



CVE-2017-5645

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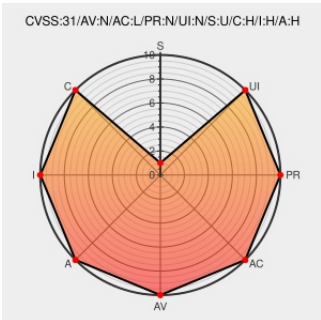
CVE-2017-5645

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Log4j](#) from [Apache](#) contain the following vulnerability:

In Apache Log4j 2.x before 2.8.2, when using the TCP socket server or UDP socket server to receive serialized log events from another application, a specially crafted binary payload can be sent that, when deserialized, can execute arbitrary code.

CVE-2017-5645 has been assigned by security@apache.org to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: **Apache Software Foundation - Apache Log4j** version **All versions between 2.0-alpha1 and 2.8.1**

CVSS3 Score: **9.8 - CRITICAL**
















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

CVSS2 Score: **7.5 - HIGH**



















Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL




















CVE References

Description	Tags	Link
Pony Mail!	lists.apache.org text/html	MLIST [activemq-issues] 20200122 [jira] [Assigned] (AMQ-7370) log4j 1.2 version used by AMQ 5.15.10 / 5.15.11 is vulnerable to CVE-2019-17571










Pony Mail!	lists.apache.org text/html	 MLIST [activemq-issues] 20200228 [jira] [Updated] (AMQ-7370) log4j 1.2 version used by AMQ 5.15.10 / 5.15.11 is vulnerable to CVE-2019-17571
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	 REDHAT RHSA-2017:2637
Pony Mail!	lists.apache.org text/html	 MLIST [logging-dev] 20191219 Re: [CVE-2019-17571] Apache Log4j 1.2 deserialization of untrusted data in SocketServer
Pony Mail!	lists.apache.org text/html	 MLIST [activemq-issues] 20200122 [jira] [Assigned] (AMQ-7372) [9.8] [CVE-2019-17571] [activemq-all] [5.15.10]
Pony Mail!	lists.apache.org text/html	 MLIST [tika-dev] 20200106 [jira] [Commented] (TIKA-3019) [9.8] [CVE-2019-17571] [tika-app] [1.23]
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	 REDHAT RHSA-2017:2635
Pony Mail!	lists.apache.org text/html	 MLIST [beam-github] 20210701 [GitHub] [beam] codecov[bot] commented on pull request #15113: [BEAM-12422] Upgrade log4j version not affected by CVE-2017-5645
Oracle Communications Applications Multiple Bugs Let Remote Users Access and Modify Data and Gain Elevated Privileges and Let Remote Authenticated Users Deny Service - SecurityTracker	Third Party Advisory VDB Entry www.securitytracker.com text/html	 SECTRAK 1040200
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	 REDHAT RHSA-2017:2888
Pony Mail!	lists.apache.org text/html	 MLIST [logging-commits] 20200425 svn commit: r1059809 - /websites/production/logging/content/log4j/2.13.2/security.html
Pony Mail!	lists.apache.org text/html	 MLIST [geode-issues] 20200831 [jira] [Created] (GEODE-8471) Dependency security issues in geode-core-1.12
Pony Mail!	lists.apache.org text/html	 MLIST [druid-commits] 20191115 [GitHub] [incubator-druid] ccaominh opened a new pull request #8878: Address security vulnerabilities
Oracle Critical Patch Update Advisory - July 2020	www.oracle.com text/html	 MISC www.oracle.com/security-alerts/cpujul2020.html
Pony Mail!	lists.apache.org text/html	 MLIST [activemq-issues] 20200127 [jira] [Commented] (AMQ-7370) log4j 1.2 version used by AMQ 5.15.10 / 5.15.11 is vulnerable to CVE-2019-17571
Pony Mail!	lists.apache.org text/html	 MLIST [logging-dev] 20191218 [CVE-2019-17571] Apache Log4j 1.2 deserialization of untrusted data in SocketServer
Pony Mail!	lists.apache.org text/html	 MLIST [tika-dev] 20200111 Re: [jira] [Commented] (TIKA-3018) log4j 1.2 version used by Apache Tika 1.23 is vulnerable to CVE-2019-17571
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	 REDHAT RHSA-2017:3244
Oracle Critical Patch Update - January 2018	Patch www.oracle.com	 CONFIRM www.oracle.com/technetwork/security-advisory/cpujan2018-3236628.html

