



# CVE-2020-9488

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2020-9488
<b>State</b>	PUBLIC
<b>Assigner</b>	security@apache.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-04-27 16:15:00 UTC
<b>Updated</b>	2023-11-07 03:26:00 UTC
<b>Description</b>	Improper validation of certificate with host mismatch in Apache Log4j SMTP appender. This could allow an SMTPS connect

## Risk And Classification

**Problem Types:** CWE-295

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Apache</a>	<a href="#">Log4j</a>	All	All	All	All
Application	<a href="#">Apache</a>	<a href="#">Log4j</a>	All	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	11.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Application Session Controller</a>	3.9m0p1	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Application Session Controller</a>	3.9m0p1	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Billing And Revenue Management</a>	12.0.0.3.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Billing And Revenue Management</a>	7.5.0.23.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Billing And Revenue Management</a>	12.0.0.3.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Billing And Revenue Management</a>	7.5.0.23.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Eagle Ftp Table Base Retrieval</a>	4.5	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Offline Mediation Controller</a>	12.0.0.3.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Offline Mediation Controller</a>	12.0.0.3.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Services Gatekeeper</a>	7.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Services Gatekeeper</a>	7.0	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Communications Unified Inventory Management</a>	7.3.0	All	All	All

Application	Oracle	Communications Unified Inventory Management	7.4.0	All	All	All
Application	Oracle	Communications Unified Inventory Management	7.3.0	All	All	All
Application	Oracle	Communications Unified Inventory Management	7.4.0	All	All	All
Application	Oracle	Data Integrator	12.2.1.3.0	All	All	All
Application	Oracle	Data Integrator	12.2.1.4.0	All	All	All
Application	Oracle	Data Integrator	12.2.1.3.0	All	All	All
Application	Oracle	Data Integrator	12.2.1.4.0	All	All	All
Application	Oracle	Enterprise Manager For Peoplesoft	13.4.1.1	All	All	All
Application	Oracle	Enterprise Manager For Peoplesoft	13.4.1.1	All	All	All
Application	Oracle	Financial Services Analytical Applications Infrastructure	All	All	All	All
Application	Oracle	Financial Services Institutional Performance Analytics	8.0.6	All	All	All
Application	Oracle	Financial Services Institutional Performance Analytics	8.1.0	All	All	All
Application	Oracle	Financial Services Institutional Performance Analytics	8.7.0	All	All	All
Application	Oracle	Financial Services Institutional Performance Analytics	8.0.6	All	All	All
Application	Oracle	Financial Services Institutional Performance Analytics	8.1.0	All	All	All
Application	Oracle	Financial Services Institutional Performance Analytics	8.7.0	All	All	All
Application	Oracle	Financial Services Market Risk Measurement And Management	8.0.6	All	All	All
Application	Oracle	Financial Services Market Risk Measurement And Management	8.0.8	All	All	All
Application	Oracle	Financial Services Market Risk Measurement And Management	8.1.0	All	All	All
Application	Oracle	Financial Services Market Risk Measurement And Management	8.0.6	All	All	All
Application	Oracle	Financial Services Market Risk Measurement And Management	8.0.8	All	All	All
Application	Oracle	Financial Services Market Risk Measurement And Management	8.1.0	All	All	All
Application	Oracle	Financial Services Price Creation And Discovery	8.0.6	All	All	All
Application	Oracle	Financial Services Price Creation And Discovery	8.0.7	All	All	All
Application	Oracle	Financial Services Price Creation And Discovery	8.0.6	All	All	All
Application	Oracle	Financial Services Price Creation And Discovery	8.0.7	All	All	All
Application	Oracle	Financial Services Retail Customer Analytics	8.0.6	All	All	All
Application	Oracle	Financial Services Retail Customer Analytics	8.0.6	All	All	All
Application	Oracle	Flexcube Core Banking	5.2.0	All	All	All
Application	Oracle	Flexcube Core Banking	5.2.0	All	All	All
Application	Oracle	Flexcube Core Banking	All	All	All	All
Application	Oracle	Flexcube Private Banking	12.0.0	All	All	All
Application	Oracle	Flexcube Private Banking	12.1.0	All	All	All
Application	Oracle	Flexcube Private Banking	12.0.0	All	All	All
Application	Oracle	Flexcube Private Banking	12.1.0	All	All	All

