

# Oracle Database 12c OGH

Oracle upgrade naar database 12c



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**TRANSFER**

# Indeling

- Upgrade database naar 12c (40 min.)
- Pluggable database upgrade (10 min.)
- APEX en pluggable databases (10 min.)

# Oracle Database 12c Release 1

## (12.1.0.2.0) - Enterprise Edition

<a href="#">Microsoft Windows x64 (64-bit)</a>	<a href="#">File 1</a> , <a href="#">File 2</a> (2.5 GB) <a href="#">See All</a>
<a href="#">Linux x86-64</a>	<a href="#">File 1</a> , <a href="#">File 2</a> (2.5 GB) <a href="#">See All</a>
<a href="#">Oracle Solaris (SPARC systems, 64-bit)</a>	<a href="#">File 1</a> , <a href="#">File 2</a> (2.6 GB) <a href="#">See All</a>
<a href="#">Oracle Solaris (x86 systems, 64-bit)</a>	<a href="#">File 1</a> , <a href="#">File 2</a> (2.3 GB) <a href="#">See All</a>
<a href="#">HP-UX Itanium</a>	<a href="#">File 1</a> , <a href="#">File 2</a> (3.1 GB) <a href="#">See All</a>
<a href="#">AIX (PPC64)</a>	<a href="#">File 1</a> , <a href="#">File 2</a> (2.7 GB) <a href="#">See All</a>
<a href="#">zLinux64</a>	<a href="#">File 1</a> , <a href="#">File 2</a> (2.3 GB) <a href="#">See All</a>

## (12.1.0.1.0) - Standard Edition, Standard Edition One, and Enterprise Edition

<a href="#">Microsoft Windows x64 (64-bit)</a>	<a href="#">File 1</a> , <a href="#">File 2</a> (2.5 GB) <a href="#">See All</a>
<a href="#">Linux x86-64</a>	<a href="#">File 1</a> , <a href="#">File 2</a> (2.3 GB) <a href="#">See All</a>
<a href="#">Oracle Solaris (SPARC systems, 64-bit)</a>	<a href="#">File 1</a> , <a href="#">File 2</a> (2.6 GB) <a href="#">See All</a>
<a href="#">Oracle Solaris (x86 systems, 64-bit)</a>	<a href="#">File 1</a> , <a href="#">File 2</a> (2.3 GB) <a href="#">See All</a>
<a href="#">HP-UX Itanium</a>	<a href="#">File 1</a> , <a href="#">File 2</a> (3.1 GB) <a href="#">See All</a>
<a href="#">AIX (PPC64)</a>	<a href="#">File 1</a> , <a href="#">File 2</a> (2.7 GB) <a href="#">See All</a>
<a href="#">zLinux64</a>	<a href="#">File 1</a> , <a href="#">File 2</a> (2.3 GB) <a href="#">See All</a>

