



# Exadata Database Service for Developers (ExaC@C)

All-in-One Datasheet Produced by DBExpert

## Overview

Exadata Cloud@Customer enables users to develop applications on Exadata Cloud@Customer using a no-cost Oracle Database license. Customers can provision a new "Exadata Database-Developer" type of VM Cluster to run Exadata Database Service and will only pay for the cost of the infrastructure. If using the previously idle capacity of an existing Exadata Cloud@Customer, customers will be able to develop in an Exadata Database-Developer VM Cluster for no additional cost.

The Exadata Database-Developer VM Cluster type is intended for developing applications only and is subject to limitations to prevent running production workloads in a developer VM Cluster. Limits will be placed on the number of threads per PDB, the amount of memory per PDB, the size of the database per PDB, and the number of sessions per PDB. Advanced database features like RAC and Data Guard will not be available.

Unlike other free alternatives targeted at developers that provide no support, Exadata Database Service for Developers provides assistance from Oracle Support with SRs filed as "Technical Issue" or "General Guidance".

Visit the [DB Expert Services Taxonomy page](#) to get the latest version of this data sheet and see data sheets for all of the Oracle Cloud Database services.

## Deployment

|                                 |                                                                 |
|---------------------------------|-----------------------------------------------------------------|
| Database Type                   | Single Database                                                 |
| Management Model                | Co-managed PaaS                                                 |
| Supported Cloud Environments    | Cloud@Customer                                                  |
| SKUs for starting configuration | B110469 (CPU)                                                   |
| DB Versions Supported           | Oracle 23ai (Long-term release), Oracle 19c (Long-term release) |
| Hardware Infrastructure         | Dedicated Engineered System                                     |

## Usage Models

|                       |                                                                                                                                               |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Recommended Workloads | Blockchain<br>Data Science / Machine Learning<br>Graph<br>Mixed Workload (Transaction + Analytics)<br>Transaction Processing (OLTP)<br>Vector |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|

|                                      |                                                                                                                                                                                                                                                                                      |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Recommended Data Models</b>       | Document Store (JSON)<br>Document Store (XML)<br>NoSQL<br>Spatial<br>Text<br>Vector                                                                                                                                                                                                  |
| <b>Certified Oracle Applications</b> | Enterprise Performance Management (Hyperion) 11.2<br>JD Edwards EnterpriseOne Tools 9.2.6 and later<br>Oracle APEX<br>Oracle Fusion Middleware 14.1.2.0.0<br>Oracle Primavera P6 EPPM Version 23<br>PeopleSoft PeopleTools 8.62 and later<br>Siebel Enterprise Server 25.2 and later |

## Capacity

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Configuration Options</b> | <p>Max 2 threads per PDB (enforced by the database)</p> <p>Max 8GB memory per PDB (enforced by the database)</p> <p>Max 20GB database size per PDB (enforced by the database)</p> <p>Max 30 sessions per PDB (enforced by the database)</p> <p>CDB/PDB only—no 19c nonCDB databases.</p> <p>Single-instance only (enforced by cloud automation)</p> <p>No automation to create Data Guard Association (enforced by cloud automation)</p> <p>Manual Data Guard setup not allowed by policy</p> <p>Backup to same backup destinations as standard service. No cross region backup/restore (enforced by cloud automation)</p> <p>Minimum RU 19.26 (Jan 2025) or 23.6 (Oct 2024).</p> <p>You cannot switch the VM Cluster type from "Exadata Database - Developer" to another VM Cluster type (enforced by automation)</p> <p>License type must be license included—BYOL is not allowed</p> |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                        |                                                     |
|------------------------|-----------------------------------------------------|
|                        |                                                     |
| <b>CPU Range</b>       | 4 to 4 ECPUs                                        |
| <b>Shapes</b>          | ExaDB-C@C NewDev<br>ECPUs: 4 to 4<br>Max DB TB: .02 |
| <b>CPU scaling</b>     | N/A                                                 |
| <b>Storage scaling</b> | Fixed storage size                                  |
| <b>Max IOPs</b>        | N/A                                                 |
| <b>Max Throughput</b>  | N/A                                                 |
| <b>Max Memory</b>      | N/A                                                 |

