

# **Instalace Oracle enterprise linux 7.0 a databáze 12.1.0.2.0**

Manuál a PDF vytvořil

**Tomáš Solar**

Oracle database Specialist

Oracle ACE, OCE (10g,11g), OCP (10g,11g)

Autor knihy "Oracle 11g - Hotová řešení" CZE

[Ebook pro Oracle DB 12c na webu.](#)

[www.Tomas-Solar.com](http://www.Tomas-Solar.com)

[www.database-administrator.com](http://www.database-administrator.com)

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## Instalace operačního systému





## WELCOME TO ORACLE LINUX 7.0.

What language would you like to use during the installation process?

| English    | English    | > | English (United States)       |
|------------|------------|---|-------------------------------|
| Afrikaans  | Afrikaans  |   | English (United Kingdom)      |
| አማርኛ       | Amharic    |   | English (India)               |
| العربية    | Arabic     |   | English (Australia)           |
| অসমীয়া    | Assamese   |   | English (Canada)              |
| Asturianu  | Asturian   |   | English (Denmark)             |
| Беларуская | Belarusian |   | English (Ireland)             |
| Български  | Bulgarian  |   | English (New Zealand)         |
| বাংলা      | Bengali    |   | English (Nigeria)             |
| Bosanski   | Bosnian    |   | English (Hong Kong SAR China) |
| Català     | Catalan    |   | English (Philippines)         |
| Čeština    | Czech      |   | English (Singapore)           |
| Cymraeg    | Welsh      |   | English (South Africa)        |
| Dansk      | Danish     |   | English (Zambia)              |
|            |            |   | English (Zimbabwe)            |
|            |            |   | English (Botswana)            |

Type here to search.

Quit

Continue



INSTALLATION SUMMARY

ORACLE LINUX 7.0 INSTALLATION

us

LOCALIZATION



DATE & TIME  
*Americas/New York timezone*



KEYBOARD  
*English (US)*



LANGUAGE SUPPORT  
*English (United States)*

SOFTWARE



INSTALLATION SOURCE  
*Local media*



SOFTWARE SELECTION  
*Minimal Install*

SYSTEM



INSTALLATION DESTINATION  
*Automatic partitioning selected*



NETWORK & HOSTNAME  
*Not connected*

Quit

Begin Installation

We won't touch your disks until you click 'Begin Installation'.

 Please complete items marked with this icon before continuing to the next step.