Application	Oracle	Health Sciences Information Manager	3.0.1	All	All	All
Application	Oracle	Health Sciences Information Manager	3.0.1	All	All	All
Application	Oracle	Insurance Insbridge Rating And Underwriting	5.6.1.0	All	All	All
Application	Oracle	Insurance Insbridge Rating And Underwriting	5.6.1.0	All	All	All
Application	Oracle	Insurance Insbridge Rating And Underwriting	All	All	All	All
Application	Oracle	Insurance Policy Administration J2ee	10.2.0.37	All	All	All
Application	Oracle	Insurance Policy Administration J2ee	10.2.4.12	All	All	All
Application	Oracle	Insurance Policy Administration J2ee	11.0.2.25	All	All	All
Application	Oracle	Insurance Policy Administration J2ee	11.1.0.15	All	All	All
Application	Oracle	Insurance Policy Administration J2ee	11.2.0.26	All	All	All
Application	Oracle	Insurance Policy Administration J2ee	10.2.0.37	All	All	All
Application	Oracle	Insurance Policy Administration J2ee	10.2.4.12	All	All	All
Application	Oracle	Insurance Policy Administration J2ee	11.0.2.25	All	All	All
Application	Oracle	Insurance Policy Administration J2ee	11.1.0.15	All	All	All
Application	Oracle	Insurance Policy Administration J2ee	11.2.0.26	All	All	All
Application	Oracle	Insurance Rules Palette	10.2.0.37	All	All	All
Application	Oracle	Insurance Rules Palette	10.2.4.12	All	All	All
Application	Oracle	Insurance Rules Palette	11.0.2.25	All	All	All
Application	Oracle	Insurance Rules Palette	11.1.0.15	All	All	All
Application	Oracle	Insurance Rules Palette	11.2.0.26	All	All	All
Application	Oracle	Insurance Rules Palette	10.2.0.37	All	All	All
Application	Oracle	Insurance Rules Palette	10.2.4.12	All	All	All
Application	Oracle	Insurance Rules Palette	11.0.2.25	All	All	All
Application	Oracle	Insurance Rules Palette	11.1.0.15	All	All	All
Application	Oracle	Insurance Rules Palette	11.2.0.26	All	All	All
Application	Oracle	Jd Edwards World Security	a9.4	All	All	All
Application	Oracle	Oracle Goldengate Application Adapters	19.1.0.0.0	All	All	All
Application	Oracle	Oracle Goldengate Application Adapters	19.1.0.0.0	All	All	All
Application	Oracle	Peoplesoft Enterprise Peopletools	8.56	All	All	All
Application	Oracle	Peoplesoft Enterprise Peopletools	8.57	All	All	All
Application	Oracle	Peoplesoft Enterprise Peopletools	8.58	All	All	All
Application	Oracle	Peoplesoft Enterprise Peopletools	8.56	All	All	All
Application	Oracle	Peoplesoft Enterprise Peopletools	8.57	All	All	All
Application	Oracle	Peoplesoft Enterprise Peopletools	8.58	All	All	All
Application	Oracle	Policy Automation	All	All	All	All

