cpio security update - (RHSA-2005-080)

Advisory Original Release Date: October 4, 2005
Last Revised: October 4, 2005
Number: ASA-2005-212
Risk Level: Low
Advisory Version: 1.0

Advisory Status: Final

Overview:

GNU cpio copies files into and out of cpio and tar archives.

A flaw has been discovered in the way that cpio assigns file permissions under certain circumstances. Cpio uses a 0 umask when creating files using the –o (archive) option. This creates output files with a mode of *0666*, which allows all users to read and write to the files. The common vulnerabilities and exposures project (cve.mitre.org) has assigned the name CAN-1999-1572 to this issue.

More information about these vulnerabilities can be found in the security advisories issued by Red Hat

- https://rhn.redhat.com/errata/RHSA-2005-080.html

System Products utilizing cpio:

Product	Affected S/W Version	Actions	Risk Level
Avaya™ S8710/S8700/S8500/S8300	Prior to 3.0.1 SP 10706	Fixes for this issue are included in CM 3.0.1 with SP 10706. Avaya recommends that systems running Communication Manager release 3.0 and earlier take advantage of these security fixes by upgrading to CM 3.0.1 with SP 10706 or later. (see below for more information)	Low
Avaya™ Converged Communication Server (CCS) / SIP Enablement Services (SES)	All Versions	Follow recommended actions below. A patch is being considered for a future update.	Low
Avaya™ Message Networking	All Versions	Follow recommended actions below. A patch is being considered for a future update.	Low

Avaya™ Intuity LX	All Versions	Follow recommended actions below. A patch is being considered for a future update.	Low
Avaya™ Modular Messaging Message Storage Server (MSS)	All versions	Follow recommended actions below. A patch is being considered for a future update.	Low

Recommended Actions for S8710/S8700/S8500/S8300 servers:

Avaya recommends that systems running Communication Manager release 3.0 and earlier take advantage of these security fixes by upgrading to CM 3.0.1 with SP 10706 or later. The Avaya Communication Manager Service pack instructions, release notes, and downloads are available from:

Avaya Communication Manager Service Packs for 3.0

Recommended Actions:

For all system products which use vulnerable versions of cpio, Avaya recommends that customers restrict local and network access to the server. This restriction should be enforced through the use of physical security, firewalls, ACLs, VPNs, and other generally-accepted networking practices until such time as an update becomes available and can be installed.

Avaya Software-Only Products

Avaya software-only products operate on general-purpose operating systems. Occasionally vulnerabilities may be discovered in the underlying operating system or applications that come with the operating system. These vulnerabilities often do not impact the software-only product directly but may threaten the integrity of the underlying platform.

In the case of this advisory Avaya software-only products are not affected by the vulnerability directly but the underlying Linux platform may be. Customers should determine on which Linux operating system the product was installed and then follow that vendor's guidance:

Software-Only Products

Product	Affected S/W Version	Actions
Avaya™ CVLAN	All versions	Depending on the Operating System provided by customers, the affected package may be utilized on the underlying Operating System supporting the CVLAN application. Avaya recommends that customers follow recommended actions supplied by the Operating System vendor (e.g. Red Hat).

Avaya™ Integrated Management	All versions	Depending on the Operating System provided by customers, the affected package may be utilized on the underlying Operating System supporting the Integrated Management application. Avaya recommends that customers follow recommended actions supplied by the Operating System vendor (e.g. Red Hat).

Additional Information: Additional information may also be available via the Avaya support website (http://support.avaya.com) and through your Avaya account representative. Please contact your Avaya product support representative, or dial 1-800-242-2121, with any questions.

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Revision History:

V 1.0 - October 4, 2005 - Initial statement issued.

Send information regarding any discovered security problems with Avaya products to either the contact noted in the product's documentation or securityalerts@avaya.com.