

ORACLE

Oracle Databases – Monthly News

September 2025


Marcus Schröder

Account Cloud Engineer



 marcus.schroeder@oracle.com

 <https://blogs.oracle.com/coretec>

 [marcus_schroeder](https://www.linkedin.com/in/marcus_schroeder)

Monthly News...

- **Contents:** Current topics around the Oracle database
 - Organized by ... News, events, release status and patch sets, from the web
- **Publishing:** Last Friday of the month
- **Duration:** about 15 minutes
- **Formats:** Video / PDF / Quick Links
- **Editing** (top left to right)
 - Thomas Gorsitzke
 - Claudia Hüffer
 - Detlef E. Schröder
 - Marcus Schröder
 - Ulrike Schwinn
 - Wolfgang Thiem
 - Sinan Petrus Toma



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**Release
Statuses &
Patch Sets**

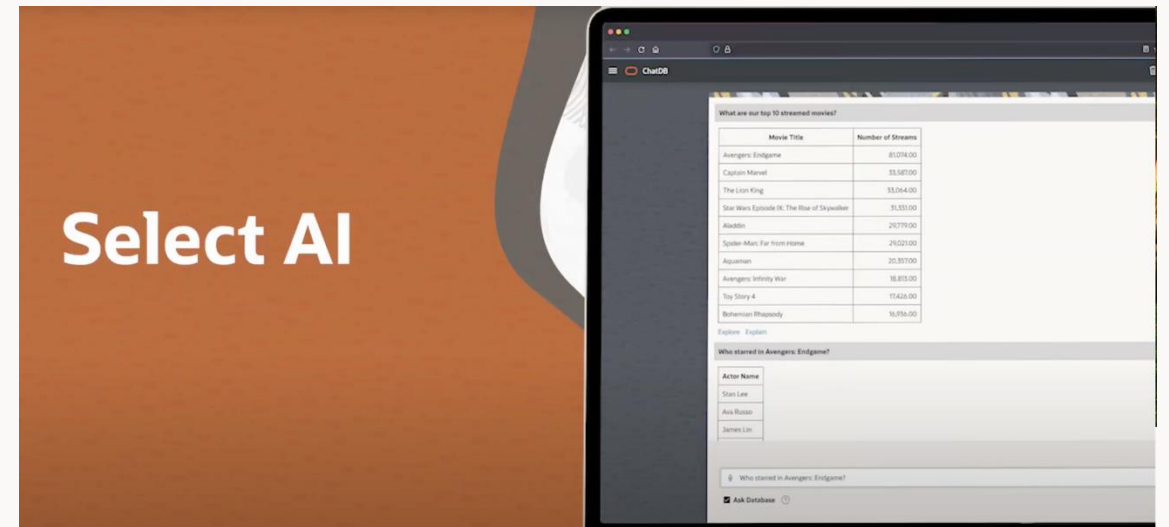
4

From the Web



Oracle Autonomous Database News

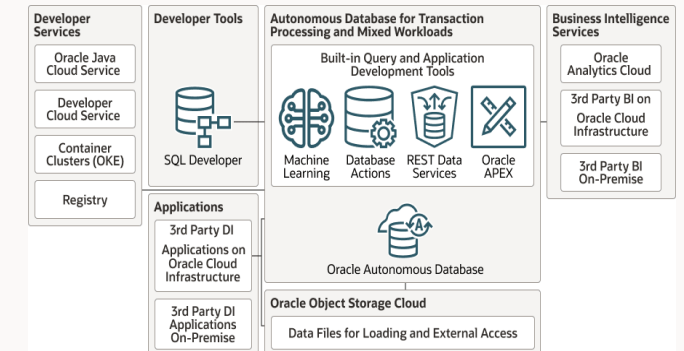
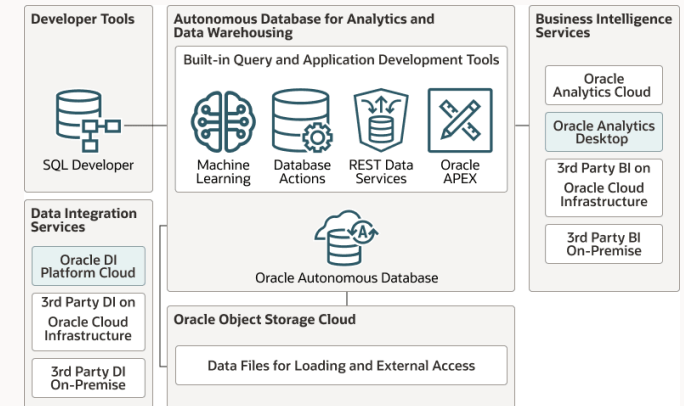
- [Oracle Autonomous Database Select AI Now Available for Python](#)
 - Natural language queries
 - Integration with LLMs
 - Multi Language Support
 - Easy Setup
 - Increased productivity
 - [Advanced Material](#)