- Upgrade scenario's

## Direct

- Database Upgrade Assistant (DBUA)
- Handmatig met behulp van scripts

## Indirect

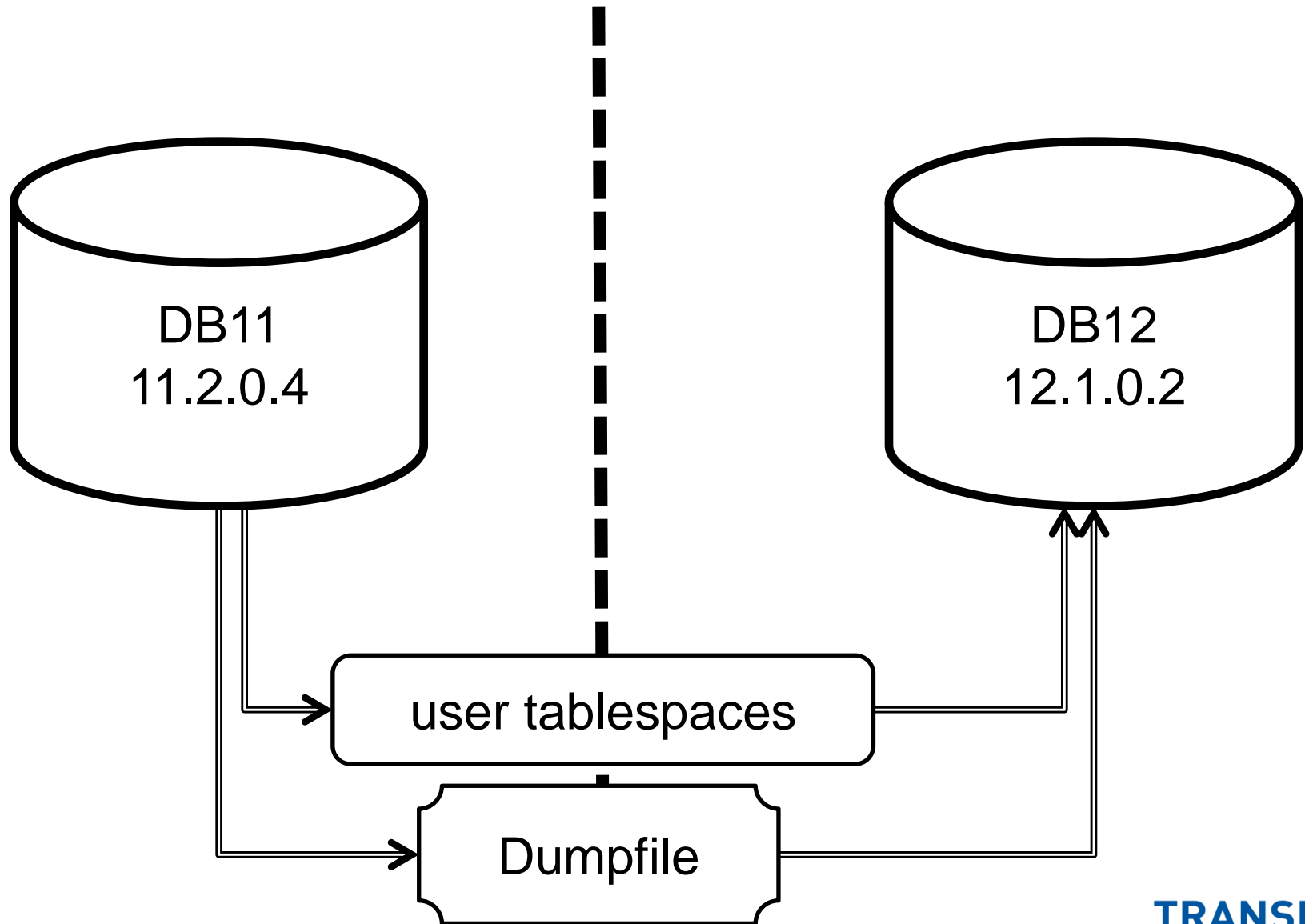
- Export / Import
- Data Copy
  
- Nieuw  
Full transportable database (11.2.0.3 >)

- Ondersteunde upgrade-paden (Direct upgrade)
  - Versie 10.2.0.5 → 12.1
  - Versie 11.1.0.7 → 12.1
  - Versie 11.2.0.2 of hoger → 12.1
  
- Bij lagere versies moet eerst een upgrade worden gedaan naar de dichtstbijzijnde versie die geschikt is voor een upgrade.

# Upgrade met behulp van scripts



# Full transportable database



# Full transportable database

- Van een non-CDB naar een CDB
- Van systeem A naar systeem B
- Van Oracle versie 11.2.0.3 naar Oracle versie 12



