CVE-2021-20517

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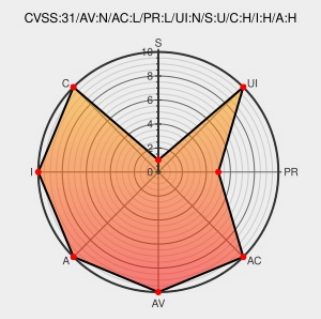

Certain versions of Websphere Application Server Nd from Ibm contain the following vulnerability:

IBM WebSphere Application Server Network Deployment 8.5 and 9.0 could allow a remote authenticated attacker to traverse directories. An attacker could send a specially-crafted URL request containing "dot dot" sequences (/../) to read and delete arbitrary files on the system. IBM X-Force ID: 198435.

CVE-2021-20517 has been assigned by psirt@us.ibm.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **IBM** - **WebSphere Application Server ND** version **8.5**

Affected Vendor/Software: **IBM** - **WebSphere Application Server ND** version **9.0**

CVSS3 Score: 8.8 - HIGH

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

CVSS2 Score: 6.5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link

Security Bulletin: WebSphere Application Server ND is vulnerable to Directory Traversal vulnerability (CVE-2021-20517)	www.ibm.com text/html	CONFIRM www.ibm.com/support/pages/node/6456955
IBM X-Force Exchange	exchange.xforce.ibmcloud.com text/html	XF ibm-websphere-cve202120517-dir-traversal (198435)

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

PoC for exploiting CVE-2021-20517

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ibm	Websphere Application Server Nd	All	All	All	All

cpe:2.3:a:ibm:websphere_application_server_nd:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@knaepp	PH35098:Directory Traversal vulnerability in WebSphere Application Server ND (CVE-2021-20517 CVSS 6.4) tinyurl.com/yjhwwzqc	2021-05-27 15:45:03
@CVEreport	CVE-2021-20517 : #IBM WebSphere Application Server Network Deployment 8.5 and 9.0 could allow a remote authenticate… twitter.com/i/web/status/1…	2021-06-07 14:08:09
/r/netcve	CVE-2021-20517	2021-06-07 14:41:25

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