Non-response of Cosminexus Server Component Container for Java

- Affected products

<table>
<thead>
<tr>
<th>Corrective action</th>
<th>Computer Associates Product name</th>
<th>Platform</th>
<th>Last update</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS05-006-01</td>
<td>Cosminexus Server Component Container, Cosminexus Server Component Container for Java</td>
<td>Windows, HP-UX, AIX, Solaris</td>
<td>March 14, 2005</td>
</tr>
</tbody>
</table>

- Problem description

On March 14, 2005, US-CERT released their Vulnerability Note VU#204710 about how Apache Tomcat fails to properly handle certain requests. Sending invalid data to the port for communication with web servers may cause denial of service of the web application servers that use the above products.

Revision history

- March 22, 2005: The US-CERT information about this vulnerability is added.
- March 14, 2005: This page is released.

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Software Vulnerability Information
Software Division

Update: March 14, 2005

HS05-006;
Non-response of Cosminexus Server Component Container for Java

Solution for Cosminexus Server Component Container for Java

The following vulnerability was found in Cosminexus Server Component Container for Java that is included in Cosminexus Server - Standard Edition Version 4:

- Sending invalid data to the port for communication with web servers that use Cosminexus Server Component Container or Cosminexus Server Component Container for Java may cause denial of service of the web application servers.

A fixed version is available, so please apply the fixed version.

[Affected models, versions and fixed version]

<table>
<thead>
<tr>
<th>Product name</th>
<th>Product Version</th>
<th>Model</th>
<th>Component Version</th>
<th>Platform</th>
<th>Fixed version</th>
<th>Release time</th>
<th>Last update</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cosminexus Server - Standard Edition Version 4</td>
<td>04-01</td>
<td>P-2443-8114</td>
<td>Windows</td>
<td>02-00-/M</td>
<td>February 28, 2005</td>
<td>March 14, 2005</td>
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<td></td>
<td></td>
<td>P-1B43-8111</td>
<td>HP-UX</td>
<td>02-00-/M</td>
<td>February 28, 2005</td>
<td>March 14, 2005</td>
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<tr>
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<td></td>
<td>P-9D43-8111</td>
<td>Solaris</td>
<td>02-00-/M</td>
<td>February 28, 2005</td>
<td>March 14, 2005</td>
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<td></td>
<td>P-1M43-8111</td>
<td>AIX</td>
<td>02-00-/M</td>
<td>February 28, 2005</td>
<td>March 14, 2005</td>
<td></td>
</tr>
</tbody>
</table>

For the fixed versions, contact your Hitachi support service representative.

[Workarounds]
The following provisional workaround exists for this vulnerability. Please implement this provisional workaround until you apply the fixed version.
Make the J2EE server communicate only with the machines authenticated using IP filtering. Do not use security diagnosis tool, etc, to send invalid data to the port (port ajp12) used for communication with web servers.

Revision history

- March 14, 2005: Information about non-response of Cosminexus Server Component Container for Java is released.

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