniper	Junos	18.2	r1-s5	All	All
Operating System	Juniper	Junos	18.2	r2-s1	All	All
Operating System	Juniper	Junos	18.2	r2-s2	All	All
Operating System	Juniper	Junos	18.2	r2-s3	All	All
Operating System	Juniper	Junos	18.2	r2-s4	All	All
Operating System	Juniper	Junos	18.2	r2-s5	All	All
Operating System	Juniper	Junos	18.2	r2-s6	All	All
Operating System	Juniper	Junos	18.2	r3	All	All
Operating System	Juniper	Junos	18.2	r3-s1	All	All
Operating System	Juniper	Junos	18.2	r3-s2	All	All
Operating System	Juniper	Junos	18.2	r3-s3	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

System						
Operating System	Juniper	Junos	18.3	r1-s3	All	All
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	18.4	-	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	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	r3	All	All
Operating System	Juniper	Junos	19.1	-	All	All

	System					
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	19.2	-	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	19.3	-	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	19.4	r1	All	All
Operating System	Juniper	Junos	19.4	r1-s1	All	All
Operating System	Juniper	Junos	20.1	r1	All	All
cpe:2.3:o:juniper:junos:12.3:-:*:*:*:*:						
cpe:2.3:o:juniper:junos:12.3:r1:*:*:*:*:						
cpe:2.3:o:juniper:junos:12.3:r10:*:*:*:*:						
cpe:2.3:o:juniper:junos:12.3:r10-s1:*:*:*:*:						

cpe:2.3:o:juniper:junos:12.3:r10-s2:::~

```
cpe:2.3:o:juniper:junos:12.3:r11:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.3:r12:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.3:r12-s1:*.~*~*~*~*~*~*
```

```
cpe:2.3:o:juniper:junos:12.3:r12-s11:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.3:r12-s12:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.3:r12-s13:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.3:r12-s14:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.3:r12-s15:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.3:r12-s3:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.3:r12-s4:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.3:r12-s6:*:*:*:*:*:
```

