CVE-2021-42550

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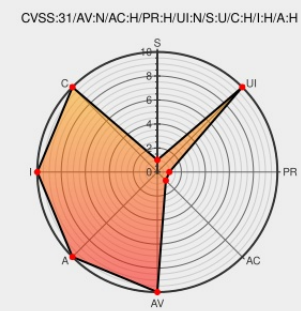
CVE-2021-42550

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Cloud Manager from Netapp contain the following vulnerability:

In logback version 1.2.7 and prior versions, an attacker with the required privileges to edit configurations files could craft a malicious configuration allowing to execute arbitrary code loaded from LDAP servers.

CVE-2021-42550 has been assigned by vulnerability@ncsc.ch to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **QOS.ch** - **logback** version **< 1.2.9**

Affected Vendor/Software: **QOS.ch** - **logback** version **< 1.3.0-alpha11**

CVSS3 Score: 6.6 - MEDIUM

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

CVSS2 Score: 8.5 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link

	cert-portal.siemens.com application/pdf	CONFIRM cert-portal.siemens.com/productcert/pdf/ssa-371761.pdf
[LOGBACK-1591] Possibility of vulnerability - QOS.ch JIRA	jira.qos.ch text/html	MISC jira.qos.ch/browse/LOGBACK-1591
Full Disclosure: Open-Xchange Security Advisory 2022-07-21	seclists.org text/html	FULLDISC 20220721 Open-Xchange Security Advisory 2022-07-21
CVE-2021-42550 Logback Vulnerability in NetApp Products | NetApp Product Security	security.netapp.com text/html	CONFIRM security.netapp.com/advisory/ntap-20211229-0001/
GitHub - cn-panda/logbackRceDemo: The project is a simple vulnerability Demo environment written by SpringBoot. Here, I deliberately wrote a vulnerability environment where there are arbitrary file uploads, and then use the `scan` attribute in the loghack configuration file to cooperate with the logback vulnerability to implement RCE.	github.com text/html	MISC github.com/cn-panda/logbackRceDemo
Open-Xchange App Suite 7.10.x Cross Site Scripting / Command Injection ≈ Packet Storm	packetstormsecurity.com text/html	MISC packetstormsecurity.com/files/167794/Open-Xchange-App-Suite-7.10.x-Cross-Site-Scripting-Command-Injection.html
Logback News	logback.qos.ch text/html	CONFIRM logback.qos.ch/news.html

Related QID Numbers

240566 Red Hat Update for Satellite 6.11 Release (RHSA-2022:5498)

591301 Siemens SINEC NMS Arbitrary Code Execution Vulnerability (SSA-371761 V1.0.3)

960505 Rocky Linux Security Update for Satellite (RLSA-2022:5498)

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
Application	Netapp	Cloud Manager	-	All	All	All
Application	Netapp	Service Level Manager	-	All	All	All
Application	Netapp	Snap Creator Framework	-	All	All	All
Application	Qos	Logback	1.3.0	alpha0	All	All
Application	Qos	Logback	1.3.0	alpha1	All	All
Application	Qos	Logback	1.3.0	alpha10	All	All

Application	Qos	Logback	1.3.0	alpha2	All	All
Application	Qos	Logback	1.3.0	alpha3	All	All
Application	Qos	Logback	1.3.0	alpha4	All	All
Application	Qos	Logback	1.3.0	alpha5	All	All
Application	Qos	Logback	1.3.0	alpha6	All	All
Application	Qos	Logback	1.3.0	alpha7	All	All
Application	Qos	Logback	1.3.0	alpha8	All	All
Application	Qos	Logback	1.3.0	alpha9	All	All
Application	Qos	Logback	All	All	All	All
Application	Redhat	Satellite	6.0	All	All	All
Application	Siemens	Sinec Nms	All	All	All	All

cpe:2.3:a:netapp:cloud_manager:-:*:*:*:*:*:*:*:

cpe:2.3:a:netapp:service_level_manager:-:*:*:*:*:*:*:*:

cpe:2.3:a:netapp:snap_creator_framework:-:*:*:*:*:*:*:*:

cpe:2.3:a:qos:logback:1.3.0:alpha0:*:*:*:*:*:*:

cpe:2.3:a:qos:logback:1.3.0:alpha1:*:*:*:*:*:*:

cpe:2.3:a:qos:logback:1.3.0:alpha10:*:*:*:*:*:*:

cpe:2.3:a:qos:logback:1.3.0:alpha2:*:*:*:*:*:*:

cpe:2.3:a:qos:logback:1.3.0:alpha3:*:*:*:*:*:*:

cpe:2.3:a:qos:logback:1.3.0:alpha4:*:*:*:*:*:*:

cpe:2.3:a:qos:logback:1.3.0:alpha5:*:*:*:*:*:*:

cpe:2.3:a:qos:logback:1.3.0:alpha6:*:*:*:*:*:*:

cpe:2.3:a:qos:logback:1.3.0:alpha7:*:*:*:*:*:*:

cpe:2.3:a:qos:logback:1.3.0:alpha8:*:*:*:*:*:*:

cpe:2.3:a:qos:logback:1.3.0:alpha9:*:*:*:*:*:*:

cpe:2.3:a:qos:logback:*:*:*:*:*:*:*:*:

cpe:2.3:a:redhat:satellite:6.0:*:*:*:*:*:*:*:

cpe:2.3:a:siemens:sinec_nms:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-42550 : In logback version 1.2.7 and prior versions, an attacker with the required privileges to edit conf… twitter.com/i/web/status/1…	2021-12-16 18:25:35
/r/netcve	CVE-2021-42550	2021-12-16 19:38:33

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