	text/html	
Pony Mail!	lists.apache.org text/html	 MLIST [tika-dev] 20200108 [jira] [Commented] (TIKA-3019) [9.8] [CVE-2019-17571] [tika-app] [1.23]
CPU July 2018	Patch www.oracle.com text/html	 CONFIRM www.oracle.com/technetwork/security-advisory/cpujul2018-4258247.html
Pony Mail!	lists.apache.org text/html	 MLIST [beam-github] 20210701 [GitHub] [beam] suztomo commented on pull request #15113: [BEAM-12422] Upgrade log4j version not affected by CVE-2017-5645
Oracle Critical Patch Update - April 2018	Patch www.oracle.com text/html	 CONFIRM www.oracle.com/technetwork/security-advisory/cpuapr2018-3678067.html
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	 REDHAT RHSA-2017:2636
Pony Mail!	lists.apache.org text/html	 MLIST [bookkeeper-issues] 20200729 [GitHub] [bookkeeper] padma81 opened a new issue #2387: Security vulnerabilities in the apache/bookkeeper-4.9.2 image
Apache Log4j CVE-2017-5645 Remote Code Execution Vulnerability	Third Party Advisory VDB Entry cve.report (archive) text/html	 BID 97702
CVE-2017-5645 Apache Log4j Vulnerability in NetApp Products NetApp Product Security	Third Party Advisory security.netapp.com text/html	 CONFIRM security.netapp.com/advisory/ntap-20181107-0002/
oss-security - [CVE-2019-17571] Apache Log4j 1.2 deserialization of untrusted data in SocketServer	www.openwall.com text/html	 MLIST [oss-security] 20191218 [CVE-2019-17571] Apache Log4j 1.2 deserialization of untrusted data in SocketServer
Oracle Critical Patch Update Advisory - October 2020	www.oracle.com text/html	 MISC www.oracle.com/security-alerts/cpuoct2020.html
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	 REDHAT RHSA-2017:3400
Pony Mail!	lists.apache.org text/html	 MLIST [tika-dev] 20200107 [jira] [Commented] (TIKA-3019) [9.8] [CVE-2019-17571] [tika-app] [1.23]
Oracle Critical Patch Update Advisory - October 2021	www.oracle.com text/html	 MISC www.oracle.com/security-alerts/cpuoct2021.html
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	 REDHAT RHSA-2017:2889
Pony Mail!	lists.apache.org text/html	 MLIST [tika-dev] 20200110 [jira] [Commented] (TIKA-3019) [9.8] [CVE-2019-17571] [tika-app] [1.23]
MySQL Multiple Flaws Let Remote Users Access and Gain Elevated Privileges, Remote Authenticated and Local Users Deny Service, and Remote Authenticated Users Modify Data - SecurityTracker	Third Party Advisory VDB Entry www.securitytracker.com text/html	 SECTrack 1041294
Pony Mail!	lists.apache.org text/html	 MLIST [tika-dev] 20200111 [jira] [Closed] (TIKA-3018) log4j 1.2 version used by Apache Tika 1.23 is vulnerable to CVE-2019-17571

July 2018 MySQL Vulnerabilities in NetApp Products NetApp Product Security	Third Party Advisory security.netapp.com text/html	 CONFIRM security.netapp.com/advisory/ntap-20180726-0002/
Pony Mail!	lists.apache.org text/html	 MLIST [tika-dev] 20191226 [jira] [Created] (TIKA-3018) log4j 1.2 version used by Apache Tika 1.23 is vulnerable to CVE-2019-17571
Pony Mail!	lists.apache.org text/html	 MLIST [activemq-issues] 20200730 [jira] [Commented] (AMQ-7370) log4j 1.2 version used by AMQ 5.15.10 / 5.15.11 is vulnerable to CVE-2019-17571
Oracle Critical Patch Update Advisory - January 2022	www.oracle.com text/html	 MISC www.oracle.com/security-alerts/cpujan2022.html
Pony Mail!	lists.apache.org text/html	 MLIST [activemq-issues] 20200122 [jira] [Resolved] (AMQ-7372) [9.8] [CVE-2019-17571] [activemq-all] [5.15.10]
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	 REDHAT RHSA-2017:2811
[LOG4J2-1863] Add support for filtering input in TcpSocketServer and UdpSocketServer - ASF JIRA	Issue Tracking Vendor Advisory issues.apache.org text/html	 CONFIRM issues.apache.org/jira/browse/LOG4J2-1863
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	 REDHAT RHSA-2017:1801
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	 REDHAT RHSA-2017:2638
Oracle Critical Patch Update - January 2019	Patch www.oracle.com text/html	 CONFIRM www.oracle.com/technetwork/security-advisory/cpujan2019-5072801.html
Pony Mail!	lists.apache.org text/html	 MLIST [tika-dev] 20200115 [jira] [Commented] (TIKA-3019) [9.8] [CVE-2019-17571] [tika-app] [1.23]
Oracle Critical Patch Update - July 2019	www.oracle.com text/html	 MISC www.oracle.com/technetwork/security-advisory/cpujul2019-5072835.html
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	 REDHAT RHSA-2017:2809
Pony Mail!	lists.apache.org text/html	 MLIST [activemq-issues] 20200122 [jira] [Updated] (AMQ-7370) log4j 1.2 version used by AMQ 5.15.10 / 5.15.11 is vulnerable to CVE-2019-17571
Pony Mail!	lists.apache.org text/html	 MLIST [activemq-issues] 20200228 [jira] [Commented] (AMQ-7370) log4j 1.2 version used by AMQ 5.15.10 / 5.15.11 is vulnerable to CVE-2019-17571
Pony Mail!	lists.apache.org text/html	 MLIST [activemq-issues] 20200122 [jira] [Updated] (AMQ-7372) [9.8] [CVE-2019-17571] [activemq-all] [5.15.10]
Pony Mail!	lists.apache.org text/html	 MLIST [beam-github] 20210701 [GitHub] [beam] codecov[bot] edited a comment on pull request #15113: [BEAM-12422] Upgrade log4j version not affected by CVE-2017-5645
Pony Mail!	lists.apache.org text/html	 MLIST [beam-issues] 20210528 [jira] [Created] (BEAM-12422) Vendored gRPC 1.36.0 is using a log4j version with security issues

Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	 REDHAT RHSA-2017:2423
Pony Mail!	lists.apache.org text/html	 MLIST [tika-dev] 20191226 [jira] [Commented] (TIKA-3018) log4j 1.2 version used by Apache Tika 1.23 is vulnerable to CVE-2019-17571
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	 REDHAT RHSA-2017:2810
Pony Mail!	lists.apache.org text/html	 MLIST [activemq-issues] 20200228 [jira] [Resolved] (AMQ-7370) log4j 1.2 version used by AMQ 5.15.10 / 5.15.11 is vulnerable to CVE-2019-17571
Pony Mail!	lists.apache.org text/html	 MLIST [activemq-issues] 20191230 [jira] [Created] (AMQ-7372) [9.8] [CVE-2019-17571] [activemq-all] [5.15.10]
Pony Mail!	lists.apache.org text/html	 MLIST [logging-dev] 20191215 Re: Is there any chance that there will be a security fix for log4j-v1.2.17?
CPU Oct 2018	Patch www.oracle.com text/html	 CONFIRM www.oracle.com/technetwork/security-advisory/cpuoct2018-4428296.html
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	 REDHAT RHSA-2017:1417
Pony Mail!	lists.apache.org text/html	 MLIST [tika-dev] 20200114 [jira] [Commented] (TIKA-3019) [9.8] [CVE-2019-17571] [tika-app] [1.23]
Oracle Critical Patch Update - October 2019	www.oracle.com text/html	 MISC www.oracle.com/technetwork/security-advisory/cpuoct2019-5072832.html
Oracle Critical Patch Update Advisory - January 2020	www.oracle.com text/html	 MISC www.oracle.com/security-alerts/cpujan2020.html
Pony Mail!	lists.apache.org text/html	 MLIST [announce] 20191218 [CVE-2019-17571] Apache Log4j 1.2 deserialization of untrusted data in SocketServer
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	 REDHAT RHSA-2017:2633
Pony Mail!	lists.apache.org text/html	 MLIST [beam-github] 20210701 [GitHub] [beam] lukecwik opened a new pull request #15113: [BEAM-12422] Upgrade log4j version not affected by CVE-2017-5645
Oracle Critical Patch Update Advisory - April 2020	www.oracle.com text/html	 N/A N/A
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	 REDHAT RHSA-2017:2808
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	 REDHAT RHSA-2017:3399
Pony Mail!	lists.apache.org text/html	 MLIST [activemq-issues] 20200208 [jira] [Commented] (AMQ-7370) log4j 1.2 version used by AMQ 5.15.10 / 5.15.11 is vulnerable to CVE-2019-17571
Pony Mail!	lists.apache.org text/html	 MLIST [beam-github] 20210701 [GitHub] [beam] lukecwik commented on pull request #15113: [BEAM-12422] Upgrade

log4j version not affected by CVE-2017-5645

Red Hat Customer Portal	access.redhat.com text/html	 REDHAT RHSA-2019:1545
Pony Mail!	lists.apache.org text/html	 MLIST [doris-commits] 20210402 [GitHub] [incubator-doris] zh0122 opened a new pull request #5594: [FE][Bug]Update log4j-web to fix a security issue
Oracle Critical Patch Update Advisory - April 2021	www.oracle.com text/html	 MISC www.oracle.com/security-alerts/cpuApr2021.html
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	 REDHAT RHSA-2017:1802
Pony Mail!	lists.apache.org text/html	 MLIST [tika-dev] 20191230 [jira] [Created] (TIKA-3019) [9.8] [CVE-2019-17571] [tika-app] [1.23]
Oracle Critical Patch Update Advisory - January 2021	www.oracle.com text/html	 MISC www.oracle.com/security-alerts/cpujan2021.html
Pony Mail!	lists.apache.org text/html	 MLIST [tika-dev] 20200111 [jira] [Resolved] (TIKA-3018) log4j 1.2 version used by Apache Tika 1.23 is vulnerable to CVE-2019-17571
Pony Mail!	lists.apache.org text/html	 MLIST [activemq-issues] 20191226 [jira] [Created] (AMQ-7370) log4j 1.2 version used by AMQ 5.15.10 / 5.15.11 is vulnerable to CVE-2019-17571
Oracle Critical Patch Update Advisory - April 2019	Patch www.oracle.com text/html	 MISC www.oracle.com/technetwork/security-advisory/cpuapr2019-5072813.html

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Related QID Numbers

- [159853](#) Oracle Enterprise Linux Security Update for log4j (ELSA-2022-9419)
- [20297](#) Oracle Database 18c Critical OJVM Patch Update - October 2020
- [20313](#) Oracle Database 12.2.0.1 Critical OJVM Patch Update - October 2020
- [296075](#) Oracle Solaris 11.4 Support Repository Update (SRU) 21.69.0 Missing (CPUAPR2020)
- [353112](#) Amazon Linux Security Advisory for log4j : ALAS-2022-1562
- [980278](#) Java (maven) Security Update for org.apache.logging.log4j:log4j-core (GHSA-fxph-q3j8-mv87)

Exploit/POC from Github

[Fastest filesystem scanner for log4shell \(CVE-2021-44228, CVE-2021-45046\) and other vulnerable \(CVE-2017-5645, CVE-20...](#)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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Application	Apache	Log4j	All	All	All	All
Application	Apache	Log4j	2.0	alpha1	All	All
Application	Apache	Log4j	2.0	alpha2	All	All
Application	Apache	Log4j	2.0	beta1	All	All
Application	Apache	Log4j	2.0	beta2	All	All
Application	Apache	Log4j	2.0	beta3	All	All
Application	Apache	Log4j	2.0	beta4	All	All
Application	Apache	Log4j	2.0	beta5	All	All
Application	Apache	Log4j	2.0	beta6	All	All
Application	Apache	Log4j	2.0	beta7	All	All
Application	Apache	Log4j	2.0	beta8	All	All
Application	Apache	Log4j	2.0	beta9	All	All
Application	Apache	Log4j	2.0	rc1	All	All
Application	Apache	Log4j	2.0	rc2	All	All
Application	Apache	Log4j	2.0.1	All	All	All
Application	Apache	Log4j	2.0.2	All	All	All
Application	Apache	Log4j	2.1	All	All	All
Application	Apache	Log4j	2.2	All	All	All
Application	Apache	Log4j	2.3	All	All	All
Application	Apache	Log4j	2.4	All	All	All
Application	Apache	Log4j	2.4.1	All	All	All
Application	Apache	Log4j	2.5	All	All	All
Application	Apache	Log4j	2.6	All	All	All
Application	Apache	Log4j	2.6.1	All	All	All
Application	Apache	Log4j	2.6.2	All	All	All
Application	Apache	Log4j	2.7	All	All	All
Application	Apache	Log4j	2.8	All	All	All
Application	Apache	Log4j	2.8.1	All	All	All
Application	Apache	Log4j	2.0	alpha1	All	All
Application	Apache	Log4j	2.0	alpha2	All	All
Application	Apache	Log4j	2.0	beta1	All	All
Application	Apache	Log4j	2.0	beta2	All	All
Application	Apache	Log4j	2.0	beta3	All	All
Application	Apache	Log4j	2.0	beta4	All	All
Application	Apache	Log4j	2.0	beta5	All	All

