

**Component:** Bea WebLogic**CVSS Score:** 5.8**CVE-2004-2320:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2004-2320>

The default configuration of BEA WebLogic Server and Express 8.1 SP2 and earlier, 7.0 SP4 and earlier, 6.1 through SP6, and 5.1 through SP13 responds to the HTTP TRACE request, which can allow remote attackers to steal information using cross-site tracing (XST) attacks in applications that are vulnerable to cross-site scripting.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Sun Java System**CVSS Score:** 4.8**CVE-2010-0386:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2010-0386>

The default configuration of Sun Java System Application Server 7 and 7 2004Q2 enables the HTTP TRACE method, which makes it easier for remote attackers to steal cookies and authentication credentials via a cross-site tracing (XST) attack, a related issue to CVE-2004-2763 and CVE-2005-3398.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** OpenVPN**CVSS Score:** 6.9**CVE-2014-5455:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2014-5455>

Unquoted Windows search path vulnerability in the ptservice service in PrivateTunnel 2.3.8, as bundled in OpenVPN 2.1.28.0 allows local users to gain privileges via a crafted program.exe file in the %SYSTEMDRIVE% folder.

Product	Current Assessment
Brocade 5400 vRouter	Under Investigation
Brocade 5600 vRouter	Under Investigation
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** OpenSSH**CVSS Score:** 4.3**CVE-2015-5352:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2015-5352>

The x11\_open\_helper function in channels.c in ssh in OpenSSH before 6.9, when ForwardX11Trusted mode is not used, lacks a check of the refusal deadline for X connections, which makes it easier for remote attackers to bypass intended access restrictions via a connection outside of the permitted time window.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R13.
Brocade 5600 vRouter	Impacted - Fixed in 17.1.0.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Impacted - Fixed in 8.0.1 and 7.4.1d.
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Under investigation
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Under Investigation
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 10.3, 9.9r1, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Linux Kernel**CVSS Score:** 4.6**CVE-2015-7566:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2015-7566>

The clie\_5\_attach function in drivers/usb/serial/visor.c in the Linux kernel through 4.4.1 allows physically proximate attackers to cause a denial of service (NULL pointer dereference and system crash) or possibly have unspecified other impact by inserting a USB device that lacks a bulk-out endpoint.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R12.
Brocade 5600 vRouter	Impacted - Fixed in 5.2R2.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 10.4, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Linux Kernel**CVSS Score:** 4.6**CVE-2015-8785:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2015-8785>

The fuse\_fill\_write\_pages function in fs/fuse/file.c in the Linux kernel before 4.4 allows local users to cause a denial of service (infinite loop) via a writev system call that triggers a zero length for the first segment of an iov. <https://lists.debian.org/debian-security-announce/2016/msg00075.html>.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R12.
Brocade 5600 vRouter	Impacted - Fixed in 4.2R1.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Under Investigation
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Under investigation
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Impacted - Fixed in 2.4 and later.
Brocade Virtual ADX	Under Investigation
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 10.4, 10.3r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Linux Kernel**CVSS Score:** 9.8**CVE-2015-8812:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2015-8812>

drivers/infiniband/hw/cxgb3/iwch\_cm.c in the Linux kernel before 4.5 does not properly identify error conditions, which allows remote attackers to execute arbitrary code or cause a denial of service (use-after-free) via crafted packets.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R12.
Brocade 5600 vRouter	Impacted - Fixed in 4.2R1.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade Virtual ADX	Under Investigation
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.0, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Linux Kernel**CVSS Score:** 6.8**CVE-2016-0723:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-0723>

Race condition in the tty\_ioctl function in drivers/tty/tty\_io.c in the Linux kernel through 4.4.1 allows local users to obtain sensitive information from kernel memory or cause a denial of service (use-after-free and system crash) by making a TIOCGETD ioctl call during processing of a TIOCSETD ioctl call.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R12.
Brocade 5600 vRouter	Impacted - Fixed in 4.2R1.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Under Investigation
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Under Investigation
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Under Investigation
Brocade Virtual ADX	Under Investigation
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 10.4, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation



**Component:** Linux Kernel**CVSS Score:** 6.8**CVE-2016-0774:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-0774>

