
**Advisory Original Release Date:** October 19, 2005  
**Last Revised:** August 28, 2006  
**Number:** ASA-2005-226  
**Risk Level:** Low  
**Advisory Version:** 2.0

**Advisory Status:** Interim

**Overview:**

XFree86 is an open source implementation of the X Window System. It provides the basic low-level functionality that full-fledged graphical user interfaces (GUIs) such as GNOME and KDE are designed upon.

Several vulnerabilities have been discovered in the Xfree86. Several integer overflows have been found in the way that pixmap images are parsed by Xfree86 that could allow a remote attacker to elevate existing privileges. The Avaya Modular Messaging Message Storage Server, Avaya Message Networking, and the Avaya Intuity LX are vulnerable to this issue. The common vulnerabilities and exposures project (cve.mitre.org) has assigned the name **CAN-2005-2495** to this issue.

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


**System Products utilizing Xfree86:**

<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™ Modular Messaging Message Storage Server (MSS)</td>
<td>1.x – 2.x</td>
<td>Update to MSS 3.0 or later</td>
<td>Low</td>
</tr>
<tr>
<td>Avaya™ Message Networking</td>
<td>All</td>
<td>Follow recommended actions below. A patch is being considered for a future release.</td>
<td>Low</td>
</tr>
<tr>
<td>Avaya™ Intuity LX</td>
<td>All</td>
<td>Follow recommended actions below. A patch is being considered for a future release.</td>
<td>Low</td>
</tr>
</tbody>
</table>

**Recommended Actions:**

For all system products which use vulnerable versions of Xfree86, 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 Management</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 19, 2005 – Initial statement issued.
V 2.0 - August 28, 2006 - Updated impact for MSS.

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

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