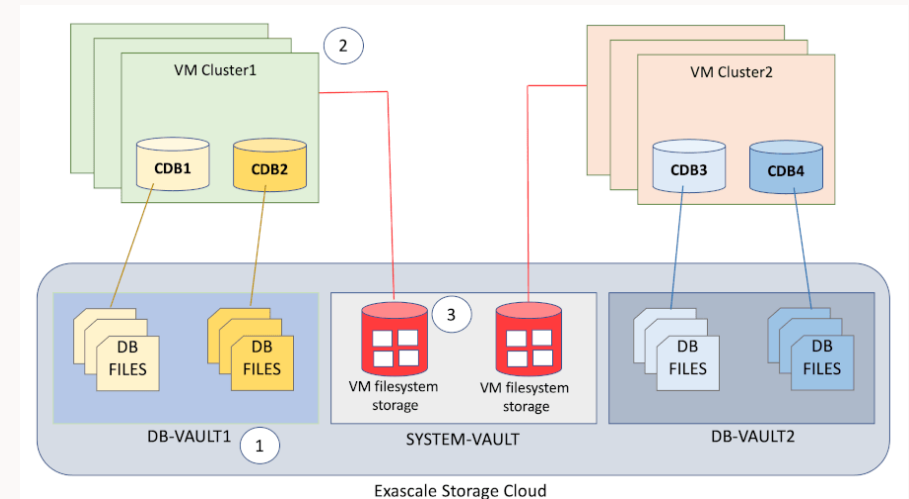
Oracle Autonomous Database Serverless What's New

- [What's New in September 2025](#)
 - Data Pipelines and AI Directory File Support
 - Wildcard File Selection on Autonomous Database APIs
 - Using table hyperlinks in Google Sheets
 - Password-protected table hyperlinks
 - Createable updatable metadata clones
 - Use of cloud tables for logging and diagnostic data



Oracle Exadata Database Service on Exascale Infrastructure - News

- [What's new in September?](#)
 - Support for Oracle Database 19c
 - Pluggable Database (PDB) Snapshots
 - Cross-Service Data Guard Operations
 - Default Backup Destination Change
 - Enhanced Tagging Support
 - Dataguard setup with precheck
 - Automatic Network Setup for VM Cluster Deployment
 - Long-term backup retention (LTR)
 - Performance Hub and Metrics
 - Multiple standby databases
 - Single-Node VM Cluster Deployment
 - Scale ECPUs to zero



Exadata Storage Server X11M XT and Recovery Appliance RA23-Z

- Key Features of Exadata Storage Server X11M XT
 - Increased storage capacity
 - Improved Performance
 - Scalability
- Key Features of Recovery Appliance RA23-Z
 - Faster recovery
 - Enhanced data security
 - Automated management
- [More Information](#)

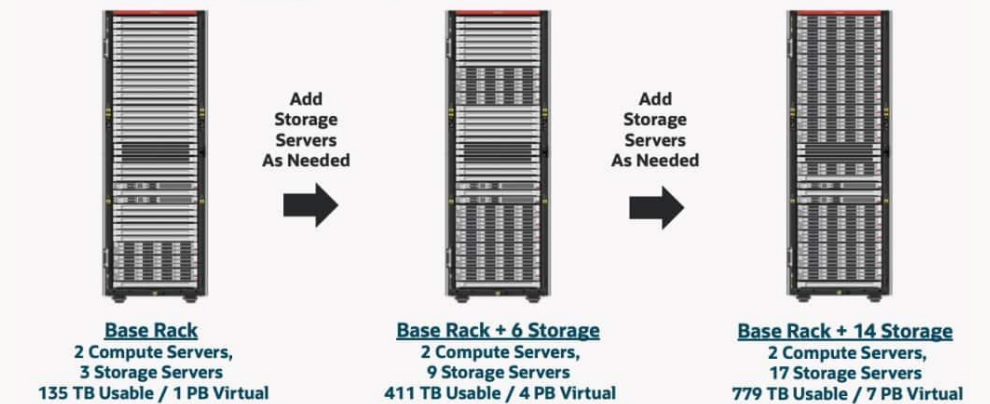
RA23-Z Rack Configurations

Base Rack: **135 TB** (3 storage servers)

