



CVE-2017-10604

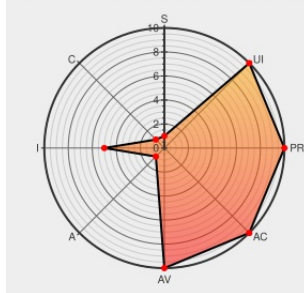
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CVE-2017-10604

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

CVSS:30/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:N



Certain versions of **Junos** from **Juniper** contain the following vulnerability:

When the device is configured to perform account lockout with a defined period of time, any unauthenticated user attempting to log in as root with an incorrect password can trigger a lockout of the root account. When an SRX Series device is in cluster mode, and a cluster sync or failover operation occurs, then there will be errors associated

with synch or failover while the root account is locked out. Administrators can confirm if the root account is locked out via the following command `root@device> show system login lockout user root` User Lockout start Lockout end root 1995-01-01 01:00:01 PDT 1995-11-01 01:31:01 PDT Affected releases are Juniper Networks Junos OS 12.1X46 prior to 12.1X46-D65 on SRX series; 12.3X48 prior to 12.3X48-D45 on SRX series; 15.1X49 prior to 15.1X49-D75 on SRX series.

CVE-2017-10604 has been assigned by [sirt@juniper.net](#) to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **Juniper Networks - Junos OS version 12.1X46 prior to 12.1X46-D65**

Affected Vendor/Software: **Juniper Networks - Junos OS version 12.3X48 prior to 12.3X48-D45**

Affected Vendor/Software: **Juniper Networks - Junos OS version 15.1X49 prior to 15.1X49-D75**

Vulnerability Patch/Work Around

The lockout feature does not impact console access for the root account. Administrators may login via console, and block the offending incoming traffic which is causing the root account from being locked out via SSH connection attempts to restore cluster sync services from erroring or failing. Administrators may block the offending SSH traffic from an upstream device. Use access lists or firewall filters to limit access to the device only from trusted administrative hosts, networks and users.

CVSS3 Score: **5.3 - MEDIUM**

Attack
Vector

NETWORK

Attack
Complexity

LOW

Privileges
Required

NONE

User
Interaction

NONE

Scope	Confidentiality Impact	Integrity Impact	Availability Impact			
UNCHANGED	NONE	NONE	LOW			
CVSS2 Score: 5 - MEDIUM						
Access Vector	Access Complexity	Authentication				
NETWORK	LOW	NONE				
Confidentiality Impact	Integrity Impact	Availability Impact				
NONE	NONE	PARTIAL				
CVE References						
Description	Tags		Link			
2017-07 Security Bulletin: Junos OS: SRX Series: Cluster configuration synch failures occur if the root user account is locked out (CVE-2017-10604) - Juniper Networks	Vendor Advisory kb.juniper.net text/html		 CONFIRM kb.juniper.net/JSA10806			
Juniper Junos SRX Series Cluster Mode Account Lockout Bug Lets Remote Users Deny Service - SecurityTracker	Third Party Advisory VDB Entry www.securitytracker.com text/html		 SECTRAK 1038886			
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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
Operating System	Juniper	Junos	12.1x46	All	All	All
Operating System	Juniper	Junos	12.1x46	d10	All	All
Operating System	Juniper	Junos	12.1x46	d15	All	All
Operating System	Juniper	Junos	12.1x46	d20	All	All
Operating System	Juniper	Junos	12.1x46	d25	All	All
Operating System	Juniper	Junos	12.1x46	d30	All	All
Operating System	Juniper	Junos	12.1x46	d35	All	All
Operating System	Juniper	Junos	12.1x46	d40	All	All

System						
Operating System	Juniper	Junos	12.1x46	d45	All	All
Operating System	Juniper	Junos	12.1x46	d50	All	All
Operating System	Juniper	Junos	12.1x46	d55	All	All
Operating System	Juniper	Junos	12.3x48	All	All	All
Operating System	Juniper	Junos	12.3x48	d10	All	All
Operating System	Juniper	Junos	12.3x48	d15	All	All
Operating System	Juniper	Junos	12.3x48	d20	All	All
Operating System	Juniper	Junos	12.3x48	d25	All	All
Operating System	Juniper	Junos	12.3x48	d30	All	All
Operating System	Juniper	Junos	12.3x48	d35	All	All
Operating System	Juniper	Junos	12.3x48	d40	All	All
Operating System	Juniper	Junos	15.1x49	All	All	All
Operating System	Juniper	Junos	15.1x49	d10	All	All
Operating System	Juniper	Junos	15.1x49	d20	All	All
Operating System	Juniper	Junos	15.1x49	d30	All	All
Operating System	Juniper	Junos	15.1x49	d35	All	All
Operating System	Juniper	Junos	15.1x49	d40	All	All
Operating System	Juniper	Junos	15.1x49	d45	All	All
Operating System	Juniper	Junos	15.1x49	d50	All	All
Operating System	Juniper	Junos	15.1x49	d55	All	All
Operating System	Juniper	Junos	15.1x49	d60	All	All
Operating System	Juniper	Junos	15.1x49	d65	All	All
Operating System	Juniper	Junos	15.1x49	d70	All	All