The (1) pipe\_read and (2) pipe\_write implementations in fs/pipe.c in a certain Linux kernel backport in the linux package before 3.2.73-2+deb7u3 on Debian wheezy and the kernel package before 3.10.0-229.26.2 on Red Hat Enterprise Linux (RHEL) 7.1 do not properly consider the side effects of failed \_\_copy\_to\_user\_inatomic and \_\_copy\_from\_user\_inatomic calls, which allows local users to cause a denial of service (system crash) or possibly gain privileges via a crafted application, aka an "I/O vector array overrun." NOTE: this vulnerability exists because of an incorrect fix for CVE-2015-1805.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R12.
Brocade 5600 vRouter	Impacted - Fixed in 4.2R1.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Under Investigation
Brocade Virtual ADX	Under Investigation
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.0, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Perl**CVSS Score:** 7.8**CVE-2016-1238:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-1238>

(1) cpan/Archive-Tar/bin/ptar, (2) cpan/Archive-Tar/bin/ptardiff, (3) cpan/Archive-Tar/bin/ptargrep, (4) cpan/CPAN/scripts/cpan, (5) cpan/Digest-SHA/shasum, (6) cpan/Encode/bin/enc2xs, (7) cpan/Encode/bin/encguess, (8) cpan/Encode/bin/piconv, (9) cpan/Encode/bin/ucmlint, (10) cpan/Encode/bin/unidump, (11) cpan/ExtUtils-MakeMaker/bin/instmodsh, (12) cpan/IO-Compress/bin/zipdetails, (13) cpan/JSON-PP/bin/json\_pp, (14) cpan/Test-Harness/bin/prove, (15) dist/ExtUtils-ParseXS/lib/ExtUtils/xsubpp, (16) dist/Module-CoreList/corelist, (17) ext/Pod-Html/bin/pod2html, (18) utils/c2ph.PL, (19) utils/h2ph.PL, (20) utils/h2xs.PL, (21) utils/libnetcfg.PL, (22) utils/perlbug.PL, (23) utils/perldoc.PL, (24) utils/perlvp.PL, and (25) utils/splain.PL in Perl 5.x before 5.22.3-RC2 and 5.24 before 5.24.1-RC2 do not properly remove . (period) characters from the end of the includes directory array, which might allow local users to gain privileges via a Trojan horse module under the current working directory.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Under Investigation
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Under Investigation
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** OpenSSH**CVSS Score:** 5.3**CVE-2016-1907:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-1907>

The ssh\_packet\_read\_poll2 function in packet.c in OpenSSH before 7.1p2 allows remote attackers to cause a denial of service (out-of-bounds read and application crash) via crafted network traffic.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Impacted - Fixed in 2.4 and later.
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Linux Kernel.**CVSS Score:** 7.4**CVE-2016-2069:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-2069>

Race condition in arch/x86/mm/tlb.c in the Linux kernel before 4.4.1 allows local users to gain privileges by triggering access to a paging structure by a different CPU. A flaw was discovered in a way the Linux deals with paging structures. When Linux invalidates a paging structure that is not in use locally, it could, in principle, race against another CPU that is switching to a process that uses the paging structure in question. A successful exploit would result in a user thread running with a stale cached virtual->physical translation. If the translation in question were writable and the physical page got reused for something critical (e.g. a page table), then this would permit privilege escalation without any syscall.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R12.
Brocade 5600 vRouter	Impacted - Fixed in 4.2R1.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Under Investigation
Brocade Virtual ADX	Under Investigation
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.0, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** OpenSSL**CVSS Score:** 5.3**CVE-2016-2179:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-2179>

The DTLS implementation in OpenSSL before 1.1.0 does not properly restrict the lifetime of queue entries associated with unused out-of-order messages, which allows remote attackers to cause a denial of service (memory consumption) by maintaining many crafted DTLS sessions simultaneously, related to d1\_lib.c, statem\_dtls.c, statem\_lib.c, and statem\_srvr.c.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R13.
Brocade 5600 vRouter	Impacted - Fixed in 17.1.0.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Impacted - Fixed in 14.0.2 and later.
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** OpenSSL**CVSS Score:** 5.9**CVE-2016-2181:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-2181>

