



# CVE-2016-0320

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

| Summary         |                                                                                                                       |
|-----------------|-----------------------------------------------------------------------------------------------------------------------|
| CVE             | CVE-2016-0320                                                                                                         |
| State           | PUBLISHED                                                                                                             |
| Assigner        | ibm                                                                                                                   |
| Source Priority | CVE Program / NVD first with legacy fallback                                                                          |
| Published       | 2017-02-01 22:59:00 UTC                                                                                               |
| Updated         | 2025-04-20 01:37:25 UTC                                                                                               |
| Description     | IBM UrbanCode Deploy could allow an authenticated user to modify Ucd objects due to multiple REST endpoints not prope |

Risk And Classification

Primary CVSS: v3.0 4.3 MEDIUM from nvd@nist.gov

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

Problem Types: CWE-284 | Bypass Security

| Version | Source       | Type    | Score | Severity | Vector                                       |
|---------|--------------|---------|-------|----------|----------------------------------------------|
| 3.0     | nvd@nist.gov | Primary | 4.3   | MEDIUM   | CVSS:3.0/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:L/A:N |
| 2.0     | nvd@nist.gov | Primary | 4     |          | AV:N/AC:L/Au:S/C:N/I:P/A:N                   |

| CVSS v3.0 Breakdown |           |
|---------------------|-----------|
| Attack Vector       | Network   |
| Attack Complexity   | Low       |
| Privileges Required | Low       |
| User Interaction    | None      |
| Scope               | Unchanged |
| Confidentiality     | None      |
| Integrity           | Low       |
| Availability        |           |

None

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

## CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

Single

Confidentiality

None

Integrity

Partial

Availability

None

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

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor | Product          | Version  | Update | Edition | Language |
|-------------|--------|------------------|----------|--------|---------|----------|
| Application | ibm    | Urbancode Deploy | 6.0      | All    | All     | All      |
| Application | ibm    | Urbancode Deploy | 6.0.1    | All    | All     | All      |
| Application | ibm    | Urbancode Deploy | 6.0.1.1  | All    | All     | All      |
| Application | ibm    | Urbancode Deploy | 6.0.1.10 | All    | All     | All      |
| Application | ibm    | Urbancode Deploy | 6.0.1.11 | All    | All     | All      |
| Application | ibm    | Urbancode Deploy | 6.0.1.12 | All    | All     | All      |
| Application | ibm    | Urbancode Deploy | 6.0.1.13 | All    | All     | All      |
| Application | ibm    | Urbancode Deploy | 6.0.1.14 | All    | All     | All      |
| Application | ibm    | Urbancode Deploy | 6.0.1.2  | All    | All     | All      |
| Application | ibm    | Urbancode Deploy | 6.0.1.3  | All    | All     | All      |
| Application | ibm    | Urbancode Deploy | 6.0.1.4  | All    | All     | All      |
| Application | ibm    | Urbancode Deploy | 6.0.1.5  | All    | All     | All      |
| Application | ibm    | Urbancode Deploy | 6.0.1.6  | All    | All     | All      |
| Application | ibm    | Urbancode Deploy | 6.0.1.7  | All    | All     | All      |
| Application | ibm    | Urbancode Deploy | 6.0.1.8  | All    | All     | All      |
| Application | ibm    | Urbancode Deploy | 6.0.1.9  | All    | All     | All      |
| Application | ibm    | Urbancode Deploy | 6.1      | All    | All     | All      |

|             |     |                  |         |     |     |     |
|-------------|-----|------------------|---------|-----|-----|-----|
| Application | lbn | UrbanCode Deploy | 6.1.0.1 | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.1.0.2 | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.1.0.3 | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.1.0.4 | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.1.1   | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.1.1.1 | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.1.1.2 | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.1.1.3 | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.1.1.4 | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.1.1.5 | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.1.1.6 | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.1.1.7 | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.1.1.8 | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.1.2   | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.1.3   | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.1.3.1 | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.1.3.2 | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.1.3.3 | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.2.0.0 | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.2.0.1 | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.2.0.2 | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.2.1   | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.2.1.1 | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.2.2   | All | All | All |
| Application | lbn | UrbanCode Deploy | 6.2.2.1 | All | All | All |

| Vendor Declared Affected Products |                 |                  |                  |  |               |  |
|-----------------------------------|-----------------|------------------|------------------|--|---------------|--|
| Source                            | Vendor          | Product          | Version          |  | Platforms     |  |
| CNA                               | IBM Corporation | UrbanCode Deploy | affected 6.1.0.2 |  | Not specified |  |
| CNA                               | IBM Corporation | UrbanCode Deploy | affected 6.0     |  | Not specified |  |
| CNA                               | IBM Corporation | UrbanCode Deploy | affected 6.0.1   |  | Not specified |  |
| CNA                               | IBM Corporation | UrbanCode Deploy | affected 6.0.1.1 |  | Not specified |  |
| CNA                               | IBM Corporation | UrbanCode Deploy | affected 6.0.1.2 |  | Not specified |  |
| CNA                               | IBM Corporation | UrbanCode Deploy | affected 6.0.1.3 |  | Not specified |  |
| CNA                               | IBM Corporation | UrbanCode Deploy | affected 6.0.1.4 |  | Not specified |  |
| CNA                               | IBM Corporation | UrbanCode Deploy | affected 6.0.1.5 |  | Not specified |  |

|     |                                 |                                  |                   |               |
|-----|---------------------------------|----------------------------------|-------------------|---------------|
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.0.1.6  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.1      | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.1.0.1  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.1.0.3  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.0.1.7  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.0.1.8  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.1.0.4  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.1.1    | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.1.1.1  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.1.1.2  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.1.1.3  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.1.1.4  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.1.1.5  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.0.1.9  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.1.1.6  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.1.1.7  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.1.2    | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.0.1.10 | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.0.1.11 | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.1.1.8  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.1.3    | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.1.3.1  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.2      | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.2.0.1  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.0.1.12 | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.1.3.2  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.2.0.2  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.2.1    | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.0.1.13 | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.2.1.1  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.0.1.14 | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.1.3.3  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.2.1.2  | Not specified |
| CNA | <a href="#">IBM Corporation</a> | <a href="#">UrbanCode Deploy</a> | affected 6.2.2    | Not specified |

## References

### Reference

IBM Security Bulletin: REST endpoints do not properly authorize, allowing users to modify data with insufficient permissions (CVE-2016-0320)

IBM UrbanCode Deploy CVE-2016-0320 Security Bypass 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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