



OpenSSL Heartbeat Extension Vulnerability in Multiple NetApp® Products

- Revision Number

1.0

- Release Date

04/10/2014

- Update Date

04/10/2014

- Netapp Advisory Number

NTAP-20140410-heartbleed

- CVE

CVE-2014-0160

- Summary

Multiple NetApp products incorporate the OpenSSL software libraries to provide cryptographic capabilities. The OpenSSL 1.0.1 releases prior to 1.0.1g are affected by a vulnerability that could allow an unauthenticated, remote attacker to retrieve, up to 64 kilobytes of memory from a connected client or server using the Transport Layer Security (TLS). The vulnerability is due to a missing bounds check in the TLS Heartbeat Extension in OpenSSL.

This advisory will be updated as additional information becomes available.

- Vulnerable Products

- Data ONTAP® Storage Management Initiative Specification (SMI-S) Agent
- NetApp Manageability SDK (5.2)
- OnCommand® Unified Manager Core Package (5.2)
- OnCommand Workflow Automation
- Clustered Data ONTAP Antivirus Connector
- E-Series Storage Management Initiative Specification (SMI-S) (10.30.0G00.0001 and 10.28.0G00.0002)

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Other NetApp products may be affected by this vulnerability. The list of affected products will be updated as our investigation continues.

- Products that are not affected
 - Data ONTAP (all versions)
 - OnCommand Unified Manager Core Package (6.X)
 - OnCommand Performance Manager
- Vulnerability Scoring Details – Applies to all affected products

8.9 (HIGH) [\[AV:N/AC:L/Au:N/C:C/I:C/A:N/E:F/RL:U/RC:C\]](#)

NetApp uses the standards-based Common Vulnerability Scoring System version 2 (CVSSv2) to score vulnerabilities. A guide to CVSS scoring is available from first.org at <http://www.first.org/cvss/cvss-guide>. NetApp provides a Base and Temporal score. Customers may also compute an environmental score to help determine impact to their networks.

- Impact

Successful exploitation of this vulnerability may cause disclosure of memory contents from clients and servers.

- Software Versions and Fixes

Patches to NetApp software are not available at this time. This section will be updated as patches are released.

- Workarounds

Intrusion Prevention Systems (IPS) and Intrusion Detection Systems (IDS) products available from third parties may have signatures available to stop an attack. Please contact your security product vendors for additional information.

- Obtaining Software Fixes

Software fixes will be made available through the NetApp support website Software Download section.

<http://support.netapp.com/NOW/cgi-bin/software/>

For customers who do not have access to the Support Website, please contact Technical Support at the number below to obtain the patches.

- Exploitation and Public Announcements

NetApp is aware of public discussion and exploit code being published.

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- Status of this Notice: Interim

Netapp will continue to update this advisory as additional information becomes available.

- References

- <http://heartbleed.com/>
- <https://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2014-0160>
- https://www.openssl.org/news/secadv_20140407.txt

- Contact Information

Check <http://support.netapp.com> for further updates.

For questions, contact NetApp at:

Technical Support

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- Revision History

Revision #	Data	Comments
1.0	04/10/2014	Initial Public Release

- Disclaimer

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