



# CVE-2019-5636

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## Summary

<b>CVE</b>	CVE-2019-5636
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@rapid7.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-11-21 20:15:00 UTC
<b>Updated</b>	2020-02-04 23:15:00 UTC
<b>Description</b>	When a Beckhoff TwinCAT Runtime receives a malformed UDP packet, the ADS Discovery Service shuts down. Note that

## Risk And Classification

**Problem Types:** CWE-404

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Beckhoff</a>	<a href="#">Twincat</a>	2.0	build2304	All	All
Application	<a href="#">Beckhoff</a>	<a href="#">Twincat</a>	3.1	build4024.0	All	All
Application	<a href="#">Beckhoff</a>	<a href="#">Twincat</a>	2.0	build2304	All	All
Application	<a href="#">Beckhoff</a>	<a href="#">Twincat</a>	3.1	build4024.0	All	All

## References

Reference	Source	Link	Tags
<a href="https://download.beckhoff.com/download/Document/product-security/Advisories/advisory-2019-0...">download.beckhoff.com/download/Document/product-security/Advisories/advisory-2019-0...</a>	CONFIRM	<a href="https://download.beckhoff.com">download.beckhoff.com</a>	Vendor
<a href="#">TwinCAT DoS Vulnerability Disclosure (CVE 2019-5637 &amp; 2019-5636)</a>	MISC	<a href="https://blog.rapid7.com">blog.rapid7.com</a>	Exploit,
<a href="#">CVE Program record</a>	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonic
<a href="#">NVD vulnerability detail</a>	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonic

## Vendor Comments And Credit

### Discovery Credit

**LEGACY:** This issue was discovered, and reported to Rapid7, by Andreas Galauner at Rapid7. It is being disclosed in accordance with Rapid7's vulnerability disclosure policy (<https://www.rapid7.com/disclosure/>).

There are currently no legacy QID mappings associated with this CVE.

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