# CVE Detail – CVE-2021-29921

In Python before 3,9,5, the ipaddress library mishandles leading zero characters in the octets of an IP address string. This (in some situations) allows attackers to bypass access control that is based on IP addresses.

## Threat-Mapped Scoring

Score: 0.0

Priority: Unclassified

## EPSS

EPSS Score: N/A

Percentile: 0.837

## CVSS Scoring

CVSS v3.1 Score: 9.8

Severity: CRITICAL

## Affected Products

* cpe:2.3:a:python:python:\*:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:python:python:\*:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:oracle:communications\_cloud\_native\_core\_automated\_test\_suite:1.8.0:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:oracle:communications\_cloud\_native\_core\_binding\_support\_function:1.11.0:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:oracle:communications\_cloud\_native\_core\_network\_slice\_selection\_function:1.8.0:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:a:oracle:graalvm:20.3.2:\*:\*:\*:enterprise:\*:\*:\*
* cpe:2.3:a:oracle:graalvm:21.1.0:\*:\*:\*:enterprise:\*:\*:\*
* cpe:2.3:a:oracle:zfs\_storage\_appliance\_kit:8.8:\*:\*:\*:\*:\*:\*:\*