TOP
What's New
Notifications
Alert
Software Vulnerability Information
Links to Security Organizations
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Product names of Hitachi and other manufacturers

HIRT Hitachi Incident Response Team

Update: June 27, 2005

Vulnerabilities in Cross-site Scripting and Directory Traversal of Groupmax World Wide Web and Groupmax World Wide Web Desktop

- Affected products

Corrective actions	Product name	Platform	Last update
HS04-007-01	Groupmax World Wide Web Groupmax World Wide Web Desktop	Windows, HP-UX, HI-UX/WE2, Solaris	June 27, 2005

- Problem description

Vulnerabilities in cross-site scripting and directory traversal were found in the above products. These vulnerabilities allow a malicious third party to execute invalid script or access any HTML file on a Web server.

Revision history

- June 27, 2005: Corrective actions page is updated.
- January 26, 2005: Corrective actions page is updated.
- November 29, 2004: This page is released.

- The links to other web sites are valid at the time of the release of the page. Although Hitachi makes an effort to maintain the links, Hitachi cannot guarantee their permanent availability.

Page Top

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Product names of Hitachi and other manufacturers

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Update: June 27, 2005

HS04-007;
Vulnerabilities in Cross-site Scripting and Directory Traversal of Groupmax World Wide Web and Groupmax World Wide Web Desktop

Solution for Groupmax World Wide Web and Groupmax World Wide Web Desktop

Vulnerabilities in cross-site scripting and directory traversal were found in Groupmax World Wide Web and Groupmax World Wide Web Desktop (Gmax WWW).

[Influence]

- Cross-site scripting

  When you log in GmaxWWW and enter HTML tags in the QUERY area of the GmaxWWW URL, cross-site scripting occurs, and if you click a URL that contains script, session hijacking may occur.

- Directory traversal

  When you log in GmaxWWW and specify any directory name or file name in the template name area of the GmaxWWW URL, directory traversal occurs, and any HTML file on the Web server can be retrieved; however, the conditions below must be met to retrieve files on the Web server, so the risk of attackers retrieving files is reduced.

  - You must have already logged in GmaxWWW

    - This vulnerability cannot be exploited before logging in GmaxWWW (from the Log in dialog box, etc.)

  - The file extension is "html"

    - This vulnerability allows retrieval of files with the "html" extension. Files with the "htm" extension cannot be retrieved.
    - For the Windows versions, only the files in the drive on which GmaxWWW is installed can be retrieved.

[Affected products]

Product name	cross-site scripting (*1)	directory traversal (*2)

Groupmax World Wide Web Version 2	No	Yes
Groupmax World Wide Web Version 3	No	Yes
Groupmax World Wide Web Desktop Version 5	Yes	Yes
Groupmax World Wide Web Desktop Version 6	Yes	Yes
Groupmax World Wide Web Desktop for Jichitai	Yes	Yes

(*1) "Yes": The product contains the cross-site scripting vulnerability.
"No": The product does not contain the cross-site scripting vulnerability.

(*2) "Yes": The product contains the directory traversal vulnerability.
"No": The product does not contain the directory traversal vulnerability.

Fixed versions are available. Please apply the fixed version to your system.

[Affected models, versions and fixed versions]

Product name	Model	Version	Platform	Fixed version	Release Time	Last Update
Groupmax World Wide Web Version 2	GMAX-WWWW (*3)	02-00 - 02-31-/I	Windows	06-52-/C (*4)	November 12, 2004	November 29, 2004
	GMAX-WWWH (*3)	02-20 - 02-31-/E	HP-UX	(*6)		November 29, 2004
	GMAX-WWW2 (*3)	02-20 - 02-31-/E	HI-UX /WE2	(*6)		November 29, 2004
	GMAX-WWWS (*3)	02-20 - 02-20-/A	Solaris	(*6)		November 29, 2004
Groupmax World Wide Web Version 3	GMX3-WWWW (*3)	03-00 - 03-11-/B	Windows	06-52-/C (*4)	November 12, 2004	November 29, 2004
	GMX3-WWWH (*3)	03-00 - 03-10-/H	HP-UX	(*6)		November 29, 2004
	GMX3-WWW2 (*3)	03-00 - 03-10-/H	HI-UX /WE2	(*6)		November 29, 2004
Groupmax World Wide Web Desktop Version 5	GMX5-WWWW (*3)	05-00 - 05-11-/I	Windows	06-52-/C (*4)	November 12, 2004	November 29, 2004
		05-11-/J		05-11-SA (*7)	February 17, 2005	June 27, 2005
	GMX5-WWWH (*3)	05-00 - 05-11-/F	HP-UX	(*6)		November 29, 2004
Groupmax World Wide Web Desktop Version 6	GMX6-WWWW (*3)	06-00 - 06-50-/B	Windows	06-52-/C (*5)	November 12, 2004	November 29, 2004
		06-50-/C		06-50-SD (*7)	January 14, 2005	January 26, 2005
		06-51 - 06-51-/B		06-52-/C (*5)	November 12, 2004	November 29, 2004
		06-51-/C		06-51-SB (*7)	January 14, 2005	January 26, 2005
		06-52 - 06-52-/B		06-52-/C	November 12, 2004	November 29, 2004
	GMX6-WWWH (*3)	06-00 - 06-51	HP-UX	(*6)		November 29, 2004
Groupmax World Wide Web Desktop for Jichitai	GMXX-WWGW (*3)	06-51	Windows	06-52-/A (*5)	November 19, 2004	June 27, 2005
		06-52		06-52-/A	November 19, 2004	June 27, 2005