Application	Oracle	Policy Automation Connector For Siebel	10.4.6	All	All	All
Application	Oracle	Policy Automation Connector For Siebel	10.4.6	All	All	All
Application	Oracle	Policy Automation For Mobile Devices	All	All	All	All
Application	Oracle	Primavera Unifier	18.8	All	All	All
Application	Oracle	Primavera Unifier	19.12	All	All	All
Application	Oracle	Primavera Unifier	18.8	All	All	All
Application	Oracle	Primavera Unifier	19.12	All	All	All
Application	Oracle	Retail Advanced Inventory Planning	14.1	All	All	All
Application	Oracle	Retail Advanced Inventory Planning	14.1	All	All	All
Application	Oracle	Retail Assortment Planning	15.0.3.0	All	All	All
Application	Oracle	Retail Assortment Planning	16.0.3.0	All	All	All
Application	Oracle	Retail Assortment Planning	15.0.3.0	All	All	All
Application	Oracle	Retail Assortment Planning	16.0.3.0	All	All	All
Application	Oracle	Retail Bulk Data Integration	15.0.3.0	All	All	All
Application	Oracle	Retail Bulk Data Integration	16.0.3.0	All	All	All
Application	Oracle	Retail Bulk Data Integration	15.0.3.0	All	All	All
Application	Oracle	Retail Bulk Data Integration	16.0.3.0	All	All	All
Application	Oracle	Retail Customer Management And Segmentation Foundation	16.0	All	All	All
Application	Oracle	Retail Customer Management And Segmentation Foundation	17.0	All	All	All
Application	Oracle	Retail Customer Management And Segmentation Foundation	18.0	All	All	All
Application	Oracle	Retail Customer Management And Segmentation Foundation	19.0	All	All	All
Application	Oracle	Retail Customer Management And Segmentation Foundation	16.0	All	All	All
Application	Oracle	Retail Customer Management And Segmentation Foundation	17.0	All	All	All
Application	Oracle	Retail Customer Management And Segmentation Foundation	18.0	All	All	All
Application	Oracle	Retail Customer Management And Segmentation Foundation	19.0	All	All	All
Application	Oracle	Retail Eftlink	15.0.2	All	All	All
Application	Oracle	Retail Eftlink	16.0.3	All	All	All
Application	Oracle	Retail Eftlink	17.0.2	All	All	All
Application	Oracle	Retail Eftlink	18.0.1	All	All	All
Application	Oracle	Retail Eftlink	19.0.1	All	All	All
Application	Oracle	Retail Insights Cloud Service Suite	19.0	All	All	All
Application	Oracle	Retail Integration Bus	14.1	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	14.1	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 Order Broker Cloud Service	16.0	All	All	All
Application	Oracle	Retail Order Broker Cloud Service	18.0	All	All	All
Application	Oracle	Retail Order Broker Cloud Service	19.0	All	All	All
Application	Oracle	Retail Order Broker Cloud Service	19.1	All	All	All
Application	Oracle	Retail Order Broker Cloud Service	19.2	All	All	All
Application	Oracle	Retail Order Broker Cloud Service	19.3	All	All	All
Application	Oracle	Retail Order Broker Cloud Service	16.0	All	All	All
Application	Oracle	Retail Order Broker Cloud Service	18.0	All	All	All
Application	Oracle	Retail Order Broker Cloud Service	19.0	All	All	All
Application	Oracle	Retail Order Broker Cloud Service	19.1	All	All	All
Application	Oracle	Retail Order Broker Cloud Service	19.2	All	All	All
Application	Oracle	Retail Order Broker Cloud Service	19.3	All	All	All
Application	Oracle	Retail Predictive Application Server	14.1.3.0	All	All	All
Application	Oracle	Retail Predictive Application Server	15.0.3.0	All	All	All
Application	Oracle	Retail Predictive Application Server	16.0.3.0	All	All	All
Application	Oracle	Retail Predictive Application Server	14.1.3.0	All	All	All
Application	Oracle	Retail Predictive Application Server	15.0.3.0	All	All	All
Application	Oracle	Retail Predictive Application Server	16.0.3.0	All	All	All
Application	Oracle	Retail Xstore Point Of Service	15.0.4	All	All	All
Application	Oracle	Retail Xstore Point Of Service	16.0.6	All	All	All
Application	Oracle	Retail Xstore Point Of Service	17.0.4	All	All	All
Application	Oracle	Retail Xstore Point Of Service	18.0.3	All	All	All
Application	Oracle	Retail Xstore Point Of Service	19.0.2	All	All	All
Application	Oracle	Siebel Apps - Marketing	All	All	All	All
Application	Oracle	Siebel Ui Framework	All	All	All	All
Application	Oracle	Spatial And Graph	12.2.0.1	All	All	All
Application	Oracle	Spatial And Graph	18c	All	All	All
Application	Oracle	Spatial And Graph	19c	All	All	All
Application	Oracle	Spatial And Graph	12.2.0.1	All	All	All
Application	Oracle	Spatial And Graph	18c	All	All	All
Application	Oracle	Spatial And Graph	19c	All	All	All
Application	Oracle	Storagetek Acsls	8.5.1	All	All	All
Application	Oracle	Storagetek Tape Analytics Sw Tool	2.3.1	All	All	All
Application	Oracle	Storagetek Tape Analytics Sw Tool	2.3.1	All	All	All