Storage Server: **45 TB** (max 17 in single rack)

- RA23-Z rack expanded with RA23-Z storage servers

Full Rack: **779 TB** (17 storage servers)










Multicloud News



- [Oracle Cloud Infrastructure and Microsoft Azure Expand Oracle Database Services and Add More Supported Regions](#)
 - About Oracle Base Database Service
 - Simple pricing
 - US, India, Europe, UAE & Japan



Oracle Base Database Service joins Oracle Database@Azure

<p>Oracle Base Database Service</p> <p>Natively Available in Microsoft Azure</p>  <p>Database Lifecycle Management and Infrastructure by Oracle</p>	<p>Complementary OCI Services</p> <ul style="list-style-type: none"> Zero Data Loss Autonomous Recovery Service OCI GoldenGate Oracle Data Safe OCI Full Stack Disaster Recovery
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- [Oracle Database@Google Cloud: Expanding Services and Regions](#)
 - Base Database Service for Oracle Database
 - Iowa, Montreal, Tokyo
- [Central page for multicloud](#)

Oracle Base Database Service joins Oracle Database@Google Cloud

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More news

- [What's New in Oracle Base Database Service](#)
 - Oracle Base Database Service for Developers
 - New generation-independent X86 shape

- [VirtualBox 7.2.2](#)
 - Bug fixes for:
 - GUI
 - Network
 - Arm, Linux, Windows, and MacOS

VirtualBox 7.2.2 platform packages

-  **Windows hosts**
-  **macOS / Intel hosts**
-  **macOS / Apple Silicon hosts**
-  **Linux distributions**
-  **Solaris hosts**
-  **Solaris 11 IPS hosts**



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From the Web

DOAG

- User Conference 2025
 - the DOAG [program](#) is online
 - about 450 lectures
 - incl. AI Navigator and Low Code Creator
 - All-day workshops on 21.11.
 - Tickets for the low early booking price are available until 30. september



Selected Dates

Date	Event/Deadlines
Ask TOM Office Hours	Database Security (08.10), JSON in Oracle DB (14.10), General Database (16.10), Database Backup & Recovery (17.10), SQL (21.10), and much more.
Oracle APEX Events	Monthly APEX Events
13.-16. October	Oracle AI World - Las Vegas
October 22	Oracle AI World 2025 Follow Up with Maria Colgan in Frankfurt
18.-21. November	DOAG 2025 Conference + Exhibition - Nuremberg
18.-19. November	DOAG Low-Code Creator - Nuremberg
19.-20. November	KI Navigator - Nuremberg
08.-11. December	IT Days - Frankfurt



