

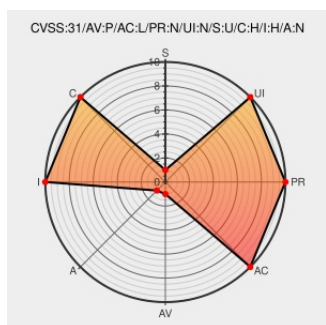


CVE-2021-1381

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CVE-2021-1381 - advisory for cisco-sa-XE-BLKX-Ouvrnf2s

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

Certain versions of **ios Xe** from **Cisco** contain the following vulnerability:

A vulnerability in Cisco IOS XE Software could allow an authenticated, local attacker with high privileges or an unauthenticated attacker with physical access to the device to open a debugging console. The vulnerability is due to insufficient command authorization restrictions.

An attacker could exploit this vulnerability by running commands on the hardware platform to open a debugging console. A successful exploit could allow the attacker to access a debugging console.

CVE-2021-1381 has been assigned by [psirt@cisco.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

The Cisco Product Security Incident Response Team (PSIRT) is not aware of any public announcements or malicious use of the vulnerability that is described in this advisory.

Affected Vendor/Software: [Cisco](#) - **Cisco IOS XE Software** version **n/a**

CVSS3 Score: **6.1 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
PHYSICAL	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	NONE

CVSS2 Score: **3.6 - LOW**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	NONE

CVE References

Description	Tags	Link
Cisco IOS XE Software Active Debug Code Vulnerability	tools.cisco.com text/html	 CISCO 20210324 Cisco IOS XE Software Active Debug Code Vulnerability
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Related QID Numbers

316916 Cisco IOS XE Software Active Debug Code Vulnerability(cisco-sa-XE-BLKH-Ouvrnf2s)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Cisco	ios Xe	16.11.1	All	All	All
Operating System	Cisco	ios Xe	16.11.1a	All	All	All
Operating System	Cisco	ios Xe	16.11.1b	All	All	All
Operating System	Cisco	ios Xe	16.11.1c	All	All	All
Operating System	Cisco	ios Xe	16.11.1s	All	All	All
Operating System	Cisco	ios Xe	16.11.2	All	All	All
Operating System	Cisco	ios Xe	16.12.1	All	All	All
Operating System	Cisco	ios Xe	16.12.1a	All	All	All
Operating System	Cisco	ios Xe	16.12.1c	All	All	All
Operating System	Cisco	ios Xe	16.12.1s	All	All	All
Operating System	Cisco	ios Xe	16.12.1t	All	All	All
Operating System	Cisco	ios Xe	16.12.1w	All	All	All
Operating System	Cisco	ios Xe	16.12.1x	All	All	All
Operating System	Cisco	ios Xe	16.12.1y	All	All	All
Operating System	Cisco	ios Xe	16.12.1z	All	All	All

System						
Operating System	Cisco	ios Xe	16.12.1za	All	All	All
Operating System	Cisco	ios Xe	16.12.2	All	All	All
Operating System	Cisco	ios Xe	16.12.2a	All	All	All
Operating System	Cisco	ios Xe	16.12.2s	All	All	All
Operating System	Cisco	ios Xe	16.12.2t	All	All	All
Operating System	Cisco	ios Xe	16.12.3	All	All	All
Operating System	Cisco	ios Xe	16.12.3a	All	All	All
Operating System	Cisco	ios Xe	16.12.3s	All	All	All
Operating System	Cisco	ios Xe	16.12.4	All	All	All
Operating System	Cisco	ios Xe	16.12.4a	All	All	All
Operating System	Cisco	ios Xe	17.1.1	All	All	All
Operating System	Cisco	ios Xe	17.1.1a	All	All	All
Operating System	Cisco	ios Xe	17.1.1s	All	All	All
Operating System	Cisco	ios Xe	17.1.1t	All	All	All
Operating System	Cisco	ios Xe	17.1.2	All	All	All
Operating System	Cisco	ios Xe	17.2.1	All	All	All
Operating System	Cisco	ios Xe	17.2.1a	All	All	All
Operating System	Cisco	ios Xe	17.2.1r	All	All	All
Operating System	Cisco	ios Xe	17.2.1v	All	All	All
Operating System	Cisco	ios Xe	17.2.2	All	All	All
Operating System	Cisco	ios Xe	17.2.3	All	All	All
cpe:2.3:o:cisco:ios_xe:16.11.1:*****:						
cpe:2.3:o:cisco:ios_xe:16.11.1a:*****:						

```
cpe:2.3:o:cisco:ios_xe:16.11.1b:*.~*~*~*~*~*~*~*~*~*
```

```
cpe:2.3:o:cisco:ios xe:16.11.1c:~::~::~:
```

```
cpe:2.3:o:cisco:ios_xe:16.11.1s:~::~::~:
```

```
cpe:2.3:o:cisco:ios_xe:16.11.2:*:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:ios_xe:16.12.1:*:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:ios_xe:16.12.1a:::~::~:
```

```
cpe:2.3:o:cisco:ios_xe:16.12.1c:*.:.:.:.:.:
```

```
cpe:2.3:o:cisco:ios_xe:16.12.1s:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:ios xe:16.12.1t:*.~*~*~*~*~*~*
```

```
cpe:2.3:o:cisco:ios xe:16.12.1w:::~
```

```
cpe:2.3:o:cisco:ios_xe:16.12.1x:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:ios_xe:16.12.1y:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:ios_xe:16.12.1z:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:ios_xe:16.12.1za:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:ios_xe:16.12.2:*:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:ios_xe:16.12.2a:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:ios xe:16.12.2s:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:ios_xe:16.12.2t:*:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:ios_xe:16.12.3:*:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:ios_xe:16.12.3a:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:ios_xe:16.12.3s:*.~*~*~*~*~*~*~*~*~*
```

```
cpe:2.3:o:cisco:ios_xe:16.12.4:*:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:ios_xe:16.12.4a:~::~::~:
```

```
cpe:2.3:o:cisco:ios_xe:17.1.1:*:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:ios_xe:17.1.1a:*:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:ios_xe:17.1.1s:*:*:*:*:*:*:
```

```
cpe:2.3:o:cisco:ios_xe:17.1.1t:::*:*:*:*:
```

```
cpe:2.3:o:cisco:ios_xe:17.1.2:*:*:*:*:*:
```

cpe:2.3:o:cisco:ios_xe:17.2.1:*****:
cpe:2.3:o:cisco:ios_xe:17.2.1a:*****:
cpe:2.3:o:cisco:ios_xe:17.2.1r:*****:
cpe:2.3:o:cisco:ios_xe:17.2.1v:*****:
cpe:2.3:o:cisco:ios_xe:17.2.2:*****:
cpe:2.3:o:cisco:ios_xe:17.2.3:*****:

No vendor comments have been submitted for this CVE

Social Mentions		
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