## Availability

|                                                                                                  |                   |
|--------------------------------------------------------------------------------------------------|-------------------|
| <b>Nines of availability (may require configuration)</b>                                         | 99.5 SLO          |
| <b>Oracle DB Maximum Availability Architecture medals (for OCI / Cloud@Customer deployments)</b> | Not MAA certified |
| <b>Automated backups max retention</b>                                                           | up to 95 days     |
| <b>Long-term backup retention (up to 10 years)</b>                                               | No                |

## Functionality Included

|                                                                    |                                                                                                                                                                                                                               |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Included Oracle DB Options for license-included service (*)</b> | Advanced Compression<br>Advanced Security<br>Database In-Memory<br>Database Vault<br>Label Security<br>Multitenant<br>Partitioning<br>Real Application Clusters (Oracle RAC)<br>Real Application Testing<br>Spatial and Graph |
| <b>Included Oracle EM Packs for license-included service (*)</b>   | Cloud Management Pack for Oracle Database<br>Data Masking and Subsetting Pack<br>Database Lifecycle Management Pack for Oracle Database<br>Diagnostics Pack<br>Tuning Pack                                                    |

|                                                   |             |
|---------------------------------------------------|-------------|
|                                                   |             |
| <b>Free Add-Ons (no extra licensing required)</b> | Oracle APEX |

\*Check service documentation for feature availability and limitations

## Locations

### Oracle Cloud Infrastructure

Customer Data Center

### Azure

None to date. Visit the Multicloud Updates page (link below) to check on potential roadmap items.

### Google Cloud

None to date. Visit the Multicloud Updates page (link below) to check on potential roadmap items.

### AWS

None to date. Visit the Multicloud Updates page (link below) to check on potential roadmap items.

[Multicloud Updates](#)

## Operational Controls

|                                                                 |     |
|-----------------------------------------------------------------|-----|
| <b>Allows installing additional software/agents on the host</b> | Yes |
| <b>Allows installing OS packages</b>                            | No  |
| <b>Allows kernel changes</b>                                    | No  |
| <b>Allows OS runtime changes</b>                                | Yes |
| <b>Allows sysdba access</b>                                     | Yes |
| <b>Oracle operator access control</b>                           | Yes |
| <b>Control DB patch level</b>                                   | Yes |
| <b>Control DB release update (RU) level</b>                     | Yes |
| <b>Control DB version</b>                                       | Yes |
| <b>Control maintenance window</b>                               | Yes |

|                                                      |    |
|------------------------------------------------------|----|
| Preview and Validate Patches for Zero-Regression SLO | No |
|------------------------------------------------------|----|

## Additional Information

|                                                         |     |
|---------------------------------------------------------|-----|
| Open Source DB                                          | No  |
| Delta Sharing / Cloud Links                             | No  |
| Select AI to Generate SQL from Natural Language Prompts | No  |
| Mongo-compatible API                                    | Yes |
| Supports non-CDB home                                   | No  |

## Reference Links

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### General

[Oracle PaaS and IaaS Universal Credits Service Descriptions](#)

[Service Level Objectives](#)

[Oracle DB Maximum Availability Architecture medals](#)

[Oracle Cloud Infrastructure Compliance](#)

[Oracle Database Releases](#)

[BYOL FAQ](#)

[OCI Locations and Status](#)

[Oracle Database Multicloud Regions, Capabilities, Compliance, High Availability and Migration](#)

### Service Specific

[ExaDB-C@C - Developer Customer References](#)

[Exadata Cloud at Customer on oracle.com](#)

[Exadata Database Service for Developers](#)

[Oracle Database Cloud Migration](#)

[Oracle Database for developers: events, sample apps, community links and more resources](#)

[Oracle Exadata Database Service on Cloud@Customer X11M Data Sheet](#)