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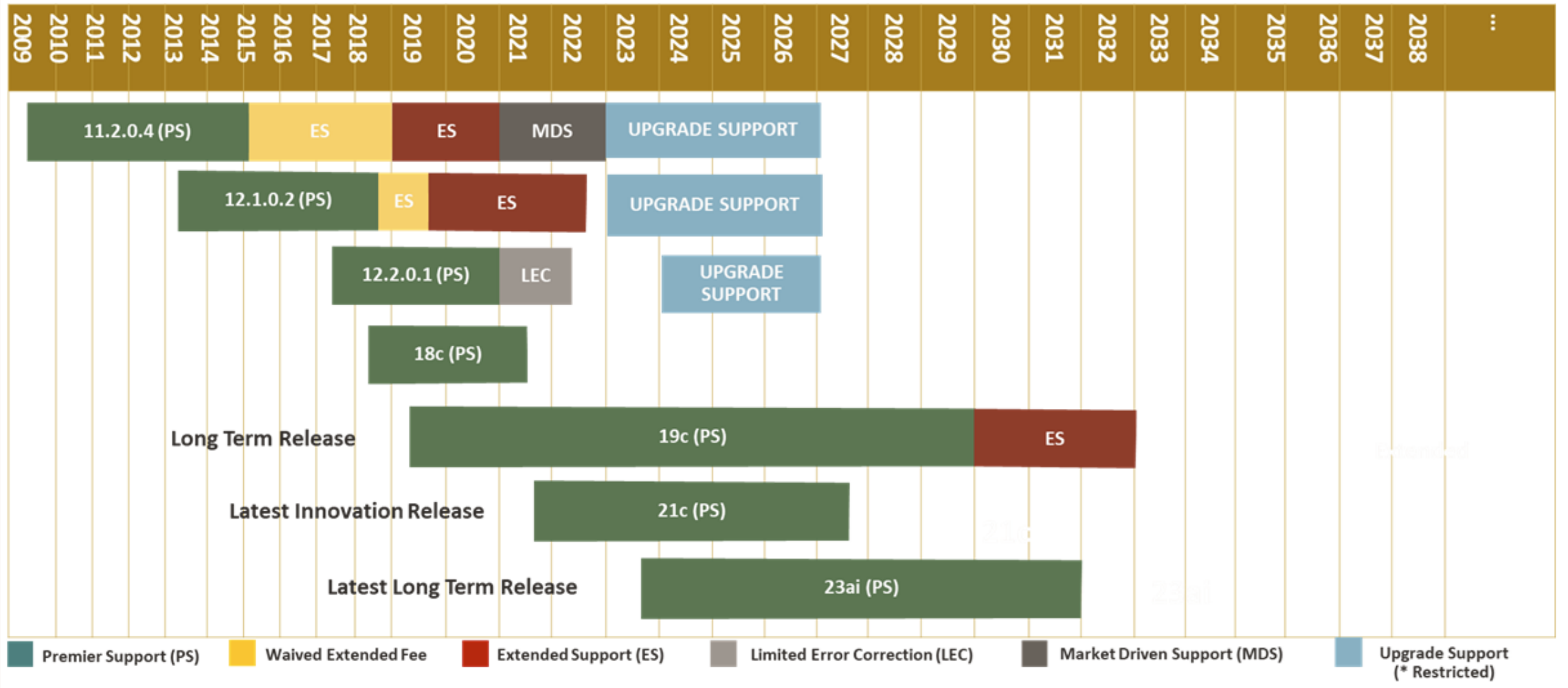
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Single Source of Truth ☺ [Doc ID 742060.1](#) (as of 19.05.2025)

Database Releases and Support Timelines



See also: [Oracle Software Technical Support Policies](#)

(*) Contact Customer Success Services (formerly ACS)



Oracle Critical Patch Update Advisory - July 2025

- Security updates for a wide range of product families such as Oracle Database Server, Oracle Application Express, Oracle REST Data Services, etc.
- For more information about the July 2025 Critical Patch Update, see the Critical Patch Update Advisory at <https://oracle.com/security-alerts/cpujul2025.html> and the summary on My Oracle Support ([Doc ID 3082004.1](#)).

Oracle Database Server Risk Matrix

This Critical Patch Update contains 6 new security patches, plus additional third party patches noted below, for Oracle Database Products. None of these vulnerabilities may be remotely exploitable without authentication, i.e., none may be exploited over a network without requiring user credentials. 1 of these patches is applicable to client-only installations, i.e., installations that do not have the Oracle Database Server installed. The English text form of this Risk Matrix can be found [here](#).

CVE ID	Component	Package and/or Privilege Required	Protocol	Remote Exploit without Auth.?	CVSS VERSION 3.1 RISK (see Risk Matrix Definitions)									Supported Versions Affected	Notes
					Base Score	Attack Vector	Attack Complex	Privs Req'd	User Interact	Scope	Confidentiality	Integrity	Availability		
CVE-2025-30751	Oracle Database	Create Session, Create Procedure	Oracle Net	No	8.8	Network	Low	Low	None	Un-changed	High	High	High	19.3-19.27, 23.4-23.8	
CVE-2025-50069	Java VM	Create Session, Create Procedure	Oracle Net	No	7.7	Network	Low	Low	None	Changed	High	None	None	19.3-19.27, 21.3-21.18	
CVE-2025-27363	Oracle Text (FreeType)	Create Session, Create Index	Oracle Net	No	7.5	Network	High	Low	None	Un-changed	High	High	High	19.3-19.27, 21.3-21.18, 23.4-23.8	
CVE-2025-50070	JDBC	Authenticated OS User	None	No	5.3	Local	High	Low	Required	Changed	High	None	None	23.4-23.8	
CVE-2025-50066	Oracle Database Materialized View	Execute on DBMS_REDEFINITION	Oracle Net	No	2.7	Network	Low	High	None	Un-changed	None	Low	None	19.3-19.27, 21.3-21.18, 23.4-23.8	
CVE-2025-30750	Unified Audit	Create User	Oracle Net	No	2.4	Network	Low	High	Required	Un-changed	None	Low	None	19.3-19.27, 21.3-21.18, 23.4-23.8	



