



# CVE-2019-16328

Published on: 10/03/2019 12:00:00 AM UTC

Last Modified on: 12/02/2022 07:24:00 PM UTC

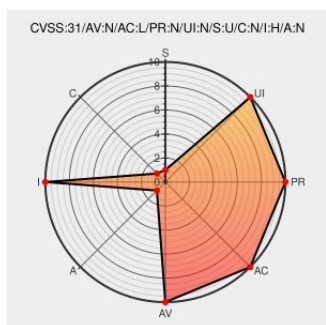
## CVE-2019-16328

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Rpyc](#) from [Rpyc Project](#) contain the following vulnerability:

In RPyC 4.1.x through 4.1.1, a remote attacker can dynamically modify object attributes to construct a remote procedure call that executes code for an RPyC service with default configuration settings.

CVE-2019-16328 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

| 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>NONE</b>            | <b>HIGH</b>         | <b>NONE</b>         |

CVSS2 Score: **5 - MEDIUM**

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

## CVE References

| Description                                                                                                   | Tags                                                                                                                       | Link                                             |
|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| GitHub - tomerfiliba-org/rpyc: RPyC (Remote Python Call) - A transparent and symmetric RPC library for python | <a href="#">Product</a><br><a href="#">Third Party Advisory</a><br><a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC github.com/tomerfiliba/rpyc</a> |

Security — RPyC

Exploit

Vendor Advisory

rpyc.readthedocs.io

text/html

MISC

rpyc.readthedocs.io/en/latest/docs/security.html

[security-announce] openSUSE-SU-2020:0685-1: moderate: Security update f

lists.opensuse.org

text/html

SUSE

openSUSE-SU-2020:0685

[security-announce] openSUSE-SU-2020:0763-1: moderate: Security update f

lists.opensuse.org

text/html

SUSE

openSUSE-SU-2020:0763

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to [comment@cve.report](mailto:comment@cve.report).

Related QID Numbers

980652

Python (pip) Security Update for rpyc (GHSA-pj4g-4488-wmxxm)

982946

Python (pip) Security Update for rpyc (GHSA-9ggp-4jpr-7ppj)

Known Affected Configurations (CPE V2.3)

| Type                                    | Vendor                       | Product              | Version | Update | Edition | Language |
|-----------------------------------------|------------------------------|----------------------|---------|--------|---------|----------|
| Application                             | <a href="#">Rpyc Project</a> | <a href="#">Rpyc</a> | All     | All    | All     | All      |
| cpe:2.3:a:rpyc_project:rpyc:*:*:*:*:*:: |                              |                      |         |        |         |          |

No vendor comments have been submitted for this CVE

← Previous ID

Next ID →