



# CVE-2019-18213

Published on: 10/23/2019 12:00:00 AM UTC

Last Modified on: 07/21/2021 11:39:00 AM UTC

## CVE-2019-18213

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

Certain versions of [Wild Web Developer](#) from [Eclipse](#) contain the following vulnerability:

XML Language Server (aka lsp4xml) before 0.9.1, as used in Red Hat XML Language Support (aka vscode-xml) before 0.9.1 for Visual Studio and other products, allows XXE via a crafted XML document, with resultant SSRF (as well as SMB connection initiation that can lead to NetNTLM challenge/response capture for password cracking). This occurs in extensions/contentmodel/participants/diagnostics/LSPXMLParserConfiguration.java.

CVE-2019-18213 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>LOW</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: **6.5 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>SINGLE</b>       |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description                                                          | Tags                                                            | Link                                                                                                              |
|----------------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Don't open that XML: XXE to RCE in XML plugins for VS Code, Eclipse, | <a href="#">Exploit</a><br><a href="#">Third Party Advisory</a> | <a href="#">MISC www.shielder.it/blog/dont-open-that-xml-xxe-to-rce-in-xml-plugins-for-vs-code-eclipse-theia/</a> |

|                                                                                                                                    |                                                                                                                                  |                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Theia, ... - Shiedler                                                                                                              | <a href="#">www.shielder.it</a><br><a href="#">text/html</a>                                                                     |                                                                                                                                                                                            |
| lemminx/CHANGELOG.md at master · eclipse/lemminx · GitHub                                                                          | <a href="#">Release Notes</a><br><a href="#">Third Party Advisory</a><br><a href="#">github.com</a><br><a href="#">text/html</a> |  <a href="#">CONFIRM</a><br><a href="#">github.com/angelozerr/lsp4xml/blob/master/CHANGELOG.md#others</a> |
| Add disallowDocTypeDecl & resolveExternalEntities validation settings by angelozerr · Pull Request #566 · eclipse/lemminx · GitHub | <a href="#">Patch</a><br><a href="#">Third Party Advisory</a><br><a href="#">github.com</a><br><a href="#">text/html</a>         |  <a href="#">MISC</a> <a href="#">github.com/angelozerr/lsp4xml/pull/566</a>                              |
| GitHub - angelozerr/lsp4xml: XML Language Server                                                                                   | <a href="#">Product</a><br><a href="#">github.com</a><br><a href="#">text/html</a>                                               |  <a href="#">MISC</a> <a href="#">github.com/angelozerr/lsp4xml/</a>                                      |
| XML - Visual Studio Marketplace                                                                                                    | <a href="#">Third Party Advisory</a><br><a href="#">marketplace.visualstudio.com</a><br><a href="#">text/html</a>                |  <a href="#">MISC</a> <a href="#">marketplace.visualstudio.com/items?itemName=redhat.vscode-xml</a>       |
| GitHub - redhat-developer/vscode-xml: Editing XML in Visual Studio Code made easy                                                  | <a href="#">Patch</a><br><a href="#">Third Party Advisory</a><br><a href="#">github.com</a><br><a href="#">text/html</a>         |  <a href="#">MISC</a> <a href="#">github.com/redhat-developer/vscode-xml/</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="#">Eclipse</a>                     | <a href="#">Wild Web Developer</a>  | -       | All    | All     | All      |
| Application                                                            | <a href="#">Eclipse</a>                     | <a href="#">Wild Web Developer</a>  | -       | All    | All     | All      |
| Application                                                            | <a href="#">Theia Xml Extension Project</a> | <a href="#">Theia Xml Extension</a> | -       | All    | All     | All      |
| Application                                                            | <a href="#">Theia Xml Extension Project</a> | <a href="#">Theia Xml Extension</a> | -       | All    | All     | All      |
| Application                                                            | <a href="#">Xml Language Server Project</a> | <a href="#">Xml Server Project</a>  | All     | All    | All     | All      |
| Application                                                            | <a href="#">Xml Language Server Project</a> | <a href="#">Xml Server Project</a>  | All     | All    | All     | All      |
| cpe:2.3:a:eclipse:wild_web_developer:-:*:*:*:*:*:                      |                                             |                                     |         |        |         |          |
| cpe:2.3:a:eclipse:wild_web_developer:-:*:*:*:*:*:                      |                                             |                                     |         |        |         |          |
| cpe:2.3:a:theia_xml_extension_project:theia_xml_extension:-:*:*:*:*:*: |                                             |                                     |         |        |         |          |
| cpe:2.3:a:theia_xml_extension_project:theia_xml_extension:-:*:*:*:*:*: |                                             |                                     |         |        |         |          |
| cpe:2.3:a:xml_language_server_project:xml_server_project:*:*:*:*:*:*:  |                                             |                                     |         |        |         |          |
| cpe:2.3:a:xml_language_server_project:xml_server_project:*:*:*:*:*:*:  |                                             |                                     |         |        |         |          |

No vendor comments have been submitted for this CVE

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