Done

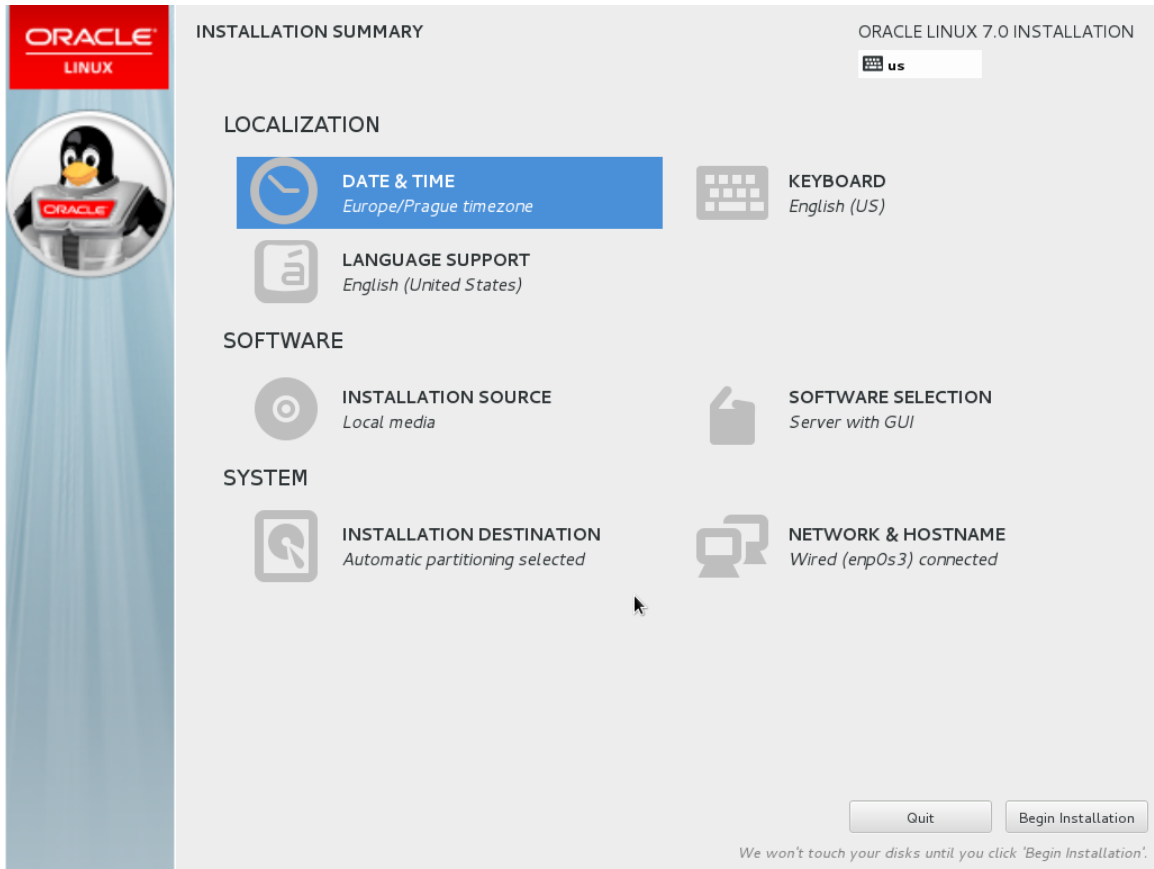
 us

## Base Environment

- ☐ **Minimal Install**  
Basic functionality.
- ☐ **Infrastructure Server**  
Server for operating network infrastructure services.
- ☐ **File and Print Server**  
File, print, and storage server for enterprises.
- ☐ **Basic Web Server**  
Server for serving static and dynamic internet content.
- ☐ **Virtualization Host**  
Minimal virtualization host.
- ☒ **Server with GUI**  
Server for operating network infrastructure services, with a GUI.

## Add-Ons for Selected Environment

- ☐ **Backup Server**  
Software to centralize your infrastructure's backups.
- ☐ **DNS Name Server**  
This package group allows you to run a DNS name server (BIND) on the system.
- ☐ **Directory Server**  
Machine and user identity servers.
- ☐ **E-mail Server**  
Allows the system to act as a SMTP and/or IMAP e-mail server.
- ☐ **FTP Server**  
Allows the system to act as an FTP server.
- ☐ **File and Storage Server**  
CIFS, SMB, NFS, iSCSI, iSER, and iSNS network storage server.
- ☐ **Hardware Monitoring Utilities**  
A set of tools to monitor server hardware.
- ☐ **Identity Management Server**  
Centralized management of users, servers and authentication policies.
- ☐ **InfiniBand Support**  
Software designed for supporting clustering and grid connectivity using RDMA-based InfiniBand and iWARP fabrics.





ORACLE  
LINUX

CONFIGURATION

ORACLE LINUX 7.0 INSTALLATION

 **us**

USER SETTINGS



**ROOT PASSWORD**  
*Root password is set*



**USER CREATION**  
*No user will be created*



Starting package installation process



Oracle Linux Support: 145 countries, 29 languages, 24/7 coverage—serving mission-critical data centers around the world.



INITIAL SETUP

ORACLE LINUX SERVER 7.0

us

LOCALIZATION



LICENSE INFORMATION  
*License not accepted*

USER SETTINGS



USER CREATION  
*No user will be created*

QUIT

FINISH CONFIGURATION

 Please complete items marked with this icon before continuing to the next step.

› Kdump  
Set Up Software  
Updates  
Unbreakable Linux  
Network Login  
Create Profile  
Finish Updates  
Setup

# Kdump

Kdump is a kernel crash dumping mechanism. In the event of a system crash, kdump will capture information from your system that can be invaluable in determining the cause of the crash. Note that kdump does require reserving a portion of system memory that will be unavailable for other uses.