The Anti-Replay feature in the DTLS implementation in OpenSSL before 1.1.0 mishandles early use of a new epoch number in conjunction with a large sequence number, which allows remote attackers to cause a denial of service (false-positive packet drops) via spoofed DTLS records, related to rec\_layer\_d1.c and ssl3\_record.c.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R13.
Brocade 5600 vRouter	Impacted - Fixed in 5.2R1.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Impacted - Fixed in 14.0.2 and later.
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** OpenSSL**CVSS Score:** 6.2**CVE-2016-2182:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-2182>

The BN\_bn2dec function in crypto/bn/bn\_print.c in OpenSSL before 1.1.0 does not properly validate division results, which allows remote attackers to cause a denial of service (out-of-bounds write and application crash) or possibly have unspecified other impact via unknown vectors.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R13.
Brocade 5600 vRouter	Impacted - Fixed in 17.1.0.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Impacted - Fixed in 8.1.0.
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Impacted - Fixed in 6.2 and later.
Brocade Network Advisor	Impacted - Fixed in 14.0.2.
Brocade Network OS	Under Investigation
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Impacted - Fixed in 12.5.02m and 12.4.01e.
Brocade Services Director	Impacted - Fixed in 2.6 and later.
Brocade Virtual ADX	Impacted - Fixed in 4.0.00f.
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** OpenSSL**CVSS Score:** 3.7**CVE-2016-2183:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-2183>

The DES and Triple DES ciphers, as used in the TLS, SSH, and IPSec protocols and other protocols and products, have a birthday bound of approximately four billion blocks, which makes it easier for remote attackers to obtain cleartext data via a birthday attack against a long-duration encrypted session, as demonstrated by an HTTPS session using Triple DES in CBC mode, aka a "Sweet32" attack.

Product	Current Assessment
Brocade 5400 vRouter	Under Investigation
Brocade 5600 vRouter	Under Investigation
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Under Investigation
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Impacted - Fixed in 6.1.
Brocade Network Advisor	Impacted - Fixed in 14.0.2.
Brocade Network OS	Under Investigation
Brocade SDN Controller	Impacted - Fixed in BSC-4.3.0.
Brocade ServerIron ADX	Impacted - Fixed in 12.5.02m.
Brocade Services Director	Under Investigation
Brocade SLX-OS	Under Investigation
Brocade Virtual ADX	Impacted - Fixed in 4.0.00f.
Brocade Virtual Traffic Manager	Under Investigation
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Not Impacted



**Component:** Linux Kernel**CVSS Score:** 4.6**CVE-2016-2384:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-2384>

Double free vulnerability in the `snd_usbmidi_create` function in `sound/usb/midi.c` in the Linux kernel before 4.5 allows physically proximate attackers to cause a denial of service (panic) or possibly have unspecified other impact via vectors involving an invalid USB descriptor.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R12.
Brocade 5600 vRouter	Impacted - Fixed in 5.2R2.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade Virtual ADX	Under Investigation
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 10.4, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Linux Kernel**CVSS Score:** 6.2**CVE-2016-2543:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-2543>

The `snd_seq_ioctl_remove_events` function in `sound/core/seq/seq_clientmgr.c` in the Linux kernel before 4.4.1 does not verify FIFO assignment before proceeding with FIFO clearing, which allows local users to cause a denial of service (NULL pointer dereference and OOPS) via a crafted `ioctl` call.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R12.
Brocade 5600 vRouter	Impacted - Fixed in 5.2R2.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Under Investigation
Brocade Virtual ADX	Under Investigation
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 10.4, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Oracle Java SE**CVSS Score:** 4.3**CVE-2016-3458:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-3458>

Unspecified vulnerability in Oracle Java SE 6u115, 7u101, and 8u92; and Java SE Embedded 8u91 allows remote attackers to affect integrity via vectors related to CORBA.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade SLX-OS	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Oracle Java SE**CVSS Score:** 2.9**CVE-2016-3485:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-3485>

