

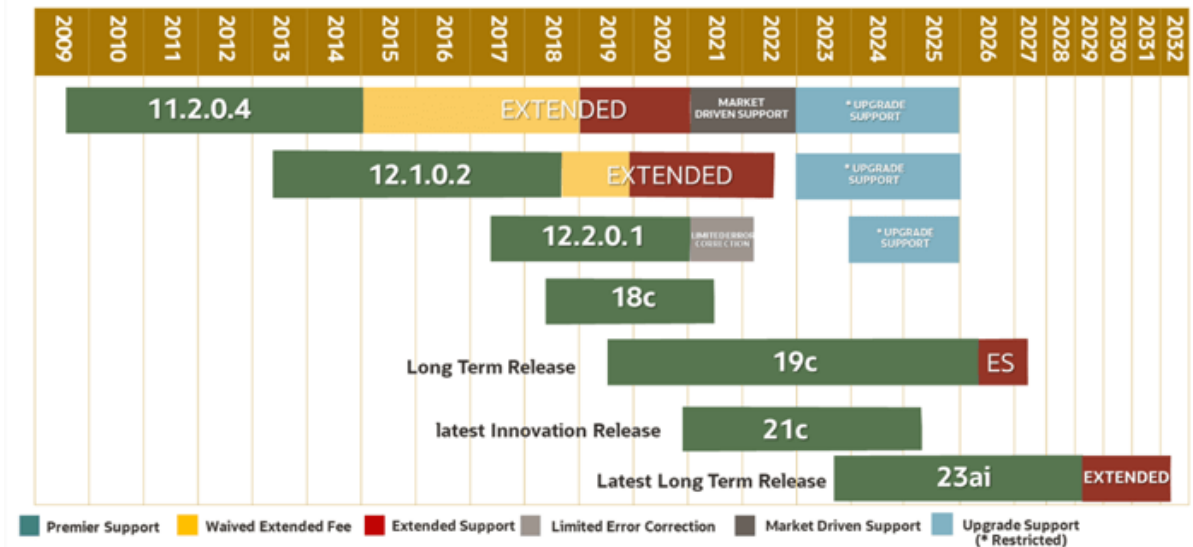
# Turning your project data into predictive intelligence



## Why ALL Oracle Database customers should be planning for 23ai database upgrades in 2025?

1. For earlier database versions (11.2, 12.1, 12.2), restricted upgrade support has been added through Customer Success Services for 2025. As a result, customers running Oracle E-Business R12.2 (or earlier versions) now face a gap in their Oracle support services, even where they continue to pay Oracle's support fees.
2. At present, E-Business Suite 12.2 is certified only up to database 19c. Oracle has also announced that Premier Support for the previous long-term support database – 19c – has been moved from April 2024 to April 2026, with Extended Support until April 2027.
3. **Oracle Database 23ai is expected to be released to general on-premises in the second half of 2024.** Oracle [recently announced](#) the general availability of their latest long-term support database, Oracle Database 23ai. Premier Support for 23ai is offered until April 2029, with Extended Support until April 2032.

Based on the expected general release of Oracle Database 23ai in 2H CY2024 and the end of Premier Support for 19c in April 2026...



### And why upgrade to 23ai database in 2025?...

4. Oracle Database 23ai includes [many new AI features](#), dev for data and mission-critical data. These are the core pillars, with features such as Vectors, JSON Duality, ONNX Support, Oracle True Cache and Globally Distributed Database ...**So, from Day 1**, you can load [ONNX \(Open Neural Network Exchange\) AI models](#).

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All Oracle Database customers should be planning for 23ai database upgrades in 2025.



***In short then, as E-Business Suite 12.2 is certified only up to database 19c, and long-term support for 19c is only till April 2026, with Extended Support until April 2027.***

***Then it seems inevitable that organisations need to upgrade to 23ai database to take advantage of new AI features...***

## **Preparing for Database 23ai:**

So, now that you have decided to upgrade to Oracle Database 23ai, the question is: "How you can prepare?"

Several things need to be done before that to get system 23ai ready and to make that upgrade quicker and easier.