cpe:2.3:o:juniper:junos:12.3:r12-s8:*:*:*:*:*:

```
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: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:14.1x53:-~::~:
cpe:2.3:o:juniper:junos:14.1x53:d10:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d15:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d16:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d25:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d26:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d27:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d30:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d35:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d40:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d42:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d43:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d44:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d45:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d46:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d47:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d48:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d49:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d50:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d51:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d52:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d53:~::~:
cpe:2.3:o:juniper:junos:15.1:-~::~:

cpe:2.3:o:juniper:junos:15.1:a1:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:f:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:f1:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:f2:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:f2-s1:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:f2-s2:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:f2-s3:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:f2-s4:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:f3:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:f4:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:f5:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:f5-s7:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:f6:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:f6-s1:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:f6-s12:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:f6-s2:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:f6-s3:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:f6-s4:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:f6-s7:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:f7:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:r1:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:r2:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:r3:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:r4:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:r4-s7:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:r4-s8:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:r4-s9:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:r5:~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:r5-s1:~::~~::~~::~~::

cpe:2.3:o:juniper:junos:15.1:r5-s5:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1:r5-s6:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1:r6:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1:r6-s1:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1:r6-s2:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1:r6-s6:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1:r7:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1:r7-s1:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1:r7-s2:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1:r7-s3:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1:r7-s4:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1:r7-s5:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1x49:-:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1x49:d10:~::~~::~~::~~::~::
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:d140:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1x49:d15:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1x49:d150:~::~~::~~::~~::~::
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:16.1:-:~::~~::~~::
cpe:2.3:o:juniper:junos:16.1:r1:~::~~::~~::
cpe:2.3:o:juniper:junos:16.1:r2:~::~~::~~::
cpe:2.3:o:juniper:junos:16.1:r3:~::~~::~~::
cpe:2.3:o:juniper:junos:16.1:r3-s10:~::~~::~~::
cpe:2.3:o:juniper:junos:16.1:r3-s11:~::~~::~~::
cpe:2.3:o:juniper:junos:16.1:r4:~::~~::~~::
cpe:2.3:o:juniper:junos:16.1:r4-s12:~::~~::~~::
cpe:2.3:o:juniper:junos:16.1:r4-s2:~::~~::~~::
cpe:2.3:o:juniper:junos:16.1:r4-s3:~::~~::~~::
cpe:2.3:o:juniper:junos:16.1:r4-s4:~::~~::~~::
cpe:2.3:o:juniper:junos:16.1:r4-s6:~::~~::~~::
cpe:2.3:o:juniper:junos:16.1:r5:~::~~::~~::
cpe:2.3:o:juniper:junos:16.1:r5-s4:~::~~::~~::
cpe:2.3:o:juniper:junos:16.1:r6-s1:~::~~::~~::
cpe:2.3:o:iuniper:iunos:16.1:r6-s6:~::~~::~~::

cpe:2.3:o:juniper:junos:16.1:r7:*:*:*:*:
cpe:2.3:o:juniper:junos:16.1:r7-s2:*:*:*:*:
cpe:2.3:o:juniper:junos:16.1:r7-s3:*:*:*:*:
cpe:2.3:o:juniper:junos:16.1:r7-s4:*:*:*:*:
cpe:2.3:o:juniper:junos:16.1:r7-s5:*:*:*:*:
cpe:2.3:o:juniper:junos:16.1:r7-s6:*:*:*:*:
cpe:2.3:o:juniper:junos:16.1:r7-s7:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:-:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r1:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r1-s1:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r1-s2:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r1-s3:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r1-s4:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r1-s5:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r1-s7:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r1-s8:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r2:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r2-s11:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r2-s6:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r2-s7:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r3-s1:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r3-s2:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r3-s3:*:*:*:*:
cpe:2.3:o:juniper:junos:17.3:-:*:*:*:*:
cpe:2.3:o:juniper:junos:17.3:r1-s1:*:*:*:*:
cpe:2.3:o:juniper:junos:17.3:r2:*:*:*:*:
cpe:2.3:o:juniper:junos:17.3:r2-s1:*:*:*:*:
cpe:2.3:o:juniper:junos:17.3:r2-s2:*:*:*:*:

cpe:2.3:o:juniper:junos:17.3:r2-s3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r2-s4:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r3:-~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r3-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r3-s2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r3-s3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r3-s4:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.3:r3-s7:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:-~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1-s2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1-s4:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1-s5:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1-s6:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r1-s7:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s10:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s4:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s5:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s6:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s7:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s8:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r2-s9:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:17.4:r3-s1:~::~~::~~::~~::~~::~~::