Unspecified vulnerability in Oracle Java SE 6u115, 7u101, and 8u92; Java SE Embedded 8u91; and JRockit R28.3.10 allows local users to affect integrity via vectors related to Networking.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Impacted - Fixed in 14.2.0.
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade SLX-OS	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Oracle Java SE**CVSS Score:** 4.3**CVE-2016-3498:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-3498>

Unspecified vulnerability in Oracle Java SE 7u101 and 8u92 allows remote attackers to affect availability via vectors related to JavaFX.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade SLX-OS	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Oracle Java SE**CVSS Score:** 7.0**CVE-2016-3503:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-3503>

Unspecified vulnerability in Oracle Java SE 6u115, 7u101, and 8u92 allows local users to affect confidentiality, integrity, and availability via vectors related to Install.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade SLX-OS	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Not Impacted

**Component:** Oracle Java SE**CVSS Score:** 5.3**CVE-2016-3508:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-3508>

Unspecified vulnerability in Oracle Java SE 6u115, 7u101, and 8u92; Java SE Embedded 8u91; and JRockit R28.3.10 allows remote attackers to affect availability via vectors related to JAXP, a different vulnerability than CVE-2016-3500.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Impacted - Fixed in 14.2.0.
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade SLX-OS	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Oracle Java SE**CVSS Score:** 8.8**CVE-2016-3511:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-3511>

Unspecified vulnerability in Oracle Java SE 7u101 and 8u92 allows local users to affect confidentiality, integrity, and availability via vectors related to Deployment.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade SLX-OS	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation



**Component:** Oracle Java SE**CVSS Score:** 5.3**CVE-2016-3550:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-3550>

Unspecified vulnerability in Oracle Java SE 6u115, 7u101, and 8u92; Java SE Embedded 8u91; and JRockit R28.3.10 allows remote attackers to affect availability via vectors related to JAXP, a different vulnerability than CVE-2016-3508.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade SLX-OS	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Oracle Java SE**CVSS Score:** 7.4**CVE-2016-3552:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-3552>

Unspecified vulnerability in Oracle Java SE 8u92 allows local users to affect confidentiality, integrity, and availability via vectors related to Install.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade SLX-OS	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Oracle Java SE**CVSS Score:** 8.8**CVE-2016-3587:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-3587>

Unspecified vulnerability in Oracle Java SE 8u92 and Java SE Embedded 8u91 allows remote attackers to affect confidentiality, integrity, and availability via vectors related to Hotspot.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade SLX-OS	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Oracle Java SE**CVSS Score:** 8.8**CVE-2016-3598:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-3598>

Unspecified vulnerability in Oracle Java SE 8u92 and Java SE Embedded 8u91 allows remote attackers to affect confidentiality, integrity, and availability via vectors related to Libraries, a different vulnerability than CVE-2016-3610.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade SLX-OS	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Oracle Java SE**CVSS Score:** 8.8**CVE-2016-3606:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-3606>

Unspecified vulnerability in Oracle Java SE 7u101 and 8u92 and Java SE Embedded 8u91 allows remote attackers to affect confidentiality, integrity, and availability via vectors related to Hotspot.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade SLX-OS	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Oracle Java SE**CVSS Score:** 8.8**CVE-2016-3610:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-3610>

Unspecified vulnerability in Oracle Java SE 8u92 and Java SE Embedded 8u91 allows remote attackers to affect confidentiality, integrity, and availability via vectors related to Libraries, a different vulnerability than CVE-2016-3598.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade SLX-OS	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Objective Systems ASN1C for C/C++**CVSS Score:** 9.8**CVE-2016-5080:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-5080>

Integer overflow in the rtxMemHeapAlloc function in asn1rt\_a.lib in Objective Systems ASN1C for C/C++ before 7.0.2 allows context-dependent attackers to execute arbitrary code or cause a denial of service (heap-based buffer overflow), on a system running an application compiled by ASN1C, via crafted ASN.1 data.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade SLX-OS	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** Linux Kernel**CVSS Score:** 7.8**CVE-2016-5195:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-5195>

Race condition in mm/gup.c in the Linux kernel 2.x through 4.x before 4.8.3 allows local users to gain privileges by leveraging incorrect handling of a copy-on-write (COW) feature to write to a read-only memory mapping, as exploited in the wild in October 2016, aka "Dirty COW."