Application	Oracle	Utilities Framework	2.2.0.0.0	All	All	All
Application	Oracle	Utilities Framework	4.2.0.2.0	All	All	All
Application	Oracle	Utilities Framework	4.2.0.3.0	All	All	All
Application	Oracle	Utilities Framework	4.4.0.0.0	All	All	All
Application	Oracle	Utilities Framework	4.4.0.2.0	All	All	All
Application	Oracle	Utilities Framework	2.2.0.0.0	All	All	All
Application	Oracle	Utilities Framework	4.2.0.2.0	All	All	All
Application	Oracle	Utilities Framework	4.2.0.3.0	All	All	All
Application	Oracle	Utilities Framework	4.4.0.0.0	All	All	All
Application	Oracle	Utilities Framework	4.4.0.2.0	All	All	All
Application	Oracle	Utilities Framework	All	All	All	All
Application	Oracle	Weblogic Server	10.3.6.0.0	All	All	All
Application	Oracle	Weblogic Server	10.3.6.0.0	All	All	All
Application	Qos	Reload4j	All	All	All	All

## References

Reference	Source	Li
[SECURITY] [DLA 2852-1] apache-log4j2 security update	MLIST	<a href="#">lis</a>
Pony Mail!	MLIST	<a href="#">lis</a>
Debian -- Security Information -- DSA-5020-1 apache-log4j2	DEBIAN	<a href="#">w</a>
Pony Mail!	MLIST	<a href="#">lis</a>
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Oracle Critical Patch Update Advisory - July 2020	MISC	<a href="#">w</a>
Oracle Critical Patch Update Advisory - July 2020	MISC	

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[flink-issues] 20210510 [GitHub] [flink] zentol opened a new pull request #15879: [FLINK-22407][build] Bump log4j to 2.24.1		<a href="#">lis</a>
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[kafka-users] 20210617 vulnerabilities		<a href="#">lis</a>
Pony Mail!	MLIST	<a href="#">lis</a>
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[LOG4J2-2819] Add support for specifying an SSL configuration for SmtppAppender - ASF JIRA	CONFIRM	<a href="#">lis</a>
CVE-2020-9488 Apache Log4j Vulnerability in NetApp Products   NetApp Product Security	CONFIRM	<a href="#">se</a>
Pony Mail!	MISC	<a href="#">lis</a>
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[mina-dev] 20210225 [jira] [Created] (FTPSERVER-500) Security vulnerability in common/lib/log4j-1.2.17.jar		<a href="#">lis</a>
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Oracle Critical Patch Update Advisory - January 2021	MISC	<a href="#">w</a>
Pony Mail!	MLIST	<a href="#">lis</a>
Pony Mail!		<a href="#">lis</a>
CVE Program record	CVE.ORG	<a href="#">w</a>

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[178934](#) Debian Security Update for apache-log4j2 (DSA 5020-1)

[178956](#) Debian Security Update for apache-log4j2 (DLA 2852-1)

[20269](#) IBM DB2 Multiple Vulnerabilities (6466365)

[20288](#) Oracle Database 19c Critical OJVM Patch Update - October 2020

[20297](#) Oracle Database 18c Critical OJVM Patch Update - October 2020

[20313](#) Oracle Database 12.2.0.1 Critical OJVM Patch Update - October 2020

[982986](#) Java (maven) Security Update for org.apache.logging.log4j:log4j-core (GHSA-vwqq-5vrc-xw9h)

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