

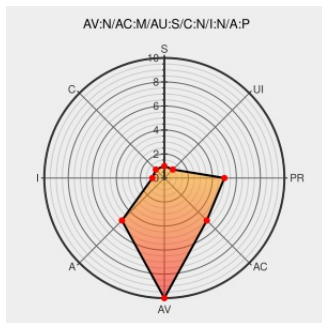


CVE-2011-5000

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CVE-2011-5000

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

Certain versions of [Openssh](#) from [Openbsd](#) contain the following vulnerability:

The `ssh_gssapi_parse_ename` function in `gss-serv.c` in OpenSSH 5.8 and earlier, when `gssapi-with-mic` authentication is enabled, allows remote authenticated users to cause a denial of service (memory consumption) via a large value in a certain length field. NOTE: there may be limited scenarios in which this issue is relevant.

CVE-2011-5000 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **3.5 - LOW**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
Full Disclosure: Useless OpenSSH resources exhaustion bug via GSSAPI	Exploit seclists.org text/html	FULLDISC 20110801 Useless OpenSSH resources exhaustion bug via GSSAPI
	Exploit site.pi3.com.pl text/plain	MISC site.pi3.com.pl/adv/ssh_1.txt
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2012:0884

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Related QID Numbers

[38866](#) OpenSSH Denial of Service (DoS) Vulnerability

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Openbsd	Openssh	1.2	All	All	All
Application	Openbsd	Openssh	1.2.1	All	All	All
Application	Openbsd	Openssh	1.2.2	All	All	All
Application	Openbsd	Openssh	1.2.27	All	All	All
Application	Openbsd	Openssh	1.2.3	All	All	All
Application	Openbsd	Openssh	1.3	All	All	All
Application	Openbsd	Openssh	1.5	All	All	All
Application	Openbsd	Openssh	1.5.7	All	All	All
Application	Openbsd	Openssh	1.5.8	All	All	All
Application	Openbsd	Openssh	3.0	All	All	All
Application	Openbsd	Openssh	3.0.1	All	All	All
Application	Openbsd	Openssh	3.0.1p1	All	All	All
Application	Openbsd	Openssh	3.0.2	All	All	All
Application	Openbsd	Openssh	3.0.2p1	All	All	All
Application	Openbsd	Openssh	3.0p1	All	All	All
Application	Openbsd	Openssh	3.1	All	All	All
Application	Openbsd	Openssh	3.1p1	All	All	All
Application	Openbsd	Openssh	3.2	All	All	All
Application	Openbsd	Openssh	3.2.2	All	All	All
Application	Openbsd	Openssh	3.2.2p1	All	All	All
Application	Openbsd	Openssh	3.2.3p1	All	All	All
Application	Openbsd	Openssh	3.3	All	All	All
Application	Openbsd	Openssh	3.3p1	All	All	All
Application	Openbsd	Openssh	3.4	All	All	All
Application	Openbsd	Openssh	3.4p1	All	All	All
Application	Openbsd	Openssh	3.5	All	All	All
Application	Openbsd	Openssh	3.5p1	All	All	All
Application	Openbsd	Openssh	3.6	All	All	All
Application	Openbsd	Openssh	3.6.1	All	All	All