# Full transportable database

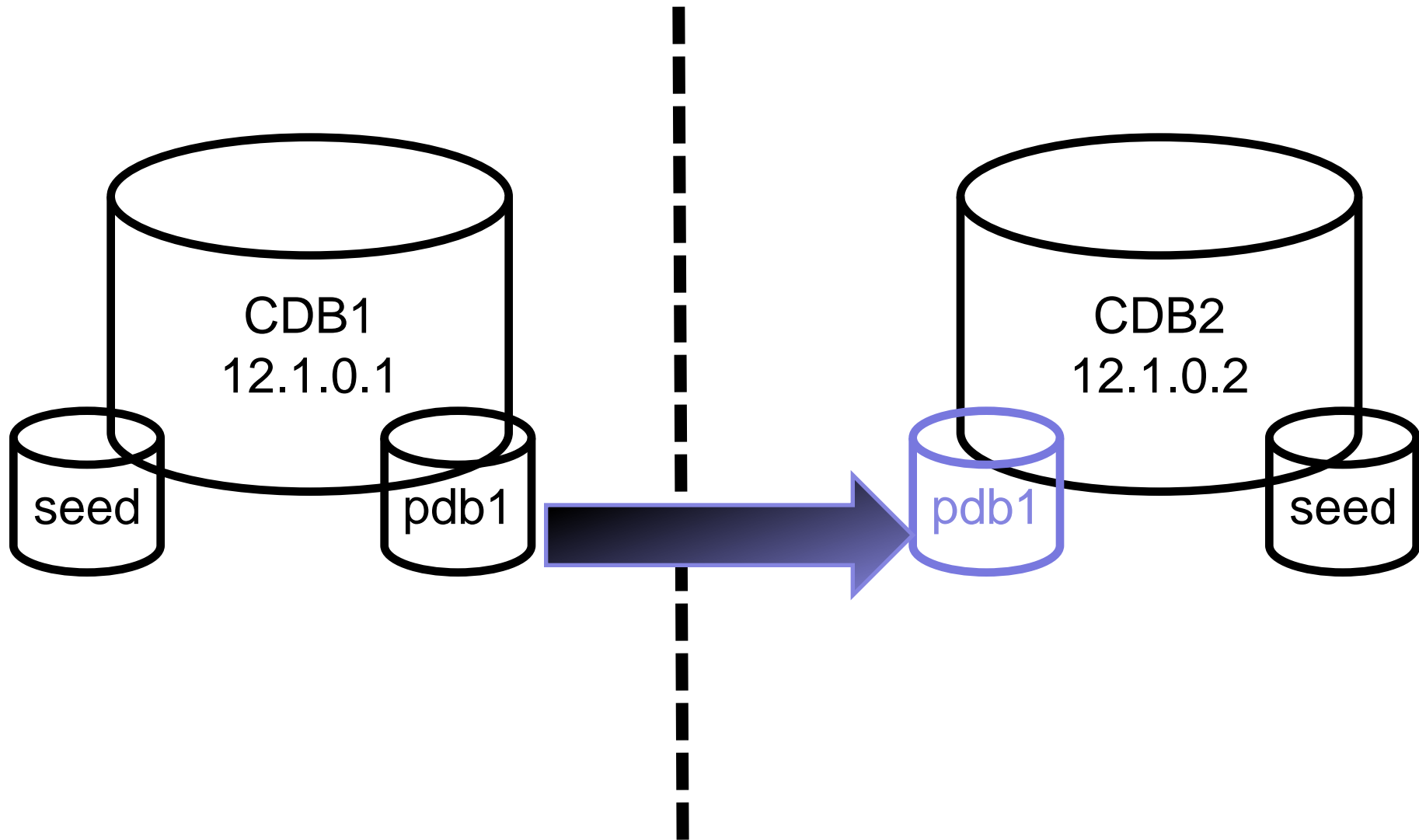


- Overzicht support Oracle-versies (note: 161818.1)

**Oracle Database Releases Status Summary**

<a href="#">Release</a> <i>(Click to see Details)</i>	<a href="#">Current Patch Set</a>	<a href="#">Next Patch Set</a>	<a href="#">Premier Support Ends</a>	<a href="#">Extended Support Ends</a>
<a href="#">12.1.0.X</a>	12.1.0.2	None	-	-
<a href="#">11.2.0.X</a>	11.2.0.4	None	Jan-2015	Jan-2018 Extended Support fees are waived for the first year from Jan-2015 to Jan-2016

