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Category: Application (Multimedia) > Helix Universal Server Vendors: R

(Vendor Issues Fix) Re: Helix Universal Server and RealServer URL Parsing Flaw in V Source Plug-in Lets Remote Users Execute Arbitrary Code With Root Privileges

SecurityTracker Alert ID: 1007692
SecurityTracker URL: http://securitytracker.com/id/1007692
CVE Reference: GENERIC-MAP-NOMATCH *(Links to External Site)*
Date: Sep 13 2003
Impact: Execution of arbitrary code via network, Root access via network
Fix Available: Yes **Vendor Confirmed:** Yes
Version(s): 9.0.2.794 and prior versions
Description: A vulnerability was reported in the RealNetworks Helix Universal Server version 9 and prior versions. A remote user can execute arbitrary code with root

It is reported that a remote user can request a URL containing large numbers of certain character strings to cause the server to execute arbitrary code. The flaw reporte resides in the protocol parsers.

According to the vendor, the RealNetworks Proxy products are not affected.
Impact: A remote user can execute arbitrary code with root privileges.
Solution: The vendor has issued a fix. The vendor reports that upgrading requires reinstallation of the software, and that any previously provided and current (non-exp product license will enable this upgrade.

See the vendor's advisory for details about the upgrade.

Upgrades for all actively supported Helix Universal Server platforms are available:

Compaq:

http://forms.real.com/rnforms/products/servers/download/download.final.html?platform=Compaq+Tru64+5.1+%26+5.1A&product=Helix+Universal+Server&progra

FreeBSD:

http://forms.real.com/rnforms/products/servers/download/download.final.html?platform=FreeBSD+4.0+%26+4.5&product=Helix+Universal+Server&program=basi

HP UX:

http://forms.real.com/rnforms/products/servers/download/download.final.html?platform=HP+UX+11.0+%26+11.i&product=Helix+Universal+Server&program=basi

IBM AIX:

http://forms.real.com/rnforms/products/servers/download/download.final.html?platform=IBM+AIX+4.3+%26+5L&product=Helix+Universal+Server&program=basic

Linux:

http://forms.real.com/rnforms/products/servers/download/download.final.html?platform=Linux+version+2.4.18&product=Helix+Universal+Server&program=bas

Sun Solaris 2.7:

http://forms.real.com/rnforms/products/servers/download/download.final.html?platform=Sun+Solaris+2.7&product=Helix+Universal+Server&program=basic&

Sun Solaris 2.8:

http://forms.real.com/rnforms/products/servers/download/download.final.html?platform=Sun+Solaris+2.8&product=Helix+Universal+Server&program=basic&

Windows:

http://forms.real.com/rnforms/products/servers/download/download.final.html?platform=Windows+NT+4.0+%26+2000&product=Helix+Universal+Server&program=p

The latest version is:

Helix Universal Server 9.01 Security Update
Version: 9.0.2.802

Platform and configuration support details are available at

http://www.realnetworks.com/resources/contentdelivery/server/recommended_platforms.html

Server 8.0x customers should contact Customer Service for upgrade information:

http://service.real.com/helix/

The vendor notes that Server 7, 6 and G2 are not supported servers and have not been patched.
Vendor URL: www.service.real.com/help/faq/security/rootexploit091103.html *(Links to External Site)*
Cause: Not specified
Underlying OS: Linux (Any), UNIX (AIX), UNIX (FreeBSD), UNIX (HP/UX), UNIX (Solaris - SunOS), UNIX (Tru64), Windows (NT), Windows (2000), Windows (XP)

Message History: This archive entry is a follow-up to the message listed below.
Aug 23 2003 Helix Universal Server and RealServer URL Parsing Flaw in View Source Plug-in Lets Remote Users Execute Arbitrary Code With Root Privileges

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Source Message Contents

Subject: http://www.service.real.com/help/faq/security/rootexploit091103.html

> Server Exploit Fix
>
> Updated September 11, 2003

> Affected Software:
>
> Helix Universal Server 9.01, versions 9.0.2.794 and earlier
> RealSystem Server 8.0 & 7.0

RealNetworks issue a fix for a previously reported vulnerability in the Helix Universal Server (and RealSystem Server and RealServer).

The vendor reports that upgrading requires reinstallation of the software, and that any previously provided and current (non-expired) 9.0.x product license will enable this upgrade.

See the vendor's advisory for details about the upgrade.

Upgrades for all actively supported Helix Universal Server platforms are available:

Compaq:

http://forms.real.com/rnforms/products/servers/download/download.final.html?platform=Compaq+Tru64+5.1+%26+5.1A&product=Helix+Universal+Server&program=basic&version=Helix+Unive

FreeBSD:

http://forms.real.com/rnforms/products/servers/download/download.final.html?platform=FreeBSD+4.0+%26+4.5&product=Helix+Universal+Server&program=basic&version=Helix+Universal+S

HP UX:

http://forms.real.com/rnforms/products/servers/download/download.final.html?platform=HP+UX+11.0+%26+11.i&product=Helix+Universal+Server&program=basic&version=Helix+Universal+S

IBM AIX:

http://forms.real.com/rnforms/products/servers/download/download.final.html?platform=IBM+AIX+4.3+%26+5L&product=Helix+Universal+Server&program=basic&version=Helix+Universal+Se

Linux:

http://forms.real.com/rnforms/products/servers/download/download.final.html?platform=Linux+version+2.4.18&product=Helix+Universal+Server&program=basic&version=Helix+Universal+

Sun Solaris 2.7:

http://forms.real.com/rnforms/products/servers/download/download.final.html?platform=Sun+Solaris+2.7&product=Helix+Universal+Server&program=basic&version=Helix+Universal+Serve

Sun Solaris 2.8:

http://forms.real.com/rnforms/products/servers/download/download.final.html?platform=Sun+Solaris+2.8&product=Helix+Universal+Server&program=basic&version=Helix+Universal+Serve

Windows:

http://forms.real.com/rnforms/products/servers/download/download.final.html?platform=Windows+NT+4.0+%26+2000&product=Helix+Universal+Server&program=basic&version=Helix+Univers

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