☐ Enable kdump?

Kdump Memory Reservation: ☐ Automatic ☒ Manual

Memory Currently Reserved (MB): 257

Memory To Be Reserved (MB):

Total System Memory (MB): 5828

Usable System Memory (MB): 5571

## Advanced kdump configuration

```
# Configures where to put the kdump /proc/vmcore files
#
# This file contains a series of commands to perform (in order) when a
# kernel crash has happened and the kdump kernel has been loaded. Direc
# this file are only applicable to the kdump initramfs, and have no effect if
# the root filesystem is mounted and the normal init scripts are processed
#
# Currently only one dump target and path may be configured at once
# if the configured dump target fails, the default action will be preformed
# the default action may be configured with the default directive below. If th
# configured dump target succeeds
#
# Basics commands supported are:
# raw <partition> - Will dd /proc/vmcore into <partition> .
#                  Use persistent device names for partition devices,
#                  such as /dev/vg/<devname> .
#
# nfs <nfs mount> - Will mount fs and copy /proc/vmcore to
#                  <mnt>/var/crash/%HOST-%DATE/, supports DNS.
```

Back

Forward

Kdump  
» Set Up Software Updates  
Unbreakable Linux Network Login  
Create Profile  
Finish Updates Setup

## Set Up Software Updates

This assistant will guide you through connecting your system to Unbreakable Linux Network (ULN) for software updates, such as:

- Your Oracle Single Sign-On login
- A name for your system's Unbreakable Linux Network profile

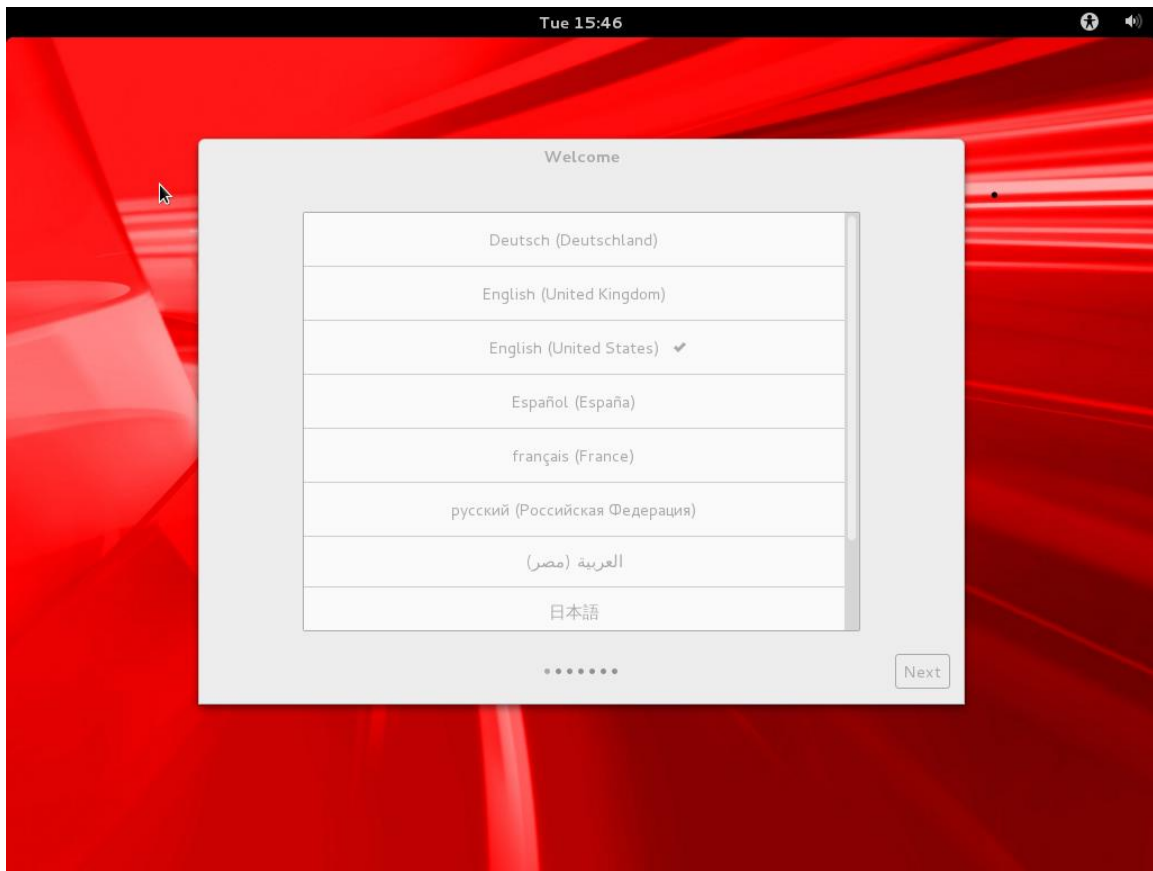
Why Should I Connect to ULN? ...

