

# Incomplete validation of cookie attributes

**Moderate** bdarnell published GHSA-78cv-mqj4-43f7 3 weeks ago

## Package

 **tornado** (pip)

### Affected versions

<= 6.5.4

### Patched versions

6.5.5

## Description

Values passed to the `domain`, `path`, and `samesite` arguments of `RequestHandler.set_cookie` were not completely validated in versions of Tornado prior to 6.5.5. In particular, semicolons would be allowed, which could be used to inject attacker-controlled values for other cookie attributes.

## Severity

**Moderate** 5.4 / 10

### CVSS v3 base metrics

Attack vector	Network
Attack complexity	Low
Privileges required	None
User interaction	Required
Scope	Unchanged
Confidentiality	Low
Integrity	Low
Availability	None

[Learn more about base metrics](#)

CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:L/I:L/A:N

### CVE ID

No known CVE

---

### Weaknesses

▶ CWE-74

---

### Credits



**DHIRAL2908**

Reporter