(*3) See [Models and versions of component products] for component products.
(*4) Please upgrade the version to 06-52-/C of model GMX6-WWWW or later.
(*5) Please upgrade the version to a fixed revision.
(*6) For the fixed versions, contact your Hitachi support service representative.
(*7) Please apply the patches to your system.

[Models and versions of component products]

Product set name		Affected components		
Products	**Models**	**Models**	**Component name**	**Platform**
Groupmax World Wide Web Version 2	GMAX-WWWW	P-2446-5114	Groupmax Server Set	Windows
		P-2446-511U	Groupmax Server Set Upgrade(from V1 to V2)	
		P-2446-5214	Workflow Server Set	
		P-2446-5314	Mail Server Set	
		P-2446-5414	Document Management Server Set	
		P-2446-5514	Schedule Server Set	
		P-2446-5614	Groupware Server Set	
		P-2446-561U	Groupware Server Set Upgrade(from V1 to V2)	
	GMAX-WWWH	P-1B46-5111	Groupmax Server Set	HP-UX
		P-1B46-511U	Groupmax Server Set Upgrade(from V1 to V2)	
		P-1B46-5211	Workflow Server Set	
		P-1B46-5311	Mail Server Set	
		P-1B46-5411	Document Management Server Set	
		P-1B46-5511	Schedule Server Set	
		P-1B46-5611	Groupware Server Set	
		P-1B46-561U	Groupmax Server Set Upgrade(from V1 to V2)	
		P-1646-511	Groupmax Server Set	

	GMAX-WWW2	P-1646-511U	Groupmax Server Set Upgrade(from V1 to V2)	HI-UX /WE2
		P-1646-521	Workflow Server Set	
		P-1646-531	Mail Server Set	
		P-1646-541	Document Management Server Set	
		P-1646-551	Schedule Server Set	
		P-1646-561	Groupware Server Set	
		P-1646-561U	Groupware Server Set Upgrade(from V1 to V2)	
	GMAX-WWWS	P-9D46-5111	Groupmax Server Set	Solaris
		P-9D46-511U	Groupmax Server Set Upgrade(from V1 to V2)	
		P-9D46-5211	Workflow Server Set	
		P-9D46-5311	Mail Server Set	
		P-9D46-5411	Document Management Server Set	
		P-9D46-5511	Schedule Server Set	
		P-9D46-5611	Groupware Server Set	
		P-9D46-561U	Groupware Server Set Upgrade(from V1 to V2)	
		P-2446-5124	Groupmax Server Set	
		P-2446-512U	Groupmax Server Set Upgrade(from V2 to V3)	
		P-2446-5224	Workflow Server Set	
		P-2446-522U	Workflow Server Set Upgrade(from V2 to V3)	
		P-2446-5324	Mail Server Set	
		P-2446-532U	Mail Server Set Upgrade(from V2 to V3)	

Groupmax World Wide Web Version 3	GMX3-WWWW	P-2446-5424	Document Management Server Set	Windows
		P-2446-542U	Document Management Server Set Upgrade(from V2 to V3)	
		P-2446-5524	Schedule Server Set	
		P-2446-552U	Schedule Server Set Upgrade(from V2 to V3)	
		P-2446-5624	Groupware Server Set	
		P-2446-562U	Groupware Server Set Upgrade(from V2 to V3)	
	GMX3-WWWH	P-1B46-5121	Groupmax Server Set	HP-UX
		P-1B46-512U	Groupmax Server Set Upgrade(from V2 to V3)	
		P-1B46-5221	Workflow Server Set	
		P-1B46-522U	Workflow Server Set Upgrade(from V2 to V3)	
		P-1B46-5321	Mail Server Set	
		P-1B46-532U	Mail Server Set Upgrade(from V2 to V3)	
		P-1B46-5421	Document Management Server Set	
		P-1B46-542U	Document Management Server Set Upgrade(from V2 to V3)	
		P-1B46-5521	Schedule Server Set	
		P-1B46-552U	Schedule Server Set Upgrade(from V2 to V3)	
		P-1B46-5621	Groupware Server Set	
		P-1B46-562U	Groupware Server Set Upgrade(from V2 to V3)	