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R12.
Brocade 5600 vRouter	Impacted - Fixed in 5.2R1.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Impacted - Fixed in 8.0.1 and 8.1.0a.
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Impacted - Fixed in v7.1.0, 6.0.2c, and 7.0.1b.
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Impacted - Fixed in 2.6r1.
Brocade Virtual ADX	Under Investigation
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 17.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation



**Component:** curl and libcurl

**CVSS Score:** 7.5

**CVE-2016-5419:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-5419>

curl and libcurl before 7.50.1 do not prevent TLS session resumption when the client certificate has changed, which allows remote attackers to bypass intended restrictions by resuming a session.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R12.
Brocade 5600 vRouter	Impacted - Fixed in 17.1.0.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Impacted - Fixed in 17.1 and later.
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** curl and libcurl

**CVSS Score:** 7.5

**CVE-2016-5420:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-5420>

curl and libcurl before 7.50.1 do not check the client certificate when choosing the TLS connection to reuse, which might allow remote attackers to hijack the authentication of the connection by leveraging a previously created connection with a different client certificate.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R12.
Brocade 5600 vRouter	Impacted - Fixed in 17.1.0.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Under Investigation
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Under Investigation
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Impacted - Fixed in 17.1 and later.
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Not Impacted

**Component:** Perl**CVSS Score:** 7.8**CVE-2016-6185:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-6185>

The XSLoader::load method in XSLoader in Perl does not properly locate .so files when called in a string eval, which might allow local users to execute arbitrary code via a Trojan horse library under the current working directory.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R12.
Brocade 5600 vRouter	Impacted - Fixed in 5.2R1.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance under investigation.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** OpenSSH**CVSS Score:** 5.0**CVE-2016-6210:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-6210>

When SSHD tries to authenticate a non-existing user, it will pick up a fake password structure hard-coded in the SSHD source code. An attacker can measure timing information to determine if a user exists when verifying a password.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R12.
Brocade 5600 vRouter	Impacted - Fixed in 17.1.0.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Under Investigation
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Under Investigation
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Under Investigation
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** OpenSSL**CVSS Score:** 5.9**CVE-2016-6302:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-6302>

The `tls_decrypt_ticket` function in `ssl/t1_lib.c` in OpenSSL before 1.1.0 does not consider the HMAC size during validation of the ticket length, which allows remote attackers to cause a denial of service via a ticket that is too short.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R13.
Brocade 5600 vRouter	Impacted - Fixed in 5.2R1.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Under Investigation
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Impacted - Fixed in 14.0.2.
Brocade Network OS	Under Investigation
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Impacted - Fixed in 12.5.02m and 12.4.01e.
Brocade Services Director	Impacted - Fixed in 2.6.
Brocade Virtual ADX	Impacted - Fixed in 4.0.00e.
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Impacted - Fixed in 4.9-40532 and 2.6-40532.
Brocade Workflow Composer	Under Investigation

**Component:** OpenSSL**CVSS Score:** 6.5**CVE-2016-6303:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-6303>

Integer overflow in the MDC2\_Update function in crypto/mdc2/mdc2dgst.c in OpenSSL before 1.1.0 allows remote attackers to cause a denial of service (out-of-bounds write and application crash) or possibly have unspecified other impact via unknown vectors.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R13.
Brocade 5600 vRouter	Impacted - Fixed in 5.2R1.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Under Investigation
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Impacted - Fixed in 14.0.2.
Brocade Network OS	Under Investigation
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Impacted - Fixed in 4.0.00e.
Brocade Services Director	Impacted - Fixed in to 2.6.
Brocade Virtual ADX	Impacted - Fixed in 4.0.00e.
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Impacted - Fixed in 4.9-40532 and 2.6-40532.
Brocade Workflow Composer	Under Investigation