cpe:2.3:o:juniper:junos:17.4:r3-s1:*****:
cpe:2.3:o:juniper:junos:18.1:-:*****:
cpe:2.3:o:juniper:junos:18.1:r2:*****:
cpe:2.3:o:juniper:junos:18.1:r2-s1:*****:
cpe:2.3:o:juniper:junos:18.1:r2-s2:*****:
cpe:2.3:o:juniper:junos:18.1:r2-s4:*****:
cpe:2.3:o:juniper:junos:18.1:r3:*****:
cpe:2.3:o:juniper:junos:18.1:r3-s1:*****:
cpe:2.3:o:juniper:junos:18.1:r3-s2:*****:
cpe:2.3:o:juniper:junos:18.1:r3-s3:*****:
cpe:2.3:o:juniper:junos:18.1:r3-s4:*****:
cpe:2.3:o:juniper:junos:18.1:r3-s6:*****:
cpe:2.3:o:juniper:junos:18.1:r3-s7:*****:
cpe:2.3:o:juniper:junos:18.1:r3-s8:*****:
cpe:2.3:o:juniper:junos:18.1:r3-s9:*****:
cpe:2.3:o:juniper:junos:18.2:-:*****:
cpe:2.3:o:juniper:junos:18.2:r1-s3:*****:
cpe:2.3:o:juniper:junos:18.2:r1-s5:*****:
cpe:2.3:o:juniper:junos:18.2:r2-s1:*****:
cpe:2.3:o:juniper:junos:18.2:r2-s2:*****:
cpe:2.3:o:juniper:junos:18.2:r2-s3:*****:
cpe:2.3:o:juniper:junos:18.2:r2-s4:*****:
cpe:2.3:o:juniper:junos:18.2:r2-s5:*****:
cpe:2.3:o:juniper:junos:18.2:r2-s6:*****:
cpe:2.3:o:juniper:junos:18.2:r3:*****:
cpe:2.3:o:juniper:junos:18.2:r3-s1:*****:
cpe:2.3:o:juniper:junos:18.2:r3-s2:*****:
cpe:2.3:o:juniper:junos:18.2:r3-s3:*****:
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-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:18.4:-:~::~:
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:r2:~::~:
cpe:2.3:o:juniper:junos:18.4:r2-s1:~::~:
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:r3:~::~:
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:19.2:-:~::~~::~~::~~::~~::~~::
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:19.3:-:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.3:r1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.3:r1-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.3:r2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.3:r2-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.3:r2-s2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.4:r1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:19.4:r1-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:20.1:r1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:12.3:-:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:12.3:r1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:12.3:r10:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:12.3:r10-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:12.3:r10-s2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:12.3:r11:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:12.3:r12:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:12.3:r12-s1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:12.3:r12-s11:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:12.3:r12-s12:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:12.3:r12-s13:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:12.3:r12-s14:~::~~::~~::~~::~~::~~::

cpe:2.3:o:juniper:junos:12.3:r12-s15:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:12.3:r12-s3:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:12.3:r12-s4:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:12.3:r12-s6:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:12.3:r12-s8:~::~~::~~::~~::~~::~~::
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: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:14.1x53:-:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:14.1x53:d10:~::~~::~~::~~::~~::~~::

cpe:2.3:o:juniper:junos:14.1x53:d15:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d16:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d25:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d26:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d27:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d30:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d35:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d40:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d42:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d43:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d44:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d45:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d46:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d47:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d48:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d49:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d50:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d51:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d52:~::~:
cpe:2.3:o:juniper:junos:14.1x53:d53:~::~:
cpe:2.3:o:juniper:junos:15.1:-:~::~:
cpe:2.3:o:juniper:junos:15.1:a1:~::~:
cpe:2.3:o:juniper:junos:15.1:f:~::~:
cpe:2.3:o:juniper:junos:15.1:f1:~::~:
cpe:2.3:o:juniper:junos:15.1:f2:~::~:
cpe:2.3:o:juniper:junos:15.1:f2-s1:~::~:
cpe:2.3:o:juniper:junos:15.1:f2-s2:~::~:
cpe:2.3:o:juniper:junos:15.1:f2-s3:~::~:
cpe:2.3:o:juniper:junos:15.1:f2-s4:~::~:

cpe:2.3:o:juniper:junos:15.1:f3:*****:
cpe:2.3:o:juniper:junos:15.1:f4:*****:
cpe:2.3:o:juniper:junos:15.1:f5:*****:
cpe:2.3:o:juniper:junos:15.1:f5-s7:*****:
cpe:2.3:o:juniper:junos:15.1:f6:*****:
cpe:2.3:o:juniper:junos:15.1:f6-s1:*****:
cpe:2.3:o:juniper:junos:15.1:f6-s12:*****:
cpe:2.3:o:juniper:junos:15.1:f6-s2:*****:
cpe:2.3:o:juniper:junos:15.1:f6-s3:*****:
cpe:2.3:o:juniper:junos:15.1:f6-s4:*****:
cpe:2.3:o:juniper:junos:15.1:f6-s7:*****:
cpe:2.3:o:juniper:junos:15.1:f7:*****:
cpe:2.3:o:juniper:junos:15.1:r1:*****:
cpe:2.3:o:juniper:junos:15.1:r2:*****:
cpe:2.3:o:juniper:junos:15.1:r3:*****:
cpe:2.3:o:juniper:junos:15.1:r4:*****:
cpe:2.3:o:juniper:junos:15.1:r4-s7:*****:
cpe:2.3:o:juniper:junos:15.1:r4-s8:*****:
cpe:2.3:o:juniper:junos:15.1:r4-s9:*****:
cpe:2.3:o:juniper:junos:15.1:r5:*****:
cpe:2.3:o:juniper:junos:15.1:r5-s1:*****:
cpe:2.3:o:juniper:junos:15.1:r5-s5:*****:
cpe:2.3:o:juniper:junos:15.1:r5-s6:*****:
cpe:2.3:o:juniper:junos:15.1:r6:*****:
cpe:2.3:o:juniper:junos:15.1:r6-s1:*****:
cpe:2.3:o:juniper:junos:15.1:r6-s2:*****:
cpe:2.3:o:juniper:junos:15.1:r6-s6:*****:
cpe:2.3:o:juniper:junos:15.1:r7:*****:

cpe:2.3:o:juniper:junos:15.1:r7-s1:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:r7-s2:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:r7-s3:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:r7-s4:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1:r7-s5:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1x49:-~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1x49:d10:~::~~::~~::~~::~~::
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:d140:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1x49:d15:~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:15.1x49:d150:~::~~::~~::~~::~~::
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:2.3.0:juniper:junos:13.1x49.u00. . . . .

