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Product names of Hitachi and other manufacturers

HIRT Hitachi Incident Response Team

Update: March 14, 2005

Vulnerability of Buffer Overflow in LDAP Server

- Affected product

Corrective actions	Product name	Platform	Last update
HS05-001-01	Hitachi Directory Server Version 2	Windows, HP-UX	March 14, 2005

- Problem description

On January 11, 2005, US-CERT released a vulnerability note about the vulnerability of buffer overflow in LDAP Server (Vulnerability Note VU#258905).
Malicious remote users can exploit this vulnerability, and shut down the LDAP server or execute arbitrary code.

Revision history

- March 14, 2005: Corrective actions page is updated.
- January 11, 2005: This page is released.

their permanent availability.

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Update: March 14, 2005

HS05-001;
Vulnerability of Buffer Overflow in LDAP Server

Solution for Hitachi Directory Server Version 2

The following vulnerability was found in Hitachi Directory Server Version 2:

- When receiving an invalid LDAP request, a remote attacker can exploit a buffer overflow.

Malicious users can attack this vulnerability, and shut down the LDAP server or execute arbitrary code.

Block the LDAP requests from outside with a firewall and so on, or apply a fixed version to your system. For details, see *Affected models, versions and fixed versions* below.

[Influence]

Product name	Model	Version	Platform	Server shutdown (*1)	Arbitrary code (*2)
Hitachi Directory Server Version 2	P-2444-A124	02-00 or 02-01 or 02-10 to 02-10-/D or 02-11 to 02-11-/F	Windows	Yes	Yes
		02-11-/G to 02-11-/H		Yes	No
	P-1B44-A121	02-00 or 02-01 or 02-10 to 02-10-/P	HP-UX	Yes	Yes
		02-10-/Q to 02-10-/S		Yes	No

(*1) "Yes": The product contains the vulnerability that makes the LDAP server shut down.
"No": The product does not contain the vulnerability that makes the LDAP server shut down.

(*2) "Yes": The product contains the vulnerability of the execution of arbitrary code.
"No": The product does not contain the vulnerability of the execution of arbitrary code.

[Affected models, versions and fixed versions]

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

Product name	Model	Version	Platform	Fixed version	Release date	Last update
Hitachi Directory Server Version 2	P-2444-A124	02-00	Windows	02-11-/I (*3)	January 7, 2005	January 11, 2005
		02-01		02-11-/I (*3)	January 7, 2005	January 11, 2005
		02-10 to 02-10-/D		02-11-/I (*3)	January 7, 2005	January 11, 2005
		02-11 to 02-11-/H		02-11-/I	January 7, 2005	January 11, 2005
	P-1B44-A121	02-00	HP-UX	02-10-/T (*3)	February 28, 2005	March 14, 2005
		02-01		02-10-/T (*3)	February 28, 2005	March 14, 2005
		02-10 to 02-10-/S		02-10-/T	February 28, 2005	March 14, 2005

(*3) Please upgrade the version to a fixed revision.

Revision history

- March 14, 2005: Information about fixed versions of P-1B44-A121 is updated.
- January 11, 2005: Information about the vulnerability of buffer overflow in Hitachi Directory Server Version 2 is released.

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