Current Software Release and Patch Stands

	Component	Patch (PSU)/Release	Patch (DBPro/RU)	MOS Note ID
Database	23ai		23.9.0.25.07	742060.1
	21c		21.19.0.0.250715	
	19c		19.28.0.0.250715	161818.1 / 756671.1
	12.2.0.1		12.2.0.1.250715	Recommended one-offs: 555.1
	12.1.0.2		12.1.0.2.250415	Primary Note Quarterly RUs: 888.1
Enterprise Manager	24ai		24.1.0.5	downloads
	13c		13.5.0.27	822485.1 Proactive Patch Program
Engineered Systems	Exadata Storage	25.2.2.0.0 25.1.9.0.0 24.1.16.0.0	OEDA: 25.2.2.0.0	888828.1 Exadata System Software 25.1
	ODA	19.28		Docs



Current Software Release and Patch Stands

	Component	Version	Link / MOS Note ID
Data Pump Bundle Patch	Patch 38170982	19.28	2819284.1
	Patch 38229334 (Win)	19.28	
	Patch 37805452	23.9	3056856.1
AutoUpgrade	20250730 Build	25.4.20250730	2485457.1
Checks	AHF	25.8.0	2550798.1
	DBSAT	4.0.0	2138254.1
Dev Resources	Using SQL Developer	24.3.1	oracle.com/sqldev
	SQLcl	25.2.2	oracle.com/sqlcl
	Extension for VS Code	25.2.2	Download
	ORDS	25.2.3	oracle.com/ords
	Apex	24.2.9	apex.oracle.com
	Driver for Python	3.3.0	Release Notes
	Instant Client Linux	23.9, 21.19, 19.28	downloads
	Instant Client Windows	23.9, 21.19, 19.28	



Current Software Release and Patch Stands

Oracle Database 19c RU28 Linux x86-64



	Update Link
DATAPUMP BUNDLE PATCH 19.28.0.0.0	<u>38170982</u>
ORACLETEXT 19.28 RAC MLR	<u>38128250</u>
ORACLE TEXT 19.28 MLR (not RAC rolling)	<u>38219529</u>
COLLECTION OF OLAP BUGS	<u>35612444</u>
SPATIAL BUNDLE PATCH #1 ON DBRU 19.28.0.0.0	<u>38133188</u>



Current Software Release and Patch Stands

Oracle Database 23ai RU9 Linux x86-64



	Update Link
DATAPUMP BUNDLE PATCH 23.9.0.0.0	38171540
GOLDENGATE MERGE ON DATABASE RU 23.9.0.25.07 OF 37469054 37626359 37682741 ...	38149104
SPATIAL BUNDLE PATCH #1 ON DBRU 23.9.0.25.07	38156803



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Title	Author
A little story of Oracle APEX (Low Code) for the win	Tim Hall
Data Warehousing with Oracle - 23.9 supports GROUP BY ALL	Dani Schnider
Configuring a Private Endpoint LLM for Oracle Autonomous Database Select AI	Mark Hornick
SQL Diagnostic Report Now Available in Oracle Database 19c	Nigel Bayliss
Visualize Graphs in SQL Developer for VS Code	Ramu Murakami Gutierrez
Exadata AI Smart Scan Deep Dive	Alex Blyth
Oracle Cloud Infrastructure and Microsoft Azure Expand Oracle Database Services and Add More Supported Regions	Muneer Mirza
Protecting Database Performance using DBRM + Dynamic Scaling	Christian Craft
Building an Interactive Analytic Application on Autonomous Database Using APEX	William Endress
Oracle Machine Learning for R now Supports Oracle R Distribution 4.4.1	Sherry LaMonica

More links in our [Quick Links Posting](#)





Thank you!

Next Monthly News

October 31, 2025

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