# CVE Detail – CVE-2019-20176

In Pure-FTPd 1.0.49, a stack exhaustion issue was discovered in the listdir function in ls.c.

## Threat-Mapped Scoring

Score: 0.0

Priority: Unclassified

## EPSS

EPSS Score: N/A

Percentile: 0.62489

## CVSS Scoring

CVSS v3.1 Score: 7.5

Severity: HIGH

## Mapped CWE(s)

* CWE-400: Uncontrolled Resource Consumption

## CAPEC(s)

* CAPEC-147: XML Ping of the Death
* CAPEC-227: Sustained Client Engagement
* CAPEC-492: Regular Expression Exponential Blowup

## ATT&CK Techniques

* T1499: Endpoint Denial of Service

## Used By (Actors/Tools)

* OnionDuke (malware)
* ZxShell (malware)
* Sandworm Team (intrusion-set)

## Affected Products

* cpe:2.3:a:pureftpd:pure-ftpd:1.0.49:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:fedoraproject:fedora:30:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:fedoraproject:fedora:31:\*:\*:\*:\*:\*:\*:\*