OpenSSH security update - (RHSA-2005-550)

Advisory Original Release Date: October 18, 2005
Last Revised: October 18, 2005
Number: ASA-2005-223
Risk Level: Low
Advisory Version: 1.0

Advisory Status: Interim

Overview:

OpenSSH is OpenBSD's SSH (Secure SHell) protocol implementation. This includes the core files necessary for both the OpenSSH client and server.

A vulnerability has been discovered in the way the OpenSSH server handles the MaxStartups and LoginGraceTime configuration variables. An attacker could connect to the SSH daemon in such a way that it would prevent additional logins from occurring until the malicious connections are closed. The common vulnerabilities and exposures project (cve.mitre.org) has assigned the name CAN-2004-2069 to this issue.

More information about this vulnerability can be found in the security advisory issued by Red Hat


System Products utilizing OpenSSH:

<table>
<thead>
<tr>
<th>Product</th>
<th>Affected S/W Version</th>
<th>Actions</th>
<th>Risk Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avaya™ S8710/S8700/S8500/S8300</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Avaya™ Converged Communication Server (CCS)</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Intuity LX</td>
<td>All</td>
<td>See recommended actions below.</td>
<td>Low</td>
</tr>
</tbody>
</table>

A patch is being considered for a future release.

Recommended Actions:

For all system products which use vulnerable versions of OpenSSH, 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**

<table>
<thead>
<tr>
<th>Product</th>
<th>Affected S/W Version</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avaya™ CVLAN</td>
<td>All versions</td>
<td>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).</td>
</tr>
<tr>
<td>Avaya™ Integrated</td>
<td>All versions</td>
<td>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).</td>
</tr>
</tbody>
</table>

**Additional Information**: Additional information may also be available via the Avaya support website ([http://support.avaya.com](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 18, 2005 - Initial statement issued.

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