**Component:** OpenSSL**CVSS Score:** 7.5**CVE-2016-6304:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-6304>

Multiple memory leaks in t1\_lib.c in OpenSSL before 1.0.1u, 1.0.2 before 1.0.2i, and 1.1.0 before 1.1.0a allow remote attackers to cause a denial of service (memory consumption) via large OCSP Status Request extensions.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R13.
Brocade 5600 vRouter	Impacted - Fixed in 5.2R1.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Under Investigation
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Impacted - Fixed in 14.0.2.
Brocade Network OS	Under Investigation
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Impacted - Fixed in 4.0.00e.
Brocade Services Director	Impacted - Fixed in 2.6.
Brocade Virtual ADX	Impacted - Fixed in 4.0.00e.
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** OpenSSL**CVSS Score:** 5.9**CVE-2016-6305:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-6305>

The `ssl3_read_bytes` function in `record/rec_layer_s3.c` in OpenSSL 1.1.0 before 1.1.0a allows remote attackers to cause a denial of service (infinite loop) by triggering a zero-length record in an `SSL_peek` call.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R12.
Brocade 5600 vRouter	Impacted - Fixed in 5.2R1.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Impacted - Fixed in 14.0.2.
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Impacted - Fixed in 2.6.
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation



**Component:** OpenSSL**CVSS Score:** 5.9**CVE-2016-6306:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-6306>

The certificate parser in OpenSSL before 1.0.1u and 1.0.2 before 1.0.2i might allow remote attackers to cause a denial of service (out-of-bounds read) via crafted certificate operations, related to s3\_clnt.c and s3\_srvr.c.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R13.
Brocade 5600 vRouter	Impacted - Fixed in 5.2R1.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Under Investigation
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Impacted - Fixed in 14.0.2.
Brocade Network OS	Under Investigation
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Impacted - Fixed in 4.0.00e.
Brocade Services Director	Impacted - Fixed in 2.6.
Brocade Virtual ADX	Impacted - Fixed in 4.0.00e.
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Impacted - Fixed in 4.9-40532 and 2.6-40532.
Brocade Workflow Composer	Under Investigation

**Component:** OpenSSL**CVSS Score:** 5.9**CVE-2016-6307:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-6307>

The state-machine implementation in OpenSSL 1.1.0 before 1.1.0a allocates memory before checking for an excessive length, which might allow remote attackers to cause a denial of service (memory consumption) via crafted TLS messages, related to statem/statem.c and statem/statem\_lib.c.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R12.
Brocade 5600 vRouter	Impacted - Fixed in 5.2R1.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Impacted - Fixed in 14.0.2.
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Impacted - Fixed in 2.6.
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** OpenSSL**CVSS Score:** 6.5**CVE-2016-6308:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-6308>

statem/statem\_dtls.c in the DTLS implementation in OpenSSL 1.1.0 before 1.1.0a allocates memory before checking for an excessive length, which might allow remote attackers to cause a denial of service (memory consumption) via crafted DTLS messages.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R12.
Brocade 5600 vRouter	Impacted - Fixed in 5.2R1.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Impacted - Fixed in 14.0.2.
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Impacted - Fixed in 2.6.
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** MySQL**CVSS Score:** 6.5**CVE-2016-6309:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-6309>

State/statem.c in OpenSSL 1.1.0a does not consider memory-block movement after a realloc call, which allows remote attackers to cause a denial of service (use-after-free) or possibly execute arbitrary code via a crafted TLS session.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Impacted - Fixed in 14.0.2 and later releases.
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** OpenVPN**CVSS Score:** 3.7**CVE-2016-6329:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-6329>

Ciphers with 64-bit block sizes used in CBC mode were found to be vulnerable to birthday attack when key renegotiation doesn't happen frequently or at all in long running connections. 3DES cipher as used in TLS protocol is vulnerable to this attack, that allows remote attacker to recover partial plaintext information (XOR of two plaintext blocks). This is a generic cryptographic weakness, not a vulnerability in OpenVPN per se

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R13.
Brocade 5600 vRouter	Impacted - Fixed in 5.2R1.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Impacted - Fixed in 6.1.
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Under Investigation
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade SLX-OS	Under Investigation
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** IPSEC**CVSS Score:** 7.8**CVE-2016-6415:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-6415>