Application	Apache	Log4j	2.0	beta6	All	All
Application	Apache	Log4j	2.0	beta7	All	All
Application	Apache	Log4j	2.0	beta8	All	All
Application	Apache	Log4j	2.0	beta9	All	All
Application	Apache	Log4j	2.0	rc1	All	All
Application	Apache	Log4j	2.0	rc2	All	All
Application	Apache	Log4j	2.0.1	All	All	All
Application	Apache	Log4j	2.0.2	All	All	All
Application	Apache	Log4j	2.1	All	All	All
Application	Apache	Log4j	2.2	All	All	All
Application	Apache	Log4j	2.3	All	All	All
Application	Apache	Log4j	2.4	All	All	All
Application	Apache	Log4j	2.4.1	All	All	All
Application	Apache	Log4j	2.5	All	All	All
Application	Apache	Log4j	2.6	All	All	All
Application	Apache	Log4j	2.6.1	All	All	All
Application	Apache	Log4j	2.6.2	All	All	All
Application	Apache	Log4j	2.7	All	All	All
Application	Apache	Log4j	2.8	All	All	All
Application	Apache	Log4j	2.8.1	All	All	All
Application	Netapp	Oncommand Api Services	-	All	All	All
Application	Netapp	Oncommand Api Services	-	All	All	All
Application	Netapp	Oncommand Insight	-	All	All	All
Application	Netapp	Oncommand Insight	-	All	All	All
Application	Netapp	Oncommand Workflow Automation	-	All	All	All
Application	Netapp	Oncommand Workflow Automation	-	All	All	All
Application	Netapp	Service Level Manager	-	All	All	All
Application	Netapp	Service Level Manager	-	All	All	All
Application	Netapp	Snapcenter	-	All	All	All
Application	Netapp	Snapcenter	-	All	All	All
Application	Netapp	Storage Automation Store	-	All	All	All
Application	Netapp	Storage Automation Store	-	All	All	All
Application	Netty	Netty	All	All	All	All
Application	Oracle	Api Gateway	11.1.2.4.0	All	All	All
Application	Oracle	Api Gateway	11.1.2.4.0	All	All	All
Application	Oracle	Application Testing Suite	13.3.0.1	All	All	All

Application	Oracle	Autovue Vuelink Integration	21.0.0	All	All	All
Application	Oracle	Autovue Vuelink Integration	21.0.1	All	All	All
Application	Oracle	Autovue Vuelink Integration	21.0.0	All	All	All
Application	Oracle	Autovue Vuelink Integration	21.0.1	All	All	All
Application	Oracle	Banking Platform	2.6.0	All	All	All
Application	Oracle	Banking Platform	2.6.1	All	All	All
Application	Oracle	Banking Platform	2.6.2	All	All	All
Application	Oracle	Banking Platform	2.6.0	All	All	All
Application	Oracle	Banking Platform	2.6.1	All	All	All
Application	Oracle	Banking Platform	2.6.2	All	All	All
Application	Oracle	Bi Publisher	11.1.1.7.0	All	All	All
Application	Oracle	Bi Publisher	11.1.1.9.0	All	All	All
Application	Oracle	Bi Publisher	12.2.1.3.0	All	All	All
Application	Oracle	Bi Publisher	12.2.1.4.0	All	All	All
Application	Oracle	Bi Publisher	11.1.1.7.0	All	All	All
Application	Oracle	Bi Publisher	11.1.1.9.0	All	All	All
Application	Oracle	Bi Publisher	12.2.1.3.0	All	All	All
Application	Oracle	Bi Publisher	12.2.1.4.0	All	All	All
Application	Oracle	Communications Converged Application Server - Service Controller	6.1	All	All	All
Application	Oracle	Communications Converged Application Server - Service Controller	6.1	All	All	All
Application	Oracle	Communications Instant Messaging Server	10.0.1.3.0	All	All	All
Application	Oracle	Communications Interactive Session Recorder	All	All	All	All
Application	Oracle	Communications Messaging Server	All	All	All	All
Application	Oracle	Communications Messaging Server	All	All	All	All
Application	Oracle	Communications Network Integrity	All	All	All	All
Application	Oracle	Communications Online Mediation Controller	6.1	All	All	All
Application	Oracle	Communications Online Mediation Controller	6.1	All	All	All
Application	Oracle	Communications Pricing Design Center	11.1	All	All	All
Application	Oracle	Communications Pricing Design Center	12.0	All	All	All
Application	Oracle	Communications Pricing Design Center	11.1	All	All	All
Application	Oracle	Communications Pricing Design Center	12.0	All	All	All
Application	Oracle	Communications Service Broker	6.0	All	All	All
Application	Oracle	Communications Service Broker	6.0	All	All	All
Application	Oracle	Communications Webrtc Session Controller	All	All	All	All
Application	Oracle	Communications Webrtc Session Controller	All	All	All	All

