CVE-2006-0547

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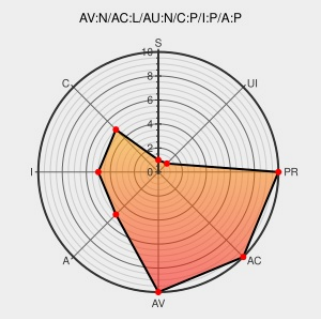

Certain versions of Database Server from Oracle contain the following vulnerability:

Oracle Database 8i, 9i, and 10g allow remote authenticated users to execute arbitrary SQL statements in the context of the SYS user and bypass audit logging, including statements to create new privileged database accounts, via a modified AUTH_ALTER_SESSION attribute in the authentication phase of the Transparent Network Substrate (TNS) protocol. NOTE: due to the lack of relevant details from the Oracle advisory, a separate CVE is being created since it cannot be conclusively proven that this issue has been addressed by Oracle. It is possible that this is the same issue as Oracle Vuln# DB18 from the January 2006 CPU, in which case this would be subsumed by CVE-2006-0265.

CVE-2006-0547 has been assigned by cve@mitre.org to track the vulnerability

CVSS2 Score: 7.5 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
[Full-disclosure] Oracle DBMS - Access Control Bypass in Login	web.archive.org text/html Inactive Link Not Archived	FULLDISC 20060117 Oracle DBMS - Access Control Bypass in Login
IBM X-Force Exchange	exchange.xforce.ibmcloud.com text/html	XF oracle-login-command-execute(24184)
Page not found | Oracle	Vendor Advisory www.oracle.com	MISC www.oracle.com/technology/deploy/security/pdf/cpujan2006.html

	text/html Inactive Link Not Archived	
Search | Integrigy	Vendor Advisory www.integrigy.com application/pdf	MISC www.integrigy.com/info/IntegrigySecurityAnalysis-CPU0106.pdf
Web Application Security | What do You Need to Know? | Imperva	Vendor Advisory www.imperva.com text/html	MISC www.imperva.com/application_defense_center/papers/oracle-dbms-01172006.html
US-CERT Technical Cyber Security Alert TA06-018A -- Oracle Products Contain Multiple Vulnerabilities	Third Party Advisory US Government Resource www.us-cert.gov text/html	CERT TA06-018A
VU#871756 - Oracle TNS protocol fails to properly validate authentication requests	Third Party Advisory US Government Resource www.kb.cert.org text/html	CERT-VN VU#871756
No Description Provided	www.red-database-security.com text/html	MISC www.red-database-security.com/advisory/oracle_cpu_jan_2006.html

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Oracle	Database Server	10.1.0.3	r1	All	All
Application	Oracle	Database Server	10.1.0.4	r1	All	All
Application	Oracle	Database Server	10.1.0.5	r1	All	All
Application	Oracle	Database Server	10.2.0.1	r2	All	All
Application	Oracle	Database Server	8.1.7.4	r3	All	All
Application	Oracle	Database Server	9.2.0.6	r2	All	All
Application	Oracle	Database Server	9.2.0.7	r2	All	All
Application	Oracle	Database Server	10.1.0.3	r1	All	All
Application	Oracle	Database Server	10.1.0.4	r1	All	All
Application	Oracle	Database Server	10.1.0.5	r1	All	All
Application	Oracle	Database Server	10.2.0.1	r2	All	All
Application	Oracle	Database Server	8.1.7.4	r3	All	All
Application	Oracle	Database Server	9.2.0.6	r2	All	All
Application	Oracle	Database Server	9.2.0.7	r2	All	All

cpe:2.3:a:oracle:database_server:10.1.0.3:r1:*:*:*:*:*:*:

cpe:2.3:a:oracle:database_server:10.1.0.4:r1:*:*:*:*:*:*:

cpe:2.3:a:oracle:database_server:10.1.0.5:r1:*:*:*:*:*:*:

cpe:2.3:a:oracle:database_server:10.2.0.1:r2:*:*:*:*:*:*:

cpe:2.3:a:oracle:database_server:8.1.7.4:r3:*:*:*:*:*:*:

cpe:2.3:a:oracle:database_server:9.2.0.6:r2:*:*:*:*:*:*:

cpe:2.3:a:oracle:database_server:9.2.0.7:r2:*:*:*:*:*:*:

cpe:2.3:a:oracle:database_server:10.1.0.3:r1:*:*:*:*:*:*:

cpe:2.3:a:oracle:database_server:10.1.0.4:r1:*:*:*:*:*:*:

cpe:2.3:a:oracle:database_server:10.1.0.5:r1:*:*:*:*:*:*:

cpe:2.3:a:oracle:database_server:10.2.0.1:r2:*:*:*:*:*:*:

cpe:2.3:a:oracle:database_server:8.1.7.4:r3:*:*:*:*:*:*:

cpe:2.3:a:oracle:database_server:9.2.0.6:r2:*:*:*:*:*:*:

cpe:2.3:a:oracle:database_server:9.2.0.7:r2:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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