

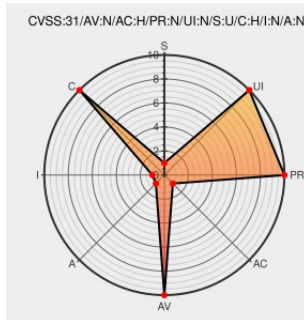


CVE-2011-4076

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CVE-2011-4076

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

Certain versions of [Nova](#) from [Openstack](#) contain the following vulnerability:

OpenStack Nova before 2012.1 allows someone with access to an EC2_ACCESS_KEY (equivalent to a username) to obtain the EC2_SECRET_KEY (equivalent to a password). Exposing the EC2_ACCESS_KEY via http or tools that allow man-in-the-middle over https could allow an attacker to easily obtain the EC2_SECRET_KEY. An attacker could also presumably brute force values for EC2_ACCESS_KEY.

CVE-2011-4076 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: nova - nova version = 2014.1.3-11

CVSS3 Score: **5.9 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	HIGH	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	NONE	NONE

CVSS2 Score: **4.3 - MEDIUM**

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

CVE References

Description	Tags	Link
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CVE-2011-4076	Patch Third Party Advisory security-tracker.debian.org text/html	 MISC security-tracker.debian.org/tracker/CVE-2011-4076
oss-security - Re: CVE request: nova	Mailing List Patch Third Party Advisory www.openwall.com text/html	 MISC www.openwall.com/lists/oss-security/2011/10/25/4
Bug #868360 "Incorrect secret key causes user details to be reve..." : Bugs : OpenStack Compute (nova)	Exploit Issue Tracking Patch Third Party Advisory bugs.launchpad.net text/html	 MISC bugs.launchpad.net/nova/+bug/868360
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	 MISC access.redhat.com/security/cve/cve-2011-4076
749385 – (CVE-2011-4076) CVE-2011-4076 openstack-nova: EC2 API password leak	Exploit Issue Tracking Third Party Advisory bugzilla.redhat.com text/html	 MISC bugzilla.redhat.com/show_bug.cgi?id=CVE-2011-4076

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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	Openstack	Nova	All	All	All	All
Application	Openstack	Nova	All	All	All	All
cpe:2.3:a:openstack:nova:*****:						
cpe:2.3:a:openstack:nova:*****:						

No vendor comments have been submitted for this CVE

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