



# CVE-2019-10458

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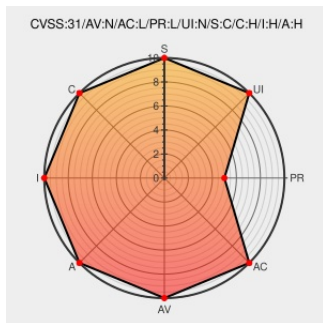
## CVE-2019-10458

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Puppet Enterprise Pipeline](#) from [Jenkins](#) contain the following vulnerability:

Jenkins Puppet Enterprise Pipeline 1.3.1 and earlier specifies unsafe values in its custom Script Security whitelist, allowing attackers able to execute Script Security protected scripts to execute arbitrary code.

CVE-2019-10458 has been assigned by [jenkinsci-cert@googlegroups.com](#) to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: [Jenkins project](#) - **Jenkins Puppet Enterprise Pipeline version = 1.3.1 and earlier**

CVSS3 Score: **9.9 - CRITICAL**

| 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>CHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **6.5 - MEDIUM**

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

## CVE References

| Description                          | Tags                                                          | Link                                                                          |
|--------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------|
| Jenkins Security Advisory 2019-10-16 | <a href="#">Vendor Advisory</a><br><a href="#">jenkins.io</a> | <a href="#">CONFIRM jenkins.io/security/advisory/2019-10-16/#SECURITY-918</a> |

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There are currently no QIDs associated with this CVE

#### Known Affected Configurations (CPE V2.3)

| Type                                                              | Vendor                  | Product                                    | Version | Update | Edition | Language |
|-------------------------------------------------------------------|-------------------------|--------------------------------------------|---------|--------|---------|----------|
| Application                                                       | <a href="#">Jenkins</a> | <a href="#">Puppet Enterprise Pipeline</a> | All     | All    | All     | All      |
| cpe:2.3:a:jenkins:puppet_enterprise_pipeline:*:*:*:*:jenkins:*:*: |                         |                                            |         |        |         |          |

No vendor comments have been submitted for this CVE

#### Social Mentions

| Source                                                                                         | Title                                                                                                     | Posted (UTC)           |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|------------------------|
|  @LinInfoSec | Jenkins - CVE-2019-10458: <a href="https://jenkins.io/security/advis...">jenkins.io/security/advis...</a> | 2021-10-29<br>21:05:49 |

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