

Oracle Security Alert #34

Dated: 5 June 2002

Security vulnerability in Oracle Net (Oracle9i Database Server)

Description

A potential security vulnerability has been discovered in Oracle Net for Oracle9i Database that may result in a potential of denial of service attack against Oracle Net Listener. A knowledgeable and malicious user can send a small amount of data to the configured listening endpoint (for Oracle Net Listener) that will cause the Oracle Net Listener to consume the available CPU of the host machine.

Products affected

Oracle9i Database Release 9.0.x (all releases)

Oracle8, Release 8.0.6.x (on VM only)

Platforms affected

MS Windows and VM only. (Note: Unix, VMS, OS/390 are **not** affected)

Workarounds

None

Patch Information

Oracle has fixed the potential vulnerability identified above for supported releases of Oracle9i, Release 9.0.x on Windows and for Oracle8, Release 8.0.6.x on VM.

Download currently available patches for Windows from Oracle's Worldwide Support web site, Metalink, <http://metalink.oracle.com>. Activate the "Patches" button to get to the patches Web page. Enter 2367681 as indicated above and activate the "Submit" button.

Download currently available patches for VM from Oracle's Worldwide Support web site, Metalink, <http://metalink.oracle.com>. Activate the "Patches" button to get to the patches Web page. Enter 2303242 as indicated above and activate the "Submit" button

Oracle strongly recommends that you comprehensively test the stability of your system upon application of any patch prior to deleting any of the original file(s) that are replaced by the patch.

Credits

Oracle Corporation thanks David Litchfield of Next Generation Security Software Limited for discovering and promptly bringing this potential security vulnerability to Oracle's attention.