



# CVE-2017-8448

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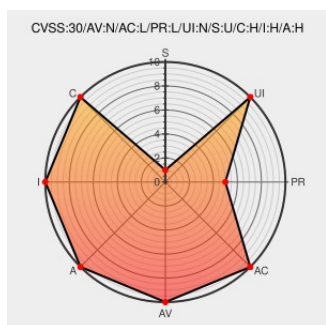
## CVE-2017-8448

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [X-pack](#) from [Elastic](#) contain the following vulnerability:

An error was found in the permission model used by X-Pack Alerting 5.0.0 to 5.6.0 whereby users mapped to certain built-in roles could create a watch that results in that user gaining elevated privileges.

CVE-2017-8448 has been assigned by security@elastic.co to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Elastic - Elastic X-Pack Alerting** version **5.0.0 to 5.6.0**

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                                                                                              |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| X-Pack Alerting and Kibana 5.6.1 security update - Security Announcements - Discuss the Elastic Stack | <a href="#">Mitigation</a><br><a href="#">Vendor Advisory</a><br><a href="#">discuss.elastic.co</a> | <a href="#">MISC discuss.elastic.co/t/x-pack-alerting-and-kibana-5-6-1-security-update/101884</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="#">Elastic</a> | <a href="#">X-pack</a> | 5.0.0   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.0.1   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.0.2   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.1.1   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.2.0   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.2.1   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.2.2   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.3.0   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.3.1   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.3.2   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.3.3   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.4.0   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.5.0   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.5.2   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.6.0   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.0.0   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.0.1   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.0.2   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.1.1   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.2.0   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.2.1   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.2.2   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.3.0   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.3.1   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.3.2   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.3.3   | All    | All     | All      |
| Application | <a href="#">Elastic</a> | <a href="#">X-pack</a> | 5.4.0   | All    | All     | All      |

|                                       |         |        |       |     |     |     |
|---------------------------------------|---------|--------|-------|-----|-----|-----|
| Application                           | Elastic | X-pack | 5.5.0 | All | All | All |
| Application                           | Elastic | X-pack | 5.5.2 | All | All | All |
| Application                           | Elastic | X-pack | 5.6.0 | All | All | All |
| cpe:2.3:a:elastic:x-pack:5.0.0:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.0.1:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.0.2:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.1.1:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.2.0:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.2.1:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.2.2:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.3.0:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.3.1:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.3.2:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.3.3:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.4.0:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.5.0:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.5.2:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.6.0:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.0.0:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.0.1:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.0.2:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.1.1:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.2.0:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.2.1:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.2.2:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.3.0:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.3.1:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.3.2:*****: |         |        |       |     |     |     |
| cpe:2.3:a:elastic:x-pack:5.3.3:*****: |         |        |       |     |     |     |

|                                                     |                           |
|-----------------------------------------------------|---------------------------|
| cpe:2.3:a:elastic:x-pack:5.4.0:*****:               |                           |
| cpe:2.3:a:elastic:x-pack:5.5.0:*****:               |                           |
| cpe:2.3:a:elastic:x-pack:5.5.2:*****:               |                           |
| cpe:2.3:a:elastic:x-pack:5.6.0:*****:               |                           |
| No vendor comments have been submitted for this CVE |                           |
| <a href="#">← Previous ID</a>                       | <a href="#">Next ID →</a> |