



# CVE-2022-28109

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

|                        |                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2022-28109                                                                                                           |
| <b>State</b>           | PUBLIC                                                                                                                   |
| <b>Assigner</b>        | cve@mitre.org                                                                                                            |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                             |
| <b>Published</b>       | 2022-04-15 16:15:00 UTC                                                                                                  |
| <b>Updated</b>         | 2022-04-25 16:24:00 UTC                                                                                                  |
| <b>Description</b>     | Selenium Selenium Grid (formerly Selenium Standalone Server) Fixed in 4.0.0-alpha-7 is affected by: DNS rebinding. The i |

## Risk And Classification

### Problem Types: CWE-352

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                   | Product                       | Version | Update | Edition | Language |
|-------------|--------------------------|-------------------------------|---------|--------|---------|----------|
| Application | <a href="#">Selenium</a> | <a href="#">Selenium Grid</a> | All     | All    | All     | All      |
| Application | <a href="#">Selenium</a> | <a href="#">Selenium Grid</a> | 4.0.0   | -      | All     | All      |
| Application | <a href="#">Selenium</a> | <a href="#">Selenium Grid</a> | 4.0.0   | alpha1 | All     | All      |
| Application | <a href="#">Selenium</a> | <a href="#">Selenium Grid</a> | 4.0.0   | alpha2 | All     | All      |
| Application | <a href="#">Selenium</a> | <a href="#">Selenium Grid</a> | 4.0.0   | alpha3 | All     | All      |
| Application | <a href="#">Selenium</a> | <a href="#">Selenium Grid</a> | 4.0.0   | alpha4 | All     | All      |
| Application | <a href="#">Selenium</a> | <a href="#">Selenium Grid</a> | 4.0.0   | alpha5 | All     | All      |
| Application | <a href="#">Selenium</a> | <a href="#">Selenium Grid</a> | 4.0.0   | alpha6 | All     | All      |

## References

| Reference                                                             | Source  | Link                                                           | Tags                |
|-----------------------------------------------------------------------|---------|----------------------------------------------------------------|---------------------|
| CSRF and DNS-rebinding to RCE in Selenium Server (Grid) - /dev/posts/ | MISC    | <a href="http://www.gabriel.urdhr.fr">www.gabriel.urdhr.fr</a> |                     |
| oss-security - Re: Browser-mediated attacks on WebDriver servers      | MLIST   | <a href="http://www.openwall.com">www.openwall.com</a>         |                     |
| oss-security - Browser-mediated attacks on WebDriver servers          | MISC    | <a href="http://www.openwall.com">www.openwall.com</a>         |                     |
| CVE Program record                                                    | CVE.ORG | <a href="http://www.cve.org">www.cve.org</a>                   | canonical           |
| NVD vulnerability detail                                              | NVD     | <a href="http://nvd.nist.gov">nvd.nist.gov</a>                 | canonical, analysis |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

**730603** Selenium Server (Grid) Domain Name System (DNS) Rebinding Remote Code Execution (RCE) Vulnerability (GHSA-r2fp-xp6r-99gj)

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