The server IKEv1 implementation in Cisco IOS 12.2 through 12.4 and 15.0 through 15.6, IOS XE through 3.18S, IOS XR 4.3.x and 5.0.x through 5.2.x, and PIX before 7.0 allows remote attackers to obtain sensitive information from device memory via a Security Association (SA) negotiation request, aka Bug IDs CSCvb29204 and CSCvb36055 or BENIGNCERTAIN.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** MySQL**CVSS Score:** 8.0**CVE-2016-6662:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-6662>

Oracle MySQL through 5.5.52, 5.6.x through 5.6.33, and 5.7.x through 5.7.15; MariaDB before 5.5.51, 10.0.x before 10.0.27, and 10.1.x before 10.1.17; and Percona Server before 5.5.51-38.1, 5.6.x before 5.6.32-78.0, and 5.7.x before 5.7.14-7 allow local users to create arbitrary configurations and bypass certain protection mechanisms by setting `general_log_file` to a `my.cnf` configuration. NOTE: this can be leveraged to execute arbitrary code with root privileges by setting `malloc_lib`.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Impacted - Fixed in 17.1 and later.
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** MySQL**CVSS Score:** 8.0**CVE-2016-6663:** <https://access.redhat.com/security/cve/CVE-2016-6663>

A race condition was found in the way MySQL performed MyISAM engine table repair. A database user with shell access to the server running mysqld could use this flaw to change permissions of arbitrary files writable by the mysql system user.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Impacted - Fixed in 17.1 and later.
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation



**Component:** MySQL**CVSS Score:** 8.0**CVE-2016-6664:** <https://access.redhat.com/security/cve/CVE-2016-6664>

A flaw was found in the way the mysqld\_safe script handled creation of error log file. The mysql operating system user could use this flaw to escalate their privileges to root.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Impacted - Fixed in 17.1 and later.
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted - Software. Impacted - Appliance fixed in 11.1, 10.4r1, 9.9r2, and later.
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** MatrixSSL**CVSS Score:** 9.8**CVE-2016-6890:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-6890>

The Subject Alt Name field of X.509 certificates is not properly parsed. A specially crafted certificate may result in a heap-based buffer overflow and arbitrary code execution. MatrixSSL versions 3.8.5 and earlier are affected.

Product	Current Assessment
Brocade 5400 vRouter	Not Impacted
Brocade 5600 vRouter	Not Impacted
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Not Impacted
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Not Impacted
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

**Component:** OpenSSL**CVSS Score:** 9.8**CVE-2016-7052:** <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2016-7052>

crypto/x509/x509\_vfy.c in OpenSSL 1.0.2i allows remote attackers to cause a denial of service (NULL pointer dereference and application crash) by triggering a CRL operation.

Product	Current Assessment
Brocade 5400 vRouter	Impacted - Fixed in 6.7R12.
Brocade 5600 vRouter	Impacted - Fixed in 5.2R1.
Brocade BigIron	Brocade will no longer provide security updates for BigIron as End of Life (EoL) was January 18, 2013.
Brocade Data Center Fabric Manager	Brocade will no longer provide security updates for Data Center Fabric Manager (DCFM) as End of Life (EoL) was March 28, 2013.
Brocade Fabric OS	Not Impacted
Brocade FastIron OS	Not Impacted
Brocade IronView Network Manager	Brocade will no longer provide security updates for IronView Network Manager as End of Life (EoL) was May 30, 2012.
Brocade NetIron OS	Not Impacted
Brocade Network Advisor	Impacted - Fixed in 14.0.2.
Brocade Network OS	Not Impacted
Brocade SDN Controller	Not Impacted
Brocade ServerIron ADX	Not Impacted
Brocade Services Director	Impacted - Fixed in 2.6 and later.
Brocade Virtual ADX	Not Impacted
Brocade Virtual Traffic Manager	Not Impacted
Brocade Virtual Web Application Firewall	Not Impacted
Brocade Workflow Composer	Under Investigation

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Document Revision	Changes
1.0	Initial Publication
2.0	Updated End of Life (EOL) statements
3.0	Updated to address FOS, NOS, SDN Controller, and vADX. Adding SLX-OS where applicable.