



# CVE-2020-4988

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## CVE-2020-4988

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Loopback](#) from [Ibm](#) contain the following vulnerability:

Loopback 8.0.0 contains a vulnerability that could allow an attacker to manipulate or pollute Javascript values and cause a denial of service or possibly execute code. IBM X-Force ID: 192706.

CVE-2020-4988 has been assigned by [psirt@us.ibm.com](#) to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: [Loopback](#) - **Loopback** version **8.0.0**

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          | Tags                                                                                                         | Link                                                           |
|----------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| IBM X-Force Exchange | <a href="#">VDB Entry</a><br><a href="#">Vendor Advisory</a><br><a href="#">exchange.xforce.ibmcloud.com</a> | <a href="#">XF ibm-loopback-cve20204988-code-exec (192706)</a> |

[comment@cve.report](mailto:comment@cve.report).

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="#">Ibm</a> | <a href="#">Loopback</a> | 8.0.0   | All    | All     | All      |
| Application | <a href="#">Ibm</a> | <a href="#">Loopback</a> | 8.0.0   | All    | All     | All      |

```
cpe:2.3:a:ibm:loopback:8.0.0:*:*:*:*:*:*:*:
```

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cpe:2.3:a:ibm:loopback:8.0.0:*:*:*:*:*:*:
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No vendor comments have been submitted for this CVE

← Previous ID

Next ID→