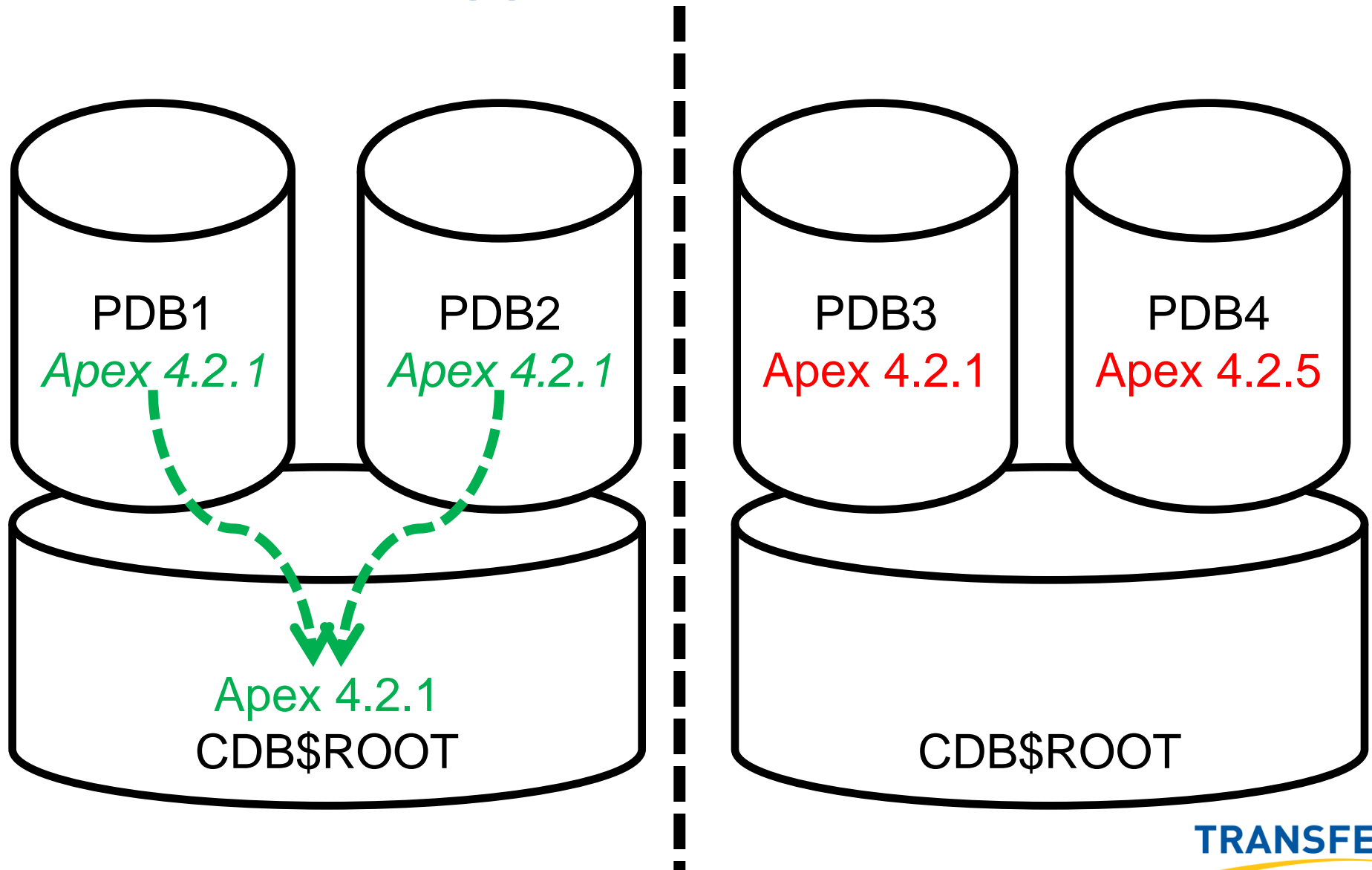
# Pluggable Database Upgrade



# Pluggable Database Upgrade



# APEX en Pluggable Databases



# APEX en Pluggable Databases





**Vragen  
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