Application	Openbsd	Openssh	Open	Free	Free	Free
Application	Openbsd	Openssh	3.6.1p1	All	All	All
Application	Openbsd	Openssh	3.6.1p2	All	All	All
Application	Openbsd	Openssh	3.7	All	All	All
Application	Openbsd	Openssh	3.7.1	All	All	All
Application	Openbsd	Openssh	3.7.1p1	All	All	All
Application	Openbsd	Openssh	3.7.1p2	All	All	All
Application	Openbsd	Openssh	3.8	All	All	All
Application	Openbsd	Openssh	3.8.1	All	All	All
Application	Openbsd	Openssh	3.8.1p1	All	All	All
Application	Openbsd	Openssh	3.9	All	All	All
Application	Openbsd	Openssh	3.9.1	All	All	All
Application	Openbsd	Openssh	3.9.1p1	All	All	All
Application	Openbsd	Openssh	4.0	All	All	All
Application	Openbsd	Openssh	4.0p1	All	All	All
Application	Openbsd	Openssh	4.1	All	All	All
Application	Openbsd	Openssh	4.1p1	All	All	All
Application	Openbsd	Openssh	4.2	All	All	All
Application	Openbsd	Openssh	4.2p1	All	All	All
Application	Openbsd	Openssh	4.3	All	All	All
Application	Openbsd	Openssh	4.3p1	All	All	All
Application	Openbsd	Openssh	4.3p2	All	All	All
Application	Openbsd	Openssh	4.4	All	All	All
Application	Openbsd	Openssh	4.4p1	All	All	All
Application	Openbsd	Openssh	4.5	All	All	All
Application	Openbsd	Openssh	4.6	All	All	All
Application	Openbsd	Openssh	4.7	All	All	All
Application	Openbsd	Openssh	4.8	All	All	All
Application	Openbsd	Openssh	4.9	All	All	All
Application	Openbsd	Openssh	5.0	All	All	All
Application	Openbsd	Openssh	5.1	All	All	All
Application	Openbsd	Openssh	5.2	All	All	All
Application	Openbsd	Openssh	5.3	All	All	All
Application	Openbsd	Openssh	5.4	All	All	All
Application	Openbsd	Openssh	5.5	All	All	All
Application	Openbsd	Openssh	5.6	All	All	All

Application	Openbsd	Openssh	5.7	All	All	All
Application	Openbsd	Openssh	1.2	All	All	All
Application	Openbsd	Openssh	1.2.1	All	All	All
Application	Openbsd	Openssh	1.2.2	All	All	All
Application	Openbsd	Openssh	1.2.27	All	All	All
Application	Openbsd	Openssh	1.2.3	All	All	All
Application	Openbsd	Openssh	1.3	All	All	All
Application	Openbsd	Openssh	1.5	All	All	All
Application	Openbsd	Openssh	1.5.7	All	All	All
Application	Openbsd	Openssh	1.5.8	All	All	All
Application	Openbsd	Openssh	3.0	All	All	All
Application	Openbsd	Openssh	3.0.1	All	All	All
Application	Openbsd	Openssh	3.0.1p1	All	All	All
Application	Openbsd	Openssh	3.0.2	All	All	All
Application	Openbsd	Openssh	3.0.2p1	All	All	All
Application	Openbsd	Openssh	3.0p1	All	All	All
Application	Openbsd	Openssh	3.1	All	All	All
Application	Openbsd	Openssh	3.1p1	All	All	All
Application	Openbsd	Openssh	3.2	All	All	All
Application	Openbsd	Openssh	3.2.2	All	All	All
Application	Openbsd	Openssh	3.2.2p1	All	All	All
Application	Openbsd	Openssh	3.2.3p1	All	All	All
Application	Openbsd	Openssh	3.3	All	All	All
Application	Openbsd	Openssh	3.3p1	All	All	All
Application	Openbsd	Openssh	3.4	All	All	All
Application	Openbsd	Openssh	3.4p1	All	All	All
Application	Openbsd	Openssh	3.5	All	All	All
Application	Openbsd	Openssh	3.5p1	All	All	All
Application	Openbsd	Openssh	3.6	All	All	All
Application	Openbsd	Openssh	3.6.1	All	All	All
Application	Openbsd	Openssh	3.6.1p1	All	All	All
Application	Openbsd	Openssh	3.6.1p2	All	All	All
Application	Openbsd	Openssh	3.7	All	All	All
Application	Openbsd	Openssh	3.7.1	All	All	All
Application	Openbsd	Openssh	3.7.1p1	All	All	All