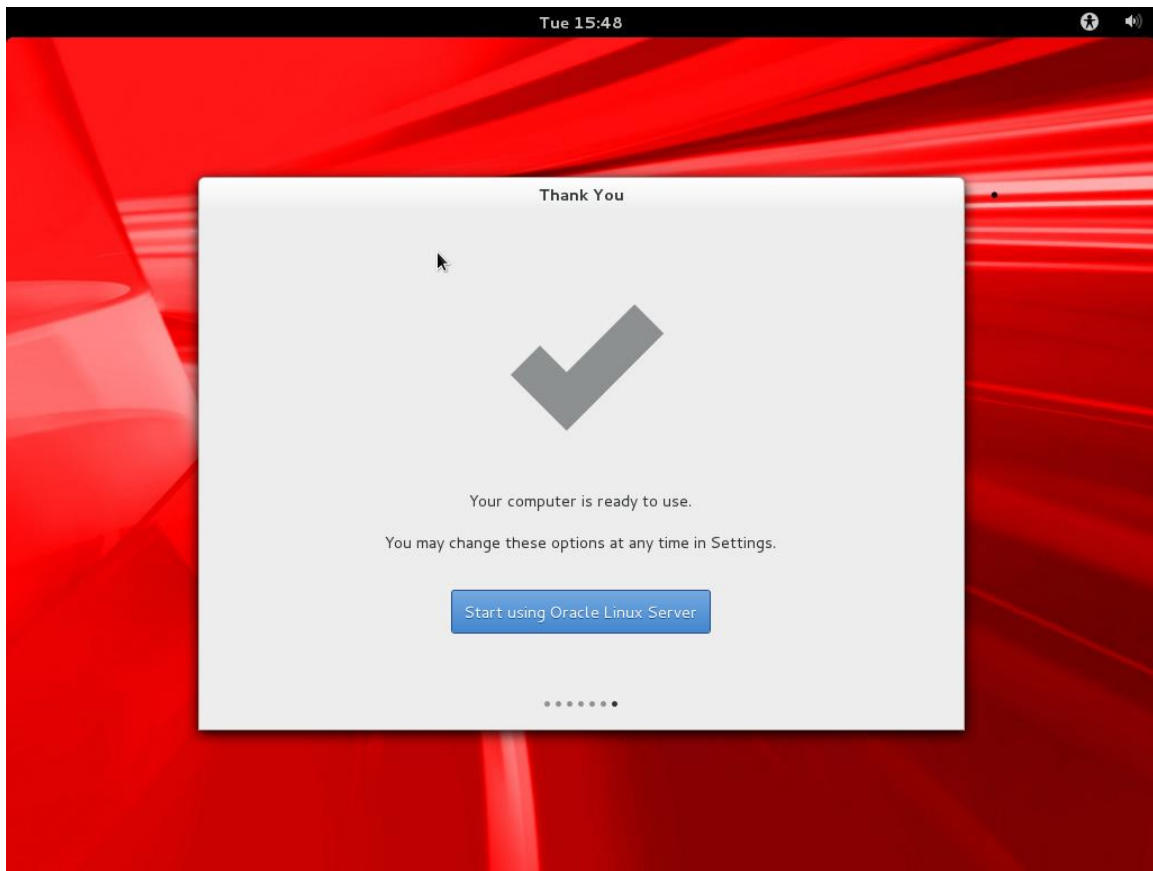
Would you like to register your system at this time? **(Strongly recommended.)**

