

Standard Edition Database - something for the Enterprise?

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Keywords:

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Introduction

In this presentation I will talk about the opportunities the Oracle Standard Edition Database can bring to the Enterprise, how to simulate some Enterprise Edition features that are not available out-of-the-box, and remind the attendees about some pitfalls, “do's and dont's" that the DBA might bump in to when the environment contains a Standard Edition Database

Audience experience: All Experience Levels
Audience function: Customer/Senior Manager

Headline

Standard Edition Database - something for the Enterprise?

Answer:

Is there any laws and/or regulations that requires Oracle Enterprise Edition features/options?
Does your business requires features/options only available in the Oracle Enterprise Edition?
If the answer is No, then the Oracle Standard Edition Database can be an opportunity - its part of the Oracle Database Family, and as solid as the Enterprise Edition Database and is fully supported by Oracle Support.

What does Oracle say about Standard Edition?

Oracle Database 12c Standard Edition 2

Affordable, Full-Featured Database

Oracle Database Standard Edition 2 is an affordable, full-featured database built for unprecedented ease of use, power, and performance. From single-server environments for small business to highly distributed branch environments, Oracle Database Standard Edition 2 includes all the features necessary to build business applications.

Opportunities

The opinions towards Standard Edition over the last year has changed to its favour. Oracle has improved its documentation, and highlighted the Standard Edition opportunities in a new and positive way. Bloggers all over the world, have started to understand the value of this amazing database edition. During this part of the presentation I will talk about some of the opportunities that the Standard Edition will bring to the table. Things like how to achieve Physical Standby database, partitioning, available tuning and performance tools, what's the benefit from single tenant, and cloud/oda opportunities that might not have been so obvious.

pitfalls

The best part of our Oracle Community is the genuine will to share knowledge. There are so many good blogs out there with a huge amount of advices on how to perform different DBA/Developer tasks, but from a Standard Edition point of view, there is luring a risk in this. Not until lately (since august this year), all bloggers have written their advices from the Enterprise Edition point of view. So when you are working in a Standard Edition database environment, the chance of performing something that will violate the license agreement with Oracle is high. For example, this snippet of code can be found from a blog, and by copy-pasting it into your Standard Edition database and executing it, you will violate the license agreement:

```
SELECT output FROM TABLE
(dbms_workload_repository.awr_report_text( v_dbid,
v_instance_number, v_curr_val, v_curr_val+v_snap_delta))
```

In my speak I will talk about the main do's and don'ts

challenges

Everybody knows that Oracle Database Enterprise Edition database is the flagship, and that it is full of very nice options and features. We will discuss some of them, and let's see if after this speak you would consider Oracle Database Standard Edition database as a winning choice for your Enterprise or will you prefer some other vendors database instead.

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