Application	Openbsd	Openssh	3.7.1p2	All	All	All
Application	Openbsd	Openssh	3.8	All	All	All
Application	Openbsd	Openssh	3.8.1	All	All	All
Application	Openbsd	Openssh	3.8.1p1	All	All	All
Application	Openbsd	Openssh	3.9	All	All	All
Application	Openbsd	Openssh	3.9.1	All	All	All
Application	Openbsd	Openssh	3.9.1p1	All	All	All
Application	Openbsd	Openssh	4.0	All	All	All
Application	Openbsd	Openssh	4.0p1	All	All	All
Application	Openbsd	Openssh	4.1	All	All	All
Application	Openbsd	Openssh	4.1p1	All	All	All
Application	Openbsd	Openssh	4.2	All	All	All
Application	Openbsd	Openssh	4.2p1	All	All	All
Application	Openbsd	Openssh	4.3	All	All	All
Application	Openbsd	Openssh	4.3p1	All	All	All
Application	Openbsd	Openssh	4.3p2	All	All	All
Application	Openbsd	Openssh	4.4	All	All	All
Application	Openbsd	Openssh	4.4p1	All	All	All
Application	Openbsd	Openssh	4.5	All	All	All
Application	Openbsd	Openssh	4.6	All	All	All
Application	Openbsd	Openssh	4.7	All	All	All
Application	Openbsd	Openssh	4.8	All	All	All
Application	Openbsd	Openssh	4.9	All	All	All
Application	Openbsd	Openssh	5.0	All	All	All
Application	Openbsd	Openssh	5.1	All	All	All
Application	Openbsd	Openssh	5.2	All	All	All
Application	Openbsd	Openssh	5.3	All	All	All
Application	Openbsd	Openssh	5.4	All	All	All
Application	Openbsd	Openssh	5.5	All	All	All
Application	Openbsd	Openssh	5.6	All	All	All
Application	Openbsd	Openssh	5.7	All	All	All
Application	Openbsd	Openssh	All	All	All	All
cpe:2.3:a:openbsd:openssh:1.2:*****:						
cpe:2.3:a:openbsd:openssh:1.2.1:*****:						
cpe:2.3:a:openbsd:openssh:1.2.2:*****:						

cpe:2.3:a:openbsd:openssh:1.2.27:*****:
cpe:2.3:a:openbsd:openssh:1.2.3:*****:
cpe:2.3:a:openbsd:openssh:1.3:*****:
cpe:2.3:a:openbsd:openssh:1.5:*****:
cpe:2.3:a:openbsd:openssh:1.5.7:*****:
cpe:2.3:a:openbsd:openssh:1.5.8:*****:
cpe:2.3:a:openbsd:openssh:3.0:*****:
cpe:2.3:a:openbsd:openssh:3.0.1:*****:
cpe:2.3:a:openbsd:openssh:3.0.1p1:*****:
cpe:2.3:a:openbsd:openssh:3.0.2:*****:
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cpe:2.3:a:openbsd:openssh:3.0p1:*****:
cpe:2.3:a:openbsd:openssh:3.1:*****:
cpe:2.3:a:openbsd:openssh:3.1p1:*****:
cpe:2.3:a:openbsd:openssh:3.2:*****:
cpe:2.3:a:openbsd:openssh:3.2.2:*****:
cpe:2.3:a:openbsd:openssh:3.2.2p1:*****:
cpe:2.3:a:openbsd:openssh:3.2.3p1:*****:
cpe:2.3:a:openbsd:openssh:3.3:*****:
cpe:2.3:a:openbsd:openssh:3.3p1:*****:
cpe:2.3:a:openbsd:openssh:3.4:*****:
cpe:2.3:a:openbsd:openssh:3.4p1:*****:
cpe:2.3:a:openbsd:openssh:3.5:*****:
cpe:2.3:a:openbsd:openssh:3.5p1:*****:
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cpe:2.3:a:openbsd:openssh:3.6.1:*****:
cpe:2.3:a:openbsd:openssh:3.6.1p1:*****:
cpe:2.3:a:openbsd:openssh:3.6.1p2:*****:

cpe:2.3:a:openbsd:openssh:3.7:*****:
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cpe:2.3:a:openbsd:openssh:3.7.1p1:*****:
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cpe:2.3:a:openbsd:openssh:3.9:*****:
cpe:2.3:a:openbsd:openssh:3.9.1:*****:
cpe:2.3:a:openbsd:openssh:3.9.1p1:*****:
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cpe:2.3:a:openbsd:openssh:4.1:*****:
cpe:2.3:a:openbsd:openssh:4.1p1:*****:
cpe:2.3:a:openbsd:openssh:4.2:*****:
cpe:2.3:a:openbsd:openssh:4.2p1:*****:
cpe:2.3:a:openbsd:openssh:4.3:*****:
cpe:2.3:a:openbsd:openssh:4.3p1:*****:
cpe:2.3:a:openbsd:openssh:4.3p2:*****:
cpe:2.3:a:openbsd:openssh:4.4:*****:
cpe:2.3:a:openbsd:openssh:4.4p1:*****:
cpe:2.3:a:openbsd:openssh:4.5:*****:
cpe:2.3:a:openbsd:openssh:4.6:*****:
cpe:2.3:a:openbsd:openssh:4.7:*****:
cpe:2.3:a:openbsd:openssh:4.8:*****:
cpe:2.3:a:openbsd:openssh:4.9:*****:
cpe:2.3:a:openbsd:openssh:5.0:*****:
cpe:2.3:a:openbsd:openssh:5.1:*****:
cpe:2.3:a:openbsd:openssh:5.2:*****:

```
cpe:2.3:a:openbsd:openssh:5.3:*:*:*:*:*:*:
```

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cpe:2.3:a:openbsd:openssh:5.4:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:5.5:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:5.6:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:5.7:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:1.2:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:1.2.1:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:1.2.2:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:1.2.27:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:1.2.3:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:1.3:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:1.5:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:1.5.7:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:1.5.8:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:3.0:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:3.0.1:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:3.0.1p1:::~::~:
```

```
cpe:2.3:a:openbsd:openssh:3.0.2:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:3.0.2p1:::~::~:
```

```
cpe:2.3:a:openbsd:openssh:3.0p1:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:3.1:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:3.1p1:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:3.2:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:3.2.2:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:3.2.2p1:::~::~:
```

```
cpe:2.3:a:openbsd:openssh:3.2.3p1:::~::~:
```

```
cpe:2.3:a:openbsd:openssh:3.3:*:*:*:*:*:*:
```

```
cpe:2.3:a:openbsd:openssh:3.3p1:*:*:*:*:*:*:
```

cpe:2.3:a:openbsd:openssh:3.4:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:3.4p1:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:3.5:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:3.5p1:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:3.6:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:3.6.1:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:3.6.1p1:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:3.6.1p2:*:*:*:*:*:
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cpe:2.3:a:openbsd:openssh:3.7.1:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:3.7.1p1:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:3.7.1p2:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:3.8:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:3.8.1:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:3.8.1p1:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:3.9:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:3.9.1:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:3.9.1p1:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:4.0:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:4.0p1:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:4.1:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:4.1p1:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:4.2:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:4.2p1:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:4.3:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:4.3p1:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:4.3p2:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:4.4:*:*:*:*:*:
cpe:2.3:a:openbsd:openssh:4.4p1:*:*:*:*:*:

cpe:2.3:a:openbsd:openssh:4.5:*****:
cpe:2.3:a:openbsd:openssh:4.6:*****:
cpe:2.3:a:openbsd:openssh:4.7:*****:
cpe:2.3:a:openbsd:openssh:4.8:*****:
cpe:2.3:a:openbsd:openssh:4.9:*****:
cpe:2.3:a:openbsd:openssh:5.0:*****:
cpe:2.3:a:openbsd:openssh:5.1:*****:
cpe:2.3:a:openbsd:openssh:5.2:*****:
cpe:2.3:a:openbsd:openssh:5.3:*****:
cpe:2.3:a:openbsd:openssh:5.4:*****:
cpe:2.3:a:openbsd:openssh:5.5:*****:
cpe:2.3:a:openbsd:openssh:5.6:*****:
cpe:2.3:a:openbsd:openssh:5.7:*****:
cpe:2.3:a:openbsd:openssh:*****:

No vendor comments have been submitted for this CVE

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