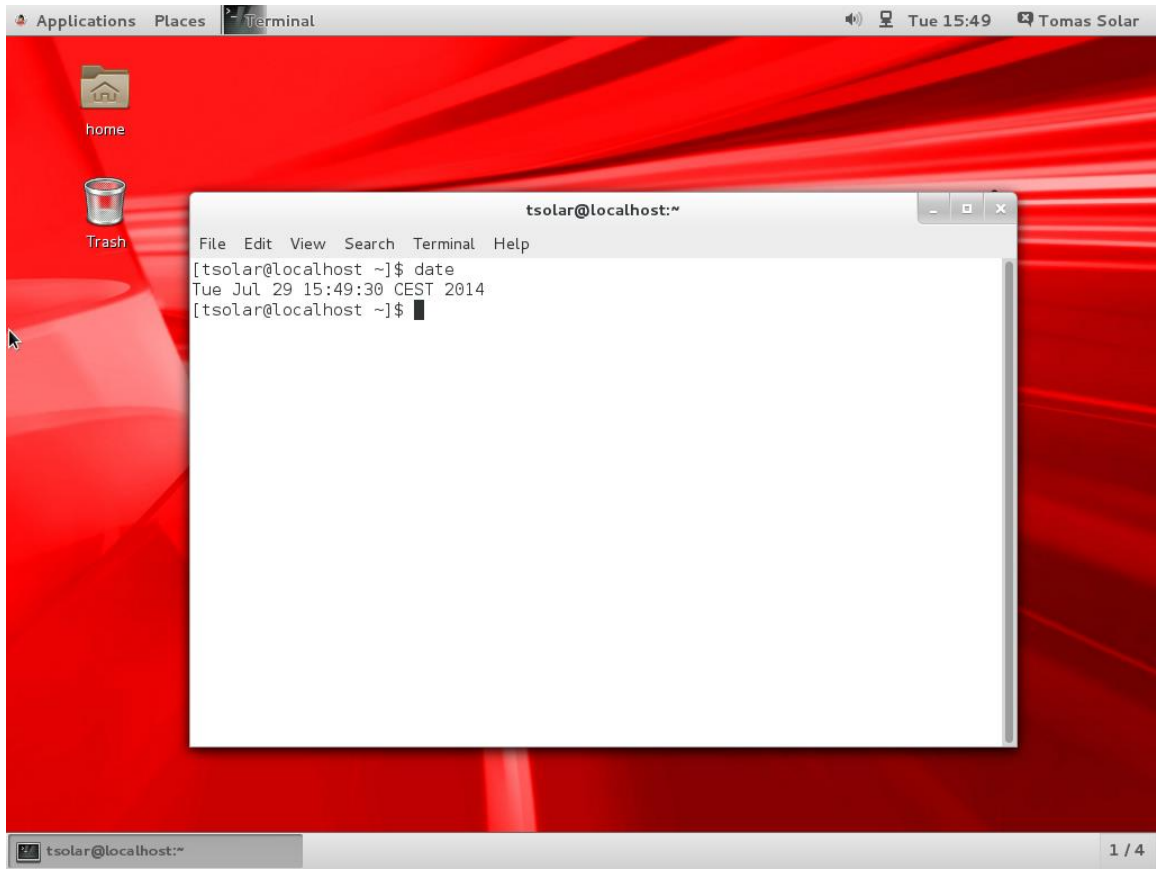
- ☐ Yes, I'd like to register now.
- ☒ No, I prefer to register at a later time.

Back

Forward







## Instalace Oracle software

Oracle Database 12c Release 1 Installer - Step 1 of 9

**Configure Security Updates**

Provide your email address to be informed of security issues, install the product and initiate configuration manager. [View details.](#)