Application	Oracle	Configuration Manager	12.1.2.0.2	All	All	All
Application	Oracle	Configuration Manager	12.1.2.0.5	All	All	All
Application	Oracle	Configuration Manager	12.1.2.0.2	All	All	All
Application	Oracle	Configuration Manager	12.1.2.0.5	All	All	All
Application	Oracle	Endeca Information Discovery Studio	3.2.0	All	All	All
Application	Oracle	Enterprise Data Quality	12.2.1.3.0	All	All	All
Application	Oracle	Enterprise Data Quality	12.2.1.3.0	All	All	All
Application	Oracle	Enterprise Manager Base Platform	12.1.0.5	All	All	All
Application	Oracle	Enterprise Manager Base Platform	13.2.0.0	All	All	All
Application	Oracle	Enterprise Manager Base Platform	12.1.0.5	All	All	All
Application	Oracle	Enterprise Manager Base Platform	13.2.0.0	All	All	All
Application	Oracle	Enterprise Manager For Fusion Middleware	12.1.0.5	All	All	All
Application	Oracle	Enterprise Manager For Fusion Middleware	13.2.0.0	All	All	All
Application	Oracle	Enterprise Manager For Fusion Middleware	12.1.0.5	All	All	All
Application	Oracle	Enterprise Manager For Fusion Middleware	13.2.0.0	All	All	All
Application	Oracle	Enterprise Manager For Mysql Database	All	All	All	All
Application	Oracle	Enterprise Manager For Oracle Database	12.1.0.8	All	All	All
Application	Oracle	Enterprise Manager For Oracle Database	13.2.2	All	All	All
Application	Oracle	Enterprise Manager For Oracle Database	12.1.0.8	All	All	All
Application	Oracle	Enterprise Manager For Oracle Database	13.2.2	All	All	All
Application	Oracle	Enterprise Manager For Peoplesoft	13.1.1.1	All	All	All
Application	Oracle	Enterprise Manager For Peoplesoft	13.2.1.1	All	All	All
Application	Oracle	Enterprise Manager For Peoplesoft	13.1.1.1	All	All	All
Application	Oracle	Enterprise Manager For Peoplesoft	13.2.1.1	All	All	All
Application	Oracle	Financial Services Analytical Applications Infrastructure	All	All	All	All
Application	Oracle	Financial Services Analytical Applications Infrastructure	All	All	All	All
Application	Oracle	Financial Services Behavior Detection Platform	6.1.1	All	All	All
Application	Oracle	Financial Services Behavior Detection Platform	6.1.1	All	All	All
Application	Oracle	Financial Services Behavior Detection Platform	All	All	All	All
Application	Oracle	Financial Services Hedge Management And Ifrs Valuations	8.0.4	All	All	All
Application	Oracle	Financial Services Hedge Management And Ifrs Valuations	8.0.5	All	All	All
Application	Oracle	Financial Services Hedge Management And Ifrs Valuations	8.0.4	All	All	All
Application	Oracle	Financial Services Hedge Management And Ifrs Valuations	8.0.5	All	All	All
Application	Oracle	Financial Services Lending And Leasing	12.5.0	All	All	All
Application	Oracle	Financial Services Lending And Leasing	All	All	All	All

Application	Oracle	Financial Services Loan Loss Forecasting And Provisioning	8.0.4	All	All	All
Application	Oracle	Financial Services Loan Loss Forecasting And Provisioning	8.0.5	All	All	All
Application	Oracle	Financial Services Loan Loss Forecasting And Provisioning	8.0.4	All	All	All
Application	Oracle	Financial Services Loan Loss Forecasting And Provisioning	8.0.5	All	All	All
Application	Oracle	Financial Services Profitability Management	6.1.1	All	All	All
Application	Oracle	Financial Services Profitability Management	6.1.1	All	All	All
Application	Oracle	Financial Services Profitability Management	All	All	All	All
Application	Oracle	Financial Services Regulatory Reporting With Agilereporter	8.0.9.2.0	All	All	All
Application	Oracle	Flexcube Investor Servicing	12.0.4	All	All	All
Application	Oracle	Flexcube Investor Servicing	12.1.0	All	All	All
Application	Oracle	Flexcube Investor Servicing	12.3.0	All	All	All
Application	Oracle	Flexcube Investor Servicing	12.4.0	All	All	All
Application	Oracle	Flexcube Investor Servicing	14.0.0	All	All	All
Application	Oracle	Flexcube Investor Servicing	12.0.4	All	All	All
Application	Oracle	Flexcube Investor Servicing	12.1.0	All	All	All
Application	Oracle	Flexcube Investor Servicing	12.3.0	All	All	All
Application	Oracle	Flexcube Investor Servicing	12.4.0	All	All	All
Application	Oracle	Flexcube Investor Servicing	14.0.0	All	All	All
Application	Oracle	Fusion Middleware Mapviewer	12.2.1.2	All	All	All
Application	Oracle	Fusion Middleware Mapviewer	12.2.1.3	All	All	All
Application	Oracle	Fusion Middleware Mapviewer	12.2.1.2	All	All	All
Application	Oracle	Fusion Middleware Mapviewer	12.2.1.3	All	All	All
Application	Oracle	Goldengate	12.3.2.1.1	All	All	All
Application	Oracle	Goldengate Application Adapters	12.3.2.1.1	All	All	All
Application	Oracle	Goldengate Application Adapters	12.3.2.1.1	All	All	All
Application	Oracle	Identity Analytics	11.1.1.5.8	All	All	All
Application	Oracle	Identity Analytics	11.1.1.5.8	All	All	All
Application	Oracle	Identity Management Suite	11.1.2.3.0	All	All	All
Application	Oracle	Identity Management Suite	12.2.1.3.0	All	All	All
Application	Oracle	Identity Management Suite	11.1.2.3.0	All	All	All
Application	Oracle	Identity Management Suite	12.2.1.3.0	All	All	All
Application	Oracle	Identity Manager Connector	9.0	All	All	All
Application	Oracle	In-memory Performance-driven Planning	12.1	All	All	All
Application	Oracle	In-memory Performance-driven Planning	12.2	All	All	All
Application	Oracle	Instantis Enterprisetrack	All	All	All	All
Application	Oracle	Insurance Calculation Engine	10.1.1	All	All	All

