

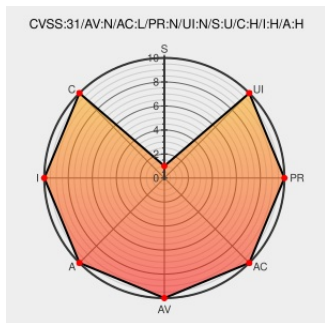


# CVE-2019-20409

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## CVE-2019-20409

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

Certain versions of [Jira](#) from [Atlassian](#) contain the following vulnerability:

The way in which velocity templates were used in Atlassian Jira Server and Data Center prior to version 8.8.0 allowed remote attackers to gain remote code execution if they were able to exploit a server side template injection vulnerability.

CVE-2019-20409 has been assigned by [security@atlassian.com](#) to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: [Atlassian](#) - **Jira Server** version < 8.8.0

CVSS3 Score: **9.8 - CRITICAL**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</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: **7.5 - HIGH**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description                                                                                                                                          | Tags                                                                                                    | Link                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| [JRASERVER-70944] Make use of Secure Introspector in Velocity Templates - CVE-2019-20409 - Create and track feature requests for Atlassian products. | <a href="#">Issue Tracking</a><br><a href="#">Vendor Advisory</a><br><a href="#">jira.atlassian.com</a> | <a href="#">MISC</a><br><a href="#">jira.atlassian.com/browse/JRASERVER-70944</a> |

[comment@cve.report](mailto:comment@cve.report)

There are currently no QIDs associated with this CVE

## Known Affected Configurations (CPE V2.3)

| Type        | Vendor    | Product                   | Version | Update | Edition | Language |
|-------------|-----------|---------------------------|---------|--------|---------|----------|
| Application | Atlassian | Jira                      | All     | All    | All     | All      |
| Application | Atlassian | Jira                      | All     | All    | All     | All      |
| Application | Atlassian | Jira Software Data Center | All     | All    | All     | All      |
| Application | Atlassian | Jira Software Data Center | All     | All    | All     | All      |

cpe:2.3:a:atlassian:jira:\*:\*:\*:\*:\*:\*:\*:

cpe:2.3:a:atlassian:jira:\*:\*:\*:\*:\*:\*:

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cpe:2.3:a:atlassian:jira_software_data_center:*.:.:.:.:.:.:
```

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cpe:2.3:a:atlassian:jira software data center:*.*.*.*.*.*.*.*
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No vendor comments have been submitted for this CVE

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