1. Upgrade database to 19c, if the existing database is on a version older than 19c.
2. Migrate to [19c multi-Tenant architecture](#) as Container Database (CDB) will be mandatory in 23ai.
3. Apply the latest [AD and TXK minipacks](#) (e.g., R12.AD.C.Delta.16 and R12.TXK.C.Delta.16) will be prerequisites for 23ai for E-Business Suite.
4. Upgrade to the latest version of E-Business Suite 12.2 (as of Aug 2024 12.2.13 is the latest version). All versions of E-Business Suite before 12.2.7 are now [out of Oracle Error Correction Support](#). Baseline upgrade of the application tier change to R12.2. This may also include upgrading the underlying database, installing the required patches and updates, and addressing any compatibility issues. Additionally, Oracle has designated 12.2 as the long-term support release for Oracle E-Business Suite, guaranteeing Premier Support availability until at least 2030.
5. Apply all recommended technology stack patches from ETCC. Download the latest version of patch 17537119 ('EBS Technology Codelevel Checker') and run it against both the database and application nodes.
6. EBS System Schema Migration. As of code stack level R12.AD.C.Delta.13 a new EBS\_SYSTEM schema was introduced. An optional step in implementation was to move objects out of the standard SYS and SYSTEM schemas into this new area.



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## So, how can you start?

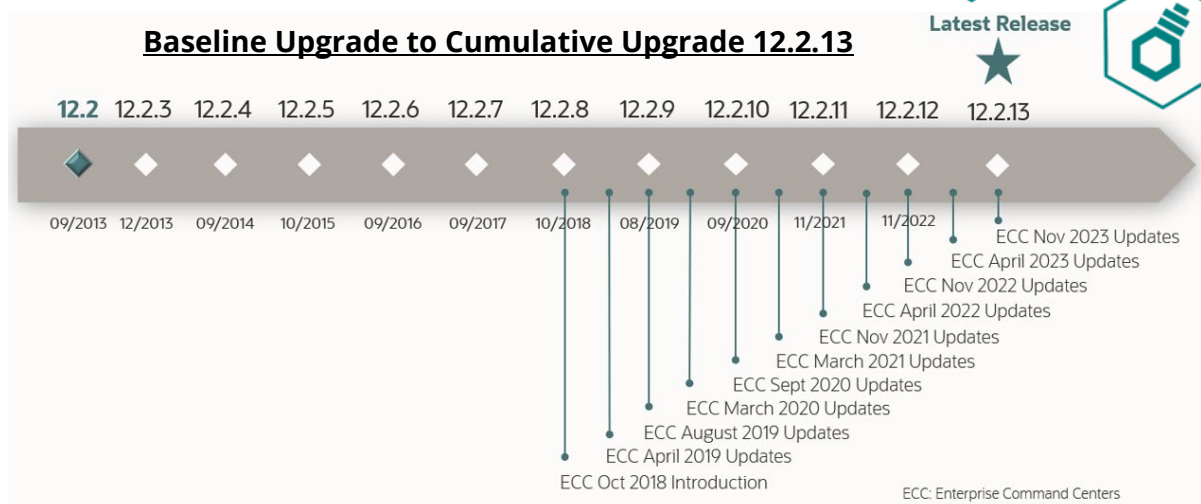
### EBS Upgrade Blueprinting

Organisations can develop a Blueprint to cover build principles, systems configuration, report specifications, interface specifications, functional design, changed/new processes, job/organisational impacts, testing, training needs analysis, role definitions, data migration, cut-over and go-live requirements.

Upgrade Planning will consider such factors as testing cycles, business needs, new features to be used and post-upgrade support. The upgrade process begins with a thorough assessment of your existing E-Business Suite (EBS) environment. This includes analysing your current configuration, identifying customisations and extensions, and evaluating any third-party integrations. This assessment helps in understanding the scope of the upgrade and formulating a tailored upgrade strategy.

The **benefit of this Blueprint** will be a clear vision of goals, expected benefits and the detailed steps and milestones to achieve them, covering: **(a)** CEMLI inventory, **(b)** System & Architectural review, and **(c)** Service management systems & process review.

*To ensure continuous support, it is imperative to upgrade your EBS instance.*



**Figure 1 Release timeline for Oracle E-Business Suite (EBS)**

This is an important preparatory step. Oracle introduced a "Continuous Innovation" approach for Oracle E-Business Suite 12.2 to ensure continuous enhancements to both applications and technology stack updates for 12.2, eliminating the need for major upgrades. Additionally, Oracle has designated 12.2 as the long-term support release for Oracle E-Business Suite, guaranteeing Premier Support availability until at least 2030.