



# CVE-2019-5475

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## CVE-2019-5475

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Nexus Repository Manager](#) from [Sonatype](#) contain the following vulnerability:

The Nexus Yum Repository Plugin in v2 is vulnerable to Remote Code Execution when instances using CommandLineExecutor.java are supplied vulnerable data, such as the Yum Configuration Capability.

CVE-2019-5475 has been assigned by [h1](#) support@hackerone.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>LOW</b>          | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **9 - HIGH**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>SINGLE</b>       |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>COMPLETE</b>        | <b>COMPLETE</b>   | <b>COMPLETE</b>     |

## CVE References

| Description | Tags                                                                                                                          | Link                                                 |
|-------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|
| HackerOne   | <a href="#">Exploit</a><br><a href="#">Third Party Advisory</a><br><a href="#">hackerone.com</a><br><a href="#">text/html</a> | <a href="#">h1 MISC hackerone.com/reports/654888</a> |

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## Related QID Numbers

981652 Java (maven) Security Update for org.sonatype.nexus.plugins:nexus-yum-repository-plugin (GHSA-g5m7-57ph-j6p8)

## Known Affected Configurations (CPE V2.3)

| Type                                                                | Vendor                   | Product                                  | Version | Update | Edition | Language |
|---------------------------------------------------------------------|--------------------------|------------------------------------------|---------|--------|---------|----------|
| Application                                                         | <a href="#">Sonatype</a> | <a href="#">Nexus Repository Manager</a> | All     | All    | All     | All      |
| <code>cpe:2.3:a:sonatype:nexus_repository_manager:****:****:</code> |                          |                                          |         |        |         |          |

No vendor comments have been submitted for this CVE

## Social Mentions

| Source                                                                                    | Title                                                                                                                                                                    | Posted (UTC)        |
|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|  @OPOSEC | Nexus Repository Manager 2.x Command Injection (CVE-2019-5475). <a href="https://paper.seebug.org/1261/#Security%20#333">paper.seebug.org/1261/#Security #333</a> (2020) | 2021-12-27 08:00:02 |

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