Application	Oracle	Insurance Calculation Engine	10.2.1	All	All	All
Application	Oracle	Insurance Calculation Engine	10.1.1	All	All	All
Application	Oracle	Insurance Calculation Engine	10.2.1	All	All	All
Application	Oracle	Insurance Policy Administration	10.0	All	All	All
Application	Oracle	Insurance Policy Administration	10.1	All	All	All
Application	Oracle	Insurance Policy Administration	10.2	All	All	All
Application	Oracle	Insurance Policy Administration	11.0	All	All	All
Application	Oracle	Insurance Policy Administration	10.0	All	All	All
Application	Oracle	Insurance Policy Administration	10.1	All	All	All
Application	Oracle	Insurance Policy Administration	10.2	All	All	All
Application	Oracle	Insurance Policy Administration	11.0	All	All	All
Application	Oracle	Insurance Rules Palette	10.0	All	All	All
Application	Oracle	Insurance Rules Palette	10.1	All	All	All
Application	Oracle	Insurance Rules Palette	10.2	All	All	All
Application	Oracle	Insurance Rules Palette	11.0	All	All	All
Application	Oracle	Insurance Rules Palette	11.1	All	All	All
Application	Oracle	Insurance Rules Palette	10.0	All	All	All
Application	Oracle	Insurance Rules Palette	10.1	All	All	All
Application	Oracle	Insurance Rules Palette	10.2	All	All	All
Application	Oracle	Insurance Rules Palette	11.0	All	All	All
Application	Oracle	Insurance Rules Palette	11.1	All	All	All
Application	Oracle	Jdeveloper	11.1.1.9.0	All	All	All
Application	Oracle	Jdeveloper	12.1.3.0.0	All	All	All
Application	Oracle	Jdeveloper	12.2.1.3.0	All	All	All
Application	Oracle	Jdeveloper	11.1.1.9.0	All	All	All
Application	Oracle	Jdeveloper	12.1.3.0.0	All	All	All
Application	Oracle	Jdeveloper	12.2.1.3.0	All	All	All
Application	Oracle	Jd Edwards Enterpriseone Tools	4.0.1.0	All	All	All
Application	Oracle	Jd Edwards Enterpriseone Tools	9.2	All	All	All
Application	Oracle	Jd Edwards Enterpriseone Tools	9.2	All	All	All
Application	Oracle	Mysql Enterprise Monitor	All	All	All	All
Application	Oracle	Mysql Enterprise Monitor	All	All	All	All
Application	Oracle	Mysql Enterprise Monitor	All	All	All	All
Application	Oracle	Peoplesoft Enterprise Fin Install	9.2	All	All	All
Application	Oracle	Peoplesoft Enterprise Fin Install	9.2	All	All	All

Application	Oracle	Policy Automation For Mobile Devices	12.2.10	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.2.2	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.2.3	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.2.4	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.2.5	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.2.6	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.2.7	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.2.8	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.2.9	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	10.4.7	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.1.0	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.1.1	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.2.0	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.2.1	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.2.10	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.2.2	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.2.3	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.2.4	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.2.5	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.2.6	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.2.7	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.2.8	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	12.2.9	All	All	All
Application	Oracle	Primavera Gateway	All	All	All	All
Application	Oracle	Primavera Gateway	All	All	All	All
Application	Oracle	Rapid Planning	12.1	All	All	All
Application	Oracle	Rapid Planning	12.2	All	All	All
Application	Oracle	Retail Advanced Inventory Planning	14.0	All	All	All
Application	Oracle	Retail Advanced Inventory Planning	15.0	All	All	All
Application	Oracle	Retail Clearance Optimization Engine	14.0.5	All	All	All
Application	Oracle	Retail Clearance Optimization Engine	14.0.5	All	All	All
Application	Oracle	Retail Extract Transform And Load	13.0	All	All	All
Application	Oracle	Retail Extract Transform And Load	13.1	All	All	All
Application	Oracle	Retail Extract Transform And Load	13.2	All	All	All
Application	Oracle	Retail Extract Transform And Load	19.0	All	All	All
Application	Oracle	Retail Extract Transform And Load	13.0	All	All	All

Application	Oracle	Retail Extract Transform And Load	13.1	All	All	All
Application	Oracle	Retail Extract Transform And Load	13.2	All	All	All
Application	Oracle	Retail Integration Bus	14.0.0	All	All	All
Application	Oracle	Retail Integration Bus	14.1.0	All	All	All
Application	Oracle	Retail Integration Bus	15.0	All	All	All
Application	Oracle	Retail Integration Bus	16.0	All	All	All
Application	Oracle	Retail Integration Bus	14.0.0	All	All	All
Application	Oracle	Retail Integration Bus	14.1.0	All	All	All
Application	Oracle	Retail Integration Bus	15.0	All	All	All
Application	Oracle	Retail Integration Bus	16.0	All	All	All
Application	Oracle	Retail Open Commerce Platform	5.3.0	All	All	All
Application	Oracle	Retail Open Commerce Platform	6.0.0	All	All	All
Application	Oracle	Retail Open Commerce Platform	6.0.1	All	All	All
Application	Oracle	Retail Open Commerce Platform	5.3.0	All	All	All
Application	Oracle	Retail Open Commerce Platform	6.0.0	All	All	All
Application	Oracle	Retail Open Commerce Platform	6.0.1	All	All	All
Application	Oracle	Retail Predictive Application Server	15.0.3	All	All	All
Application	Oracle	Retail Predictive Application Server	15.0.3	All	All	All
Application	Oracle	Retail Service Backbone	14.1	All	All	All
Application	Oracle	Retail Service Backbone	15.0	All	All	All
Application	Oracle	Retail Service Backbone	16.0	All	All	All
Application	Oracle	Siebel Ui Framework	18.7	All	All	All
Application	Oracle	Siebel Ui Framework	18.8	All	All	All
Application	Oracle	Siebel Ui Framework	18.9	All	All	All
Application	Oracle	Siebel Ui Framework	18.7	All	All	All
Application	Oracle	Siebel Ui Framework	18.8	All	All	All
Application	Oracle	Siebel Ui Framework	18.9	All	All	All
Application	Oracle	Soa Suite	12.1.3.0.0	All	All	All
Application	Oracle	Soa Suite	12.2.1.3.0	All	All	All
Application	Oracle	Soa Suite	12.2.2.0.0	All	All	All
Application	Oracle	Soa Suite	12.1.3.0.0	All	All	All
Application	Oracle	Soa Suite	12.2.2.0.0	All	All	All
Application	Oracle	Tape Library Acsls	8.4	All	All	All
Application	Oracle	Tape Library Acsls	8.4	All	All	All
Application	Oracle	Timesten In-memory Database	11.2.2.8.49	All	All	All