```

```
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:16.1:-:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r1:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r2:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r3:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r3-s10:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r3-s11:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r4:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r4-s12:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r4-s2:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r4-s3:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r4-s4:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r4-s6:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r5:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r5-s4:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r6-s1:*.~*~*~*~*~*~*
```

```
cpe:2.3:o:juniper:junos:16.1:r6-s6:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r7:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r7-s2:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r7-s3:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r7-s4:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r7-s5:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r7-s6:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:16.1:r7-s7:*:*:*:*:
```

cpe:2.3:o:juniper:junos:17.2:-:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r1:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r1-s1:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r1-s2:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r1-s3:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r1-s4:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r1-s5:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r1-s7:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r1-s8:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r2:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r2-s11:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r2-s6:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r2-s7:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r3-s1:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r3-s2:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.2:r3-s3:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.3:-:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.3:r1-s1:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.3:r2:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.3:r2-s1:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.3:r2-s2:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.3:r2-s3:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.3:r2-s4:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.3:r3:-:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.3:r3-s1:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.3:r3-s2:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.3:r3-s3:*:*:*:*:*:
cpe:2.3:o:juniper:junos:17.3:r3-s4:*:*:*:*:*:

```
cpe:2.3:o:juniper:junos:17.3:r3-s7:*:*:*:*:*:
```

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cpe:2.3:o:juniper:junos:17.4:-:*:*:*:*:*:
```

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cpe:2.3:o:juniper:junos:17.4:r1:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:17.4:r1-s1:*:*:*:*:*:
```

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cpe:2.3:o:juniper:junos:17.4:r1-s2:*:*:*:*:*:
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cpe:2.3:o:juniper:junos:17.4:r1-s4:*:*:*:*:*:
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cpe:2.3:o:juniper:junos:17.4:r1-s5:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:17.4:r1-s6:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:17.4:r1-s7:*:*:*:*:*:
```

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cpe:2.3:o:juniper:junos:17.4:r2:*:*:*:*:*:
```

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cpe:2.3:o:juniper:junos:17.4:r2-s10:*:*:*:*:*:
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cpe:2.3:o:juniper:junos:17.4:r2-s3:*:*:*:*:*:

```
cpe:2.3:o:juniper:junos:17.4:r2-s4:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:17.4:r2-s5:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:17.4:r2-s6:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:17.4:r2-s7:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:17.4:r2-s8:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:17.4:r2-s9:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:17.4:r3:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:17.4:r3-s1:*.~*~*~*~*~*~*
```

```
cpe:2.3:o:juniper:junos:18.1:-:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.1:r2:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.1:r2-s1:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.1:r2-s2:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:18.1:r2-s4:*:*:*:*:*:
```

cpe:2.3:o:juniper:junos:18.1:r3:*:*:*:*:*:

```
cpe:2.3:o:juniper:junos:18.1:r3-s1:*:*:*:*:*:
```

cpe:2.3:o:juniper:junos:18.1:r3-s2:~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r3-s3:~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r3-s4:~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r3-s6:~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r3-s7:~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r3-s8:~::~~::~~::
cpe:2.3:o:juniper:junos:18.1:r3-s9:~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:-:~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r1-s3:~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r1-s5:~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r2-s1:~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r2-s2:~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r2-s3:~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r2-s4:~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r2-s5:~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r2-s6:~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r3:~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r3-s1:~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r3-s2:~::~~::~~::
cpe:2.3:o:juniper:junos:18.2:r3-s3:~::~~::~~::
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-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:18.4:-:~::~~::~~::~~::~~::~~::
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:~::~~::~~::~~::~~::~~::
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cpe:2.3:o:juniper:junos:18.4:r2-s2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:juniper:junos:18.4:r2-s3:~::~~::~~::~~::~~::~~::
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cpe:2.3:o:juniper:junos:19.1:r1:~::~~::~~::~~::~~::~~::
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cpe:2.3:o:juniper:junos:19.1:r1-s3:~::~~::~~::~~::~~::~~::
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cpe:2.3:o:juniper:junos:19.3:-:*:*:*:*:
cpe:2.3:o:juniper:junos:19.3:r1:*:*:*:*:
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Discovery Credit

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