	GMX3-WWW2	P-1646-512	Groupmax Server Set	HI-UX /WE2
		P-1646-512U	Groupmax Server Set Upgrade(from V2 to V3)	
		P-1646-522	Workflow Server Set	
		P-1646-522U	Workflow Server Set Upgrade(from V2 to V3)	
		P-1646-532	Mail Server Set	
		P-1646-532U	Mail Server Set Upgrade(from V2 to V3)	
		P-1646-542	Document Management Server Set	
		P-1646-542U	Document Management Server Set Upgrade(from V2 to V3)	
		P-1646-552	Schedule Server Set	
		P-1646-552U	Schedule Server Set Upgrade(from V2 to V3)	
		P-1646-562	Groupware Server Set	
		P-1646-562U	Groupware Server Set Upgrade(from V2 to V3)	
		P-2446-5134	Groupmax Server Set	
		P-2446-513U	Groupmax Server Set Upgrade(from V2 or V3 to V5)	
		P-2446-5234	Workflow Server Set	
		P-2446-523U	Workflow Server Set Upgrade(from V2 or V3 to V5)	
		P-2446-5334	Mail Server Set	
		P-2446-533U	Mail Server Set Upgrade(from V2 or V3 to V5)	

Groupmax World Wide Web Desktop Version 5	GMX5-WWWW	P-2446-5434	Document Management Server Set	Windows
		P-2446-543U	Document Management Server Set Upgrade(from V2 or V3 to V5)	
		P-2446-5534	Schedule Server Set	
		P-2446-553U	Schedule Server Set Upgrade(from V2 or V3 to V5)	
		P-2446-5634	Groupware Server Set	
		P-2446-563U	Groupware Server Set Upgrade(from V2 or V3 to V5)	
		P-2446-7Z34	Groupmax World Wide Web Desktop Version5	
	GMX5-WWWH	P-1B46-5131	Groupmax Server Set	HP-UX
		P-1B46-513U	Groupmax Server Set Upgrade(from V2 or V3 to V5)	
		P-1B46-5231	Workflow Server Set	
		P-1B46-523U	Workflow Server Set Upgrade(from V2 or V3 to V5)	
		P-1B46-5331	Mail Server Set	
		P-1B46-533U	Mail Server Set Upgrade(from V2 or V3 to V5)	
		P-1B46-5431	Document Management Server Set	
		P-1B46-543U	Document Management Server Set Upgrade(from V2 or V3 to V5)	
		P-1B46-5531	Schedule Server Set	

		P-1B46-553U	Schedule Server Set Upgrade(from V2 or V3 to V5)	
		P-1B46-5631	Groupware Server Set	
		P-1B46-563U	Groupware Server Set Upgrade(from V2 or V3 to V5)	
		P-1B46-7Z31	Groupmax World Wide Web Desktop Version5	
Groupmax World Wide Web Desktop Version 6	GMX6-WWWW	P-2446-5144	Groupmax Server Set	Windows
		P-2446-5244	Workflow Server Set	
		P-2446-5344	Mail Server Set	
		P-2446-5444	Document Management Server Set	
		P-2446-5544	Schedule Server Set	
		P-2446-5644	Groupware Server Set	
		P-2446-7Z44	Groupmax World Wide Web Desktop Version6	
		P-2646-6154	Groupmax Groupware Client	
		P-2646-6254	Groupmax Workflow Client	
		P-2746-6154	Groupmax Groupware Web Client	
		P-2746-6254	Groupmax Workflow Web Client	
	GMX6-WWWH	P-1B46-5141	Groupmax Server Set	HP-UX
		P-1B46-5241	Workflow Server Set	
		P-1B46-5341	Mail Server Set	
		P-1B46-5441	Document Management Server Set	
		P-1B46-5541	Schedule Server Set	
		P-1B46-5641	Groupware Server Set	

		P-1B46-7Z41	Groupmax World Wide Web Desktop Version6	
Groupmax World Wide Web Desktop for Jichitai	GMXX-WWGW	P-2446-7944	Groupmax World Wide Web Desktop for Jichitai	Windows

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

[Provisional Workaround]

The following provisional workarounds exist for these vulnerabilities. Please use these workarounds until you apply the fixed version.

- Cross-site scripting

  Be cautious when clicking the URL of GmaxWWW in mail text, etc.

- Directory traversal

  Please choose one of the following workarounds:
  - Use the file extension "htm" instead of "html" for files that you want to protect.
  - For the Windows versions, do not store important HTML files in the drive on which GmaxWWW is installed.

Revision history

- June 27, 2005: The patches for the vulnerability in version 05-11-/J of model GMX5-WWWW and version 06-51 and 06-52 of model P-2446-7944 are now available.
- January 26, 2005: The patches for the vulnerability in versions 06-50-/C and 06-51-/C are now available.
- November 29, 2004: Information about vulnerabilities in cross-site scripting and directory traversal of Groupmax World Wide Web and Groupmax World Wide Web Desktop is released.

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Page Top