Application	Oracle	Utilities Advanced Spatial And Operational Analytics	2.7.0.1	All	All	All
Application	Oracle	Utilities Work And Asset Management	1.9.1.2.12	All	All	All
Application	Oracle	Utilities Work And Asset Management	1.9.1.2.12	All	All	All
Application	Oracle	Weblogic Server	10.3.6.0.0	All	All	All
Application	Oracle	Weblogic Server	12.1.3.0.0	All	All	All
Application	Oracle	Weblogic Server	12.2.1.3.0	All	All	All
Application	Oracle	Weblogic Server	12.2.1.4.0	All	All	All
Application	Oracle	Weblogic Server	14.1.1.0.0	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	6.7	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.3	All	All	All
Operating System	Redhat	Enterprise Linux	7.4	All	All	All
Operating System	Redhat	Enterprise Linux	7.5	All	All	All
Operating System	Redhat	Enterprise Linux	7.6	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	6.7	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.3	All	All	All
Operating System	Redhat	Enterprise Linux	7.4	All	All	All
Operating System	Redhat	Enterprise Linux	7.5	All	All	All
Operating System	Redhat	Enterprise Linux	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All

Operating System	Redhat	Enterprise Linux Server Aus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Application	Redhat	Fuse	1.0	All	All	All
cpe:2.3:a:apache:log4j:*.:*:*:*:*:*:						
cpe:2.3:a:apache:log4j:2.0:alpha1:*.:*:*:*:*:						
cpe:2.3:a:apache:log4j:2.0:alpha2:*.:*:*:*:*:						
cpe:2.3:a:apache:log4j:2.0:beta1:*.:*:*:*:*:						
cpe:2.3:a:apache:log4j:2.0:beta2:*.:*:*:*:*:						
cpe:2.3:a:apache:log4j:2.0:beta3:*.:*:*:*:*:						
cpe:2.3:a:apache:log4j:2.0:beta4:*.:*:*:*:*:						
cpe:2.3:a:apache:log4j:2.0:beta5:*.:*:*:*:*:						

cpe:2.3:a:apache:log4j:2.0:beta7:*****:
cpe:2.3:a:apache:log4j:2.0:beta8:*****:
cpe:2.3:a:apache:log4j:2.0:beta9:*****:
cpe:2.3:a:apache:log4j:2.0:rc1:*****:
cpe:2.3:a:apache:log4j:2.0:rc2:*****:
cpe:2.3:a:apache:log4j:2.0.1:*****:
cpe:2.3:a:apache:log4j:2.0.2:*****:
cpe:2.3:a:apache:log4j:2.1:*****:
cpe:2.3:a:apache:log4j:2.2:*****:
cpe:2.3:a:apache:log4j:2.3:*****:
cpe:2.3:a:apache:log4j:2.4:*****:
cpe:2.3:a:apache:log4j:2.4.1:*****:
cpe:2.3:a:apache:log4j:2.5:*****:
cpe:2.3:a:apache:log4j:2.6:*****:
cpe:2.3:a:apache:log4j:2.6.1:*****:
cpe:2.3:a:apache:log4j:2.6.2:*****:
cpe:2.3:a:apache:log4j:2.7:*****:
cpe:2.3:a:apache:log4j:2.8:*****:
cpe:2.3:a:apache:log4j:2.8.1:*****:
cpe:2.3:a:netapp:oncommand_api_services:-:*****:
cpe:2.3:a:netapp:oncommand_api_services:-:*****:
cpe:2.3:a:netapp:oncommand_insight:-:*****:
cpe:2.3:a:netapp:oncommand_insight:-:*****:
cpe:2.3:a:netapp:oncommand_workflow_automation:-:*****:
cpe:2.3:a:netapp:oncommand_workflow_automation:-:*****:
cpe:2.3:a:netapp:service_level_manager:-:*****:
cpe:2.3:a:netapp:service_level_manager:-:*****:
cpe:2.3:a:netapp:snapcenter:-:*****:

cpe:2.3:a:netapp:snapcenter:-:*:*:*:*:*:

cpe:2.3:a:netapp:storage_automation_store:-:*:*:*:*:*:

cpe:2.3:a:netapp:storage_automation_store:-:*:*:*:*:*:

cpe:2.3:a:netty:netty:*:*:*:*:*:

cpe:2.3:a:oracle:api_gateway:11.1.2.4.0:*:*:*:*:*:

cpe:2.3:a:oracle:api_gateway:11.1.2.4.0:*:*:*:*:*:

cpe:2.3:a:oracle:application_testing_suite:13.3.0.1:*:*:*:*:*:

cpe:2.3:a:oracle:autovue_vuelink_integration:21.0.0:*:*:*:*:*:

cpe:2.3:a:oracle:autovue_vuelink_integration:21.0.1:*:*:*:*:*:

