CVE-2020-17519

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2020-17519
State	PUBLIC
Assigner	security@apache.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-01-05 12:15:00 UTC
Updated	2023-11-07 03:19:00 UTC
Description	A change introduced in Apache Flink 1.11.0 (and released in 1.11.1 and 1.11.2 as well) allows attackers to read any file on

Risk And Classification

EPSS: 0.943310000 probability, percentile 0.999550000 (date 2026-05-15)

CISA KEV: Listed on 2024-05-23; due 2024-06-13; ransomware use Unknown

Problem Types: CWE-552

CISA Known Exploited Vulnerability

Vendor	Apache
Product	Flink
Name	Apache Flink Improper Access Control Vulnerability
Required Action	Apply mitigations per vendor instructions or discontinue use of the product if mitigations are unavailable.
Notes	This vulnerability affects a common open-source component, third-party library, or a protocol used by different products. Please check with specific vendors for information on patching status. For more information, please see: https://lists.apache.org/thread/typ0h03zyfrzjqlnb7plh64df1g2383d; https://nvd.nist.gov/vuln/detail/CVE-2020-17519

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apache	Flink	All	All	All	All

References

Reference	Source	Link
Pony Mail!		lists.apacl
Pony Mail!	MLIST	lists.apacl

Pony Mail!	MLIST	lists.apacl
Pony Mail!	MLIST	lists.apacl
Pony Mail!		lists.apacl
Pony Mail!	MLIST	lists.apacl
Pony Mail!	MISC	lists.apacl
Pony Mail!	MLIST	lists.apacl
Pony Mail!		lists.apacl
Pony Mail!		lists.apacl
oss-security - [CVE-2020-17519] Apache Flink directory traversal attack: reading remote files through the REST API	MLIST	www.oper
Pony Mail!		lists.apacl
Pony Mail!	MLIST	lists.apacl
Pony Mail!	MLIST	lists.apacl
Apache Flink 1.11.0 Arbitrary File Read / Directory Traversal ≈ Packet Storm	MISC	packetsto
Pony Mail!	MLIST	lists.apacl
Pony Mail!	MLIST	lists.apacl
Pony Mail!	MLIST	lists.apacl
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Pony Mail!		lists.apacl
Pony Mail!		lists.apacl
Pony Mail!		lists.apacl
Pony Mail!	MISC	lists.apacl
Pony Mail!	MLIST	lists.apacl
Pony Mail!		lists.apacl
Pony Mail!	MLIST	lists.apacl
Pony Mail!	MLIST	lists.apacl
Pony Mail!		lists.apacl
Pony Mail!		lists.apacl
CVE Program record	CVE.ORG	www.cve.
NVD vulnerability detail	NVD	nvd.nist.g
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa

Vendor Comments And Credit

Discovery Credit

LEGACY: 0rich1 of Ant Security FG Lab

Legacy QID Mappings

730426 Apache Flink Arbitrary File Read Vulnerability

982928 Java (maven) Security Update for org.apache.flink:flink-runtime_2.12 (GHSA-395w-qhqr-9fr6)