

## Asterisk Project Security Advisory - AST-2008-008

|                           |  |
|---------------------------|--|
| <b>Product</b>            | Asterisk   |
| <b>Summary</b>            | Remote Crash Vulnerability in SIP channel driver when run in pedantic mode |
| <b>Nature of Advisory</b> | Denial of Service  |
| <b>Susceptibility</b>     | Remote Unauthenticated Sessions  |
| <b>Severity</b>           | Critical   |
| <b>Exploits Known</b>     | No   |
| <b>Reported On</b>        | May 8, 2008  |
| <b>Reported By</b>        | Hooi Ng (bugs.digium.com user hooi)  |
| <b>Posted On</b>          | May 8, 2008  |
| <b>Last Updated On</b>    | December 15, 2008  |
| <b>Advisory Contact</b>   | Joshua Colp <jcolp@digium.com>   |
| <b>CVE Name</b>           | CVE-2008-2119  |

|                    |  |
|--------------------|--|
| <b>Description</b> | During pedantic SIP processing the From header value is passed to the ast_uri_decode function to be decoded. In two instances it is possible for the code to cause a crash as the From header value is not checked to be non-NULL before being passed to the function. |
|--------------------|--|

|                   |   |
|-------------------|---|
| <b>Resolution</b> | The From header value is now copied into a buffer before being passed to the ast_uri_decode function if pedantic is enabled and in another instance it is checked to be non-NULL before being passed. |
|-------------------|---|

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| <b>Affected Versions</b>         |                       |                               |
|----------------------------------|-----------------------|-------------------------------|
| <b>Product</b>                   | <b>Release Series</b> |                               |
| Asterisk Open Source             | 1.0.x                 | All versions                  |
| Asterisk Open Source             | 1.2.x                 | All versions prior to 1.2.29  |
| Asterisk Open Source             | 1.4.x                 | Not Affected                  |
| Asterisk Business Edition        | A.x.x                 | All versions                  |
| Asterisk Business Edition        | B.x.x                 | All versions prior to B.2.5.3 |
| Asterisk Business Edition        | C.x.x                 | Not Affected                  |
| AsteriskNOW                      | 1.0.x                 | Not Affected                  |
| Asterisk Appliance Developer Kit | 0.x.x                 | Not Affected                  |
| s800i (Asterisk Appliance)       | 1.0.x                 | Not Affected                  |

| <b>Corrected In</b>       |   |
|---------------------------|---|
| <b>Product</b>            | <b>Release</b>  |
| Asterisk Open Source      | 1.2.29, available from<br><a href="http://downloads.digium.com/pub/telephony/asterisk">http://downloads.digium.com/pub/telephony/asterisk</a> |
| Asterisk Business Edition | B.2.5.3   |

| <b>Patches</b>  |                |
|---|----------------|
| <b>URL</b>  | <b>Version</b> |
| <a href="http://downloads.digium.com/pub/security/AST-2008-008-1.2.patch">http://downloads.digium.com/pub/security/AST-2008-008-1.2.patch</a> | 1.2            |

|              |   |
|--------------|---|
| <b>Links</b> | <a href="http://bugs.digium.com/view.php?id=12607">http://bugs.digium.com/view.php?id=12607</a> |
|--------------|---|

Asterisk Project Security Advisories are posted at <http://www.asterisk.org/security>  
 This document may be superseded by later versions; if so, the latest version will be posted at <http://downloads.digium.com/pub/security/AST-2008-008.pdf> and <http://downloads.digium.com/pub/security/AST-2008-008.html>

| <b>Revision History</b> |               |                       |
|-------------------------|---------------|-----------------------|
| <b>Date</b>             | <b>Editor</b> | <b>Revisions Made</b> |

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|            |             |                 |
|------------|-------------|-----------------|
| 2008-06-03 | Joshua Colp | Initial Release |
| 2008-12-15 | Joshua Colp | Add Patches     |

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