cpe:2.3:a:oracle:autovue_vuelink_integration:21.0.0:*:*:*:*:*:

cpe:2.3:a:oracle:autovue_vuelink_integration:21.0.1:*:*:*:*:*:

cpe:2.3:a:oracle:banking_platform:2.6.0:*:*:*:*:*:

cpe:2.3:a:oracle:banking_platform:2.6.1:*:*:*:*:*:

cpe:2.3:a:oracle:banking_platform:2.6.2:*:*:*:*:*:

cpe:2.3:a:oracle:banking_platform:2.6.0:*:*:*:*:*:

cpe:2.3:a:oracle:banking_platform:2.6.1:*:*:*:*:*:

cpe:2.3:a:oracle:banking_platform:2.6.2:*:*:*:*:*:

cpe:2.3:a:oracle:bi_publisher:11.1.1.7.0:*:*:*:*:*:

cpe:2.3:a:oracle:bi_publisher:11.1.1.9.0:*:*:*:*:*:

cpe:2.3:a:oracle:bi_publisher:12.2.1.3.0:*:*:*:*:*:

cpe:2.3:a:oracle:bi_publisher:12.2.1.4.0:*:*:*:*:*:

cpe:2.3:a:oracle:bi_publisher:11.1.1.7.0:*:*:*:*:*:

cpe:2.3:a:oracle:bi_publisher:11.1.1.9.0:*:*:*:*:*:

cpe:2.3:a:oracle:bi_publisher:12.2.1.3.0:*:*:*:*:*:

cpe:2.3:a:oracle:bi_publisher:12.2.1.4.0:*:*:*:*:*:

cpe:2.3:a:oracle:communications_converged_application_server_-_service_controller:6.1:*:*:*:*:*:

cpe:2.3:a:oracle:communications_converged_application_server_-_service_controller:6.1:*:*:*:*:*:

cpe:2.3:a:oracle:communications_instant_messaging_server:10.0.1.3.0:*:*:*:*:*:

cpe:2.3:a:oracle:communications_interactive_session_recorder:*:*:*:*:*:

cpe:2.3:a:oracle:flexcube_investor_servicing:12.1.0:*:*:*:*:*:

cpe:2.3:a:oracle:flexcube_investor_servicing:12.3.0:*:*:*:*:*:

cpe:2.3:a:oracle:flexcube_investor_servicing:12.4.0:*:*:*:*:*:

cpe:2.3:a:oracle:flexcube_investor_servicing:14.0.0:*:*:*:*:*:

cpe:2.3:a:oracle:flexcube_investor_servicing:12.0.4:*:*:*:*:*:

cpe:2.3:a:oracle:flexcube_investor_servicing:12.1.0:*:*:*:*:*:

cpe:2.3:a:oracle:flexcube_investor_servicing:12.3.0:*:*:*:*:*:

cpe:2.3:a:oracle:flexcube_investor_servicing:12.4.0:*:*:*:*:*:

cpe:2.3:a:oracle:flexcube_investor_servicing:14.0.0:*:*:*:*:*:

cpe:2.3:a:oracle:fusion_middleware_mapviewer:12.2.1.2:*:*:*:*:*:

cpe:2.3:a:oracle:fusion_middleware_mapviewer:12.2.1.3:*:*:*:*:*:

cpe:2.3:a:oracle:fusion_middleware_mapviewer:12.2.1.2:*:*:*:*:*:

cpe:2.3:a:oracle:fusion_middleware_mapviewer:12.2.1.3:*:*:*:*:*:

cpe:2.3:a:oracle:goldengate:12.3.2.1.1:*:*:*:*:*:

cpe:2.3:a:oracle:goldengate_application_adapters:12.3.2.1.1:*:*:*:*:*:

cpe:2.3:a:oracle:goldengate_application_adapters:12.3.2.1.1:*:*:*:*:*:

cpe:2.3:a:oracle:identity_analytics:11.1.1.5.8:*:*:*:*:*:

cpe:2.3:a:oracle:identity_analytics:11.1.1.5.8:*:*:*:*:*:

cpe:2.3:a:oracle:identity_management_suite:11.1.2.3.0:*:*:*:*:*:

cpe:2.3:a:oracle:identity_management_suite:12.2.1.3.0:*:*:*:*:*:

cpe:2.3:a:oracle:identity_management_suite:11.1.2.3.0:*:*:*:*:*:

cpe:2.3:a:oracle:identity_management_suite:12.2.1.3.0:*:*:*:*:*:

cpe:2.3:a:oracle:identity_manager_connector:9.0:*:*:*:*:*:

cpe:2.3:a:oracle:in-memory_performance-driven_planning:12.1:*:*:*:*:*:

cpe:2.3:a:oracle:in-memory_performance-driven_planning:12.2:*:*:*:*:*:

cpe:2.3:a:oracle:instantis_enterprisetrack:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_calculation_engine:10.1.1:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_calculation_engine:10.2.1:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_calculation_engine:10.1.1:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_calculation_engine:10.2.1:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_policy_administration:10.0:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_policy_administration:10.1:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_policy_administration:10.2:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_policy_administration:11.0:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_policy_administration:10.0:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_policy_administration:10.1:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_policy_administration:10.2:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_policy_administration:11.0:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_rules_palette:10.0:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_rules_palette:10.1:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_rules_palette:10.2:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_rules_palette:11.0:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_rules_palette:11.1:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_rules_palette:10.0:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_rules_palette:10.1:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_rules_palette:10.2:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_rules_palette:11.0:*:*:*:*:*:

cpe:2.3:a:oracle:insurance_rules_palette:11.1:*:*:*:*:*:

cpe:2.3:a:oracle:jdeveloper:11.1.1.9.0:*:*:*:*:*:

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No vendor comments have been submitted for this CVE

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