



# CVE-2021-29462

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## CVE-2021-29462 - advisory for GHSA-6hqq-w3jq-9fhg

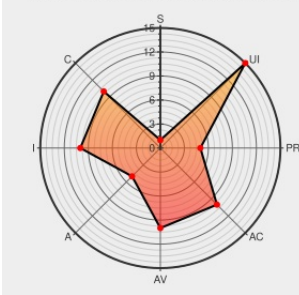
Source: Mitre

Source: NIST

CVE.ORG

Print: PDF

CVSS:31/AV:N/AC:L/PR:L/UI:R/S:U/C:H/I:H/A:L



Certain versions of **Pupnp** from **Pupnp Project** contain the following vulnerability:

The Portable SDK for UPnP Devices is an SDK for development of UPnP device and control point applications. The server part of pupnp (libupnp) appears to be vulnerable to DNS rebinding attacks because it does not check the value of the `Host` header. This can be mitigated by using DNS revolvers which block DNS-rebinding attacks. The vulnerability is fixed in version 1.14.6 and later.

CVE-2021-29462 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: pupnp - pupnp version < 1.14.6

CVSS3 Score: **9.8 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
<b>NETWORK</b>	<b>LOW</b>	<b>NONE</b>	<b>NONE</b>
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
<b>UNCHANGED</b>	<b>HIGH</b>	<b>HIGH</b>	<b>HIGH</b>

CVSS2 Score: **7.5 - HIGH**

Access Vector	Access Complexity	Authentication
<b>NETWORK</b>	<b>LOW</b>	<b>NONE</b>
Confidentiality Impact	Integrity Impact	Availability Impact
<b>PARTIAL</b>	<b>PARTIAL</b>	<b>PARTIAL</b>

## CVE References

Description	Type	Link
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Description	Tags	Links
oss-security - DNS rebinding vulnerability in pupnp	<a href="http://www.openwall.com/text/html">www.openwall.com text/html</a>	<a href="#">MLIST [oss-security] 20210420 DNS rebinding vulnerability in pupnp</a>
DNS rebinding in pupnp · Advisory · pupnp/pupnp · GitHub	<a href="https://github.com">github.com text/html</a>	<a href="https://github.com/pupnp/pupnp/security/advisories/GHSA-6hqq-w3jq-9fhg">CONFIRM github.com/pupnp/pupnp/security/advisories/GHSA-6hqq-w3jq-9fhg</a>

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There are currently no QIDs associated with this CVE

### Known Affected Configurations (CPE V2.3)



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

cpe:2.3:a:pupnp\_project:pupnp:\*:\*:\*:\*:\*:

No vendor comments have been submitted for this CVE

### Social Mentions

Source	Title	Posted (UTC)
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