



# CVE-2016-7253

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

## Summary

|                 |                                                                                                                     |
|-----------------|---------------------------------------------------------------------------------------------------------------------|
| CVE             | CVE-2016-7253                                                                                                       |
| State           | PUBLISHED                                                                                                           |
| Assigner        | microsoft                                                                                                           |
| Source Priority | CVE Program / NVD first with legacy fallback                                                                        |
| Published       | 2016-11-10 07:00:07 UTC                                                                                             |
| Updated         | 2026-05-06 22:30:45 UTC                                                                                             |
| Description     | The agent in Microsoft SQL Server 2012 SP2, 2012 SP3, 2014 SP1, 2014 SP2, and 2016 does not properly check the atxc |

## Risk And Classification

Primary CVSS: v3.0 8.8 HIGH from nvd@nist.gov

CVSS:3.0/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

EPSS: 0.182230000 probability, percentile 0.952430000 (date 2026-05-10)

Problem Types: CWE-264 | n/a

| Version | Source       | Type    | Score | Severity | Vector                                       |
|---------|--------------|---------|-------|----------|----------------------------------------------|
| 3.0     | nvd@nist.gov | Primary | 8.8   | HIGH     | CVSS:3.0/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H |
| 2.0     | nvd@nist.gov | Primary | 6.5   |          | AV:N/AC:L/Au:S/C:P/I:P/A:P                   |

## CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

CVSS:3.0/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

Single

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:L/Au:S/C:P/I:P/A:P

NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor    | Product    | Version | Update | Edition | Language |
|-------------|-----------|------------|---------|--------|---------|----------|
| Application | Microsoft | Sql Server | 2012    | sp2    | All     | All      |
| Application | Microsoft | Sql Server | 2012    | sp3    | All     | All      |
| Application | Microsoft | Sql Server | 2014    | sp1    | All     | All      |
| Application | Microsoft | Sql Server | 2014    | sp2    | All     | All      |

Vendor Declared Affected Products

| Source | Vendor | Product | Version      | Platforms     |
|--------|--------|---------|--------------|---------------|
| CNA    | Na     | N/a     | affected n/a | Not specified |

References

| Reference                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------|
| Microsoft SQL Server Flaws Let Remote Users Conduct Cross-Site Scripting Attacks and Remote Authenticated Users Obtain Potentially Sen |
| Microsoft Security Bulletin MS16-136 - Important   Microsoft Docs                                                                      |
| Microsoft SQL Server CVE-2016-7253 Privilege Escalation Vulnerability                                                                  |
| CVE Program record                                                                                                                     |
| NVD vulnerability detail                                                                                                               |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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