



# CVE-2021-31409

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## Summary

<b>CVE</b>	CVE-2021-31409
<b>State</b>	PUBLIC
<b>Assigner</b>	security@vaadin.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-05-06 13:15:00 UTC
<b>Updated</b>	2021-05-13 19:24:00 UTC
<b>Description</b>	Unsafe validation RegEx in EmailValidator component in com.vaadin:vaadin-compatibility-server versions 8.0.0 through 8.1

## Risk And Classification

**Problem Types:** CWE-400

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Vaadin</a>	<a href="#">Vaadin</a>	All	All	All	All
Application	<a href="#">Vaadin</a>	<a href="#">Vaadin</a>	All	All	All	All

## References

### Reference

- CVE-2021-31409: Regular expression Denial of Service (ReDoS) in EmailValidator class in V7 compatibility module in Vaadin 8
- fix: Update regexp pattern of legacy EmailValidator by TatuLund · Pull Request #12241 · vaadin/framework · GitHub
- Vaadin 7 Compatibility Server - EmailValidator catastrophic exponential-time regular expression · Issue #12240 · vaadin/framework · GitHub
- CVE Program record
- NVD vulnerability detail

## Vendor Comments And Credit

### Discovery Credit

**LEGACY:** This issue was discovered and responsibly reported by Stefan Penndorf.

## Legacy QID Mappings

[982637](#) Java (maven) Security Update for com.vaadin:vaadin-compatibility-server (GHSA-c332-w4im-55wv)

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