

Software Vulnerability Information

Software Division



Update: March 31, 2006

Vulnerability of Buffer Overflow in BrightStor ARCserve Backup iGateway Service

- Affected products

Corrective action	Product name	Platform	Last update
HS06-003-01	BrightStor ARCserve Backup r11.5 series, BrightStor ARCserve Backup r11.1 series, BrightStor ARCserve Backup Release 11 series, BrightStor ARCserve Backup v9 series	Windows, Linux, AIX	March 31, 2006

- Problem description

On January 23, 2006, Computer Associates announced on their Technical Support page (Japanese) that BrightStor ARCserve Backup r11.5, BrightStor ARCserve Backup r11.1, BrightStor ARCserve Backup Release 11, and BrightStor ARCserve Backup v9 have a vulnerability concerning buffer overflow.

Malicious remote users can exploit the vulnerability of buffer overflow and execute arbitrary commands on backup servers that have the above products installed.

Revision history

- March 31, 2006: This page is released.

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> TOP

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> Software Vulnerability Information

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> Product names of Hitachi and other manufacturers



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 [Page Top](#)

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| [Home](#) | [Software](#) | [» Security](#) |

» [Japanese](#)

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> [Advanced search](#)

[Home](#) > [Vulnerability Information](#) > [Software Vulnerability Information](#) > [HS06-003-01](#)

Update: March 31, 2006

HS06-003;
Vulnerability of Buffer Overflow in BrightStor ARCserve Backup iGateway Service

Solutions for BrightStor ARCserve Backup

The following vulnerability was found in BrightStor ARCserve Backup r11.5, BrightStor ARCserve Backup r11.1, BrightStor ARCserve Backup Release 11, and BrightStor ARCserve Backup v9.

Malicious remote users can exploit the vulnerability of buffer overflow and execute arbitrary commands on backup servers that have products containing iGateway service installed (such as BrightStor ARCserve Backup).

Please take one of the following corrective actions:

- Stop the iGateway service.
- Uninstall the iGateway service.
- Visit the Computer Associates website (Japanese) below and apply the corrective patches.
http://www.casupport.jp/resources/info/CA_iGateway.htm

[Influence]

This vulnerability affects the following BrightStor ARCserve Backup products containing iGateway service:

- BrightStor ARCserve Backup r11.5 series
- BrightStor ARCserve Backup r11.1 series
- BrightStor ARCserve Backup Release 11 series
- BrightStor ARCserve Backup v9 series

Please note that the iGateway service is used to integrate BrightStor ARCserve Backup and other Computer Associates products, and BrightStor ARCserve Backup itself can work without the iGateway service. If the iGateway service is uninstalled from your system, this vulnerability does not arise.

[Affected models, versions, and fixed versions]

BrightStor ARCserve Backup r11.5 series

Computer Associates Product name	Model (*1)	Version	Patch (*2)	Platform	Last update
BrightStor ARCserve	RT-				March

- > [TOP](#)
- ∨ [What's New](#)
- > [Notifications](#)
- > [Alert](#)
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Backup r11.5 for Windows	1242C-1184	11-50	iGateway_40_win32_060109.exe	Windows	31, 2006
BrightStor ARCserve Backup r11.5 for Windows SAN Secondary Server Bundle	RT-1242C-S684	11-50			March 31, 2006
BrightStor ARCserve Backup r11.5 for Windows Microsoft Exchange Suite	RT-1242C-S484	11-50			March 31, 2006
BrightStor ARCserve Backup r11.5 for Windows Microsoft SQL Suite	RT-1242C-S384	11-50			March 31, 2006
BrightStor ARCserve Backup r11.5 for Linux	RT-19S2C-1141	11-50	iGateway_40_linux_060109.sh	Linux	March 31, 2006
BrightStor ARCserve Backup r11.5 for Linux SAN Secondary Server Bundle	RT-19S2C-SS41	11-50			March 31, 2006

(*1) All upgrade versions and hard-bundled versions are also affected.

(*2) These patches are provided on the Computer Associates website (Japanese). See the Platform column of the website and download the corrective patch.

BrightStor ARCserve Backup r11.1 series

Computer Associates Product name	Model (*3)	Version	Patch (*4)	Platform	Last update
BrightStor ARCserve Backup r11.1 for Windows	RT-1242C-1174	11-10	iGateway_40_win32_060109.exe	Windows	March 31, 2006
BrightStor ARCserve Backup r11.1 for Windows Microsoft SQL Suite	RT-1242C-S374	11-10			March 31, 2006
BrightStor ARCserve Backup r11.1 for Windows Microsoft Exchange Suite	RT-1242C-S474	11-10			March 31, 2006
BrightStor ARCserve Backup r11.1 for Linux	RT-19S2C-1131	11-10	iGateway_40_linux_060109.sh	Linux	March 31, 2006
BrightStor ARCserve Backup r11.1 for Linux SAN Secondary Server Bundle	RT-19S2C-SS31	11-10			March 31, 2006
BrightStor ARCserve Backup r11.1 for UNIX (AIX)	RT-1V36-0B11300	11-10	iGateway_40_aix_060109.sh	AIX	March 31, 2006
BrightStor					

ARCserve Backup r11.1 for UNIX SAN Secondary Server Bundle for AIX	RT-1V36-0B1F300	11-10			March 31, 2006
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(*3) All upgrade versions and hard-bundled versions are also affected.

(*4) These patches are provided on the Computer Associates website (Japanese). See the Platform column of the website and download the corrective patch.

BrightStor ARCserve Backup Release 11 series

Computer Associates Product name	Model (*5)	Version	Patch (*6)	Platform	Last update
BrightStor ARCserve Backup Release 11 for Windows	RT-1242C-1174	11-00	iGateway_40_win32_060109.exe	Windows	March 31, 2006
BrightStor ARCserve Backup Release 11 for Windows Microsoft SQL Suite	RT-1242C-S374	11-00			March 31, 2006
BrightStor ARCserve Backup Release 11 for Windows Microsoft Exchange Suite	RT-1242C-S474	11-00			March 31, 2006

(*5) All upgrade versions and hard-bundled versions are also affected.

(*6) These patches are provided on the Computer Associates website (Japanese). See the Platform column of the website and download the corrective patch.

BrightStor ARCserve Backup v9 series

Computer Associates Product name	Model (*7)	Version	Patch (*8)	Platform	Last update
BrightStor ARCserve Backup v9 for Windows Japanese	RT-1242C-1464	09-00	iGateway_40_win32_060109.exe	Windows	March 31, 2006
BrightStor ARCserve Backup v9 for Linux Japanese	RT-19S2C-1121	09-00	iGateway_40_linux_060109.sh	Linux	March 31, 2006

(*7) All upgrade versions and hard-bundled versions are also affected.

(*8) These patches are provided on the Computer Associates website (Japanese). See the Platform column of the website and download the corrective patch.

Revision history

- March 31, 2006: Information about vulnerability of buffer overflow in BrightStor ARCserve Backup iGateway service is released.

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 [Page Top](#)