System						
Operating System	Juniper	Junos	12.1x46	All	All	All
Operating System	Juniper	Junos	12.1x46	d10	All	All
Operating System	Juniper	Junos	12.1x46	d15	All	All
Operating System	Juniper	Junos	12.1x46	d20	All	All
Operating System	Juniper	Junos	12.1x46	d25	All	All
Operating System	Juniper	Junos	12.1x46	d30	All	All
Operating System	Juniper	Junos	12.1x46	d35	All	All
Operating System	Juniper	Junos	12.1x46	d40	All	All
Operating System	Juniper	Junos	12.1x46	d45	All	All
Operating System	Juniper	Junos	12.1x46	d50	All	All
Operating System	Juniper	Junos	12.1x46	d55	All	All
Operating System	Juniper	Junos	12.3x48	All	All	All
Operating System	Juniper	Junos	12.3x48	d10	All	All
Operating System	Juniper	Junos	12.3x48	d15	All	All
Operating System	Juniper	Junos	12.3x48	d20	All	All
Operating System	Juniper	Junos	12.3x48	d25	All	All
Operating System	Juniper	Junos	12.3x48	d30	All	All
Operating System	Juniper	Junos	12.3x48	d35	All	All
Operating System	Juniper	Junos	12.3x48	d40	All	All
Operating System	Juniper	Junos	15.1x49	All	All	All
Operating System	Juniper	Junos	15.1x49	d10	All	All
Operating System	Juniper	Junos	15.1x49	d20	All	All
Operating	Juniper	Junos	15.1x49	d30	All	All

System						
Operating System	Juniper	Junos	15.1x49	d35	All	All
Operating System	Juniper	Junos	15.1x49	d40	All	All
Operating System	Juniper	Junos	15.1x49	d45	All	All
Operating System	Juniper	Junos	15.1x49	d50	All	All
Operating System	Juniper	Junos	15.1x49	d55	All	All
Operating System	Juniper	Junos	15.1x49	d60	All	All
Operating System	Juniper	Junos	15.1x49	d65	All	All
Operating System	Juniper	Junos	15.1x49	d70	All	All
Hardware  	Juniper	Srx	-	All	All	All
Hardware  	Juniper	Srx	-	All	All	All
cpe:2.3:o:juniper:junos:12.1x46:*****:						
cpe:2.3:o:juniper:junos:12.1x46:d10:*****:						
cpe:2.3:o:juniper:junos:12.1x46:d15:*****:						
cpe:2.3:o:juniper:junos:12.1x46:d20:*****:						
cpe:2.3:o:juniper:junos:12.1x46:d25:*****:						
cpe:2.3:o:juniper:junos:12.1x46:d30:*****:						
cpe:2.3:o:juniper:junos:12.1x46:d35:*****:						
cpe:2.3:o:juniper:junos:12.1x46:d40:*****:						
cpe:2.3:o:juniper:junos:12.1x46:d45:*****:						
cpe:2.3:o:juniper:junos:12.1x46:d50:*****:						
cpe:2.3:o:juniper:junos:12.1x46:d55:*****:						
cpe:2.3:o:juniper:junos:12.3x48:*****:						
cpe:2.3:o:juniper:junos:12.3x48:d10:*****:						
cpe:2.3:o:juniper:junos:12.3x48:d15:*****:						
cpe:2.3:o:juniper:junos:12.3x48:d20:*****:						
cpe:2.3:o:juniper:junos:12.3x48:d25:*****:						

```
cpe:2.3:o:juniper:junos:12.3x48:d30:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.3x48:d35:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.3x48:d40:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d10:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d20:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d30:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d35:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d40:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d45:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d50:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d55:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d60:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d65:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:15.1x49:d70:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.1x46:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.1x46:d10:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.1x46:d15:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.1x46:d20:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.1x46:d25:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.1x46:d30:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.1x46:d35:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.1x46:d40:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.1x46:d45:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.1x46:d50:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.1x46:d55:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.3x48:*:*:*:*:*:
```

```
cpe:2.3:o:juniper:junos:12.3x48:d10:*:*:*:*:*:
```

000'0 2'0'iuninori:iunoo'10 2v1Q'd1E.*.*.*.*.*.

cpe:2.3:o:juniper:junos:12.3x48:d10:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:12.3x48:d20:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:12.3x48:d25:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:12.3x48:d30:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:12.3x48:d35:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:12.3x48:d40:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1x49:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1x49:d10:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1x49:d20:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1x49:d30:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1x49:d35:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1x49:d40:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1x49:d45:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1x49:d50:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1x49:d55:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1x49:d60:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1x49:d65:~::~~::~~::~~::~::
cpe:2.3:o:juniper:junos:15.1x49:d70:~::~~::~~::~~::~::
cpe:2.3:h:juniper:srx:-~::~~::~~::~~::~::
cpe:2.3:h:juniper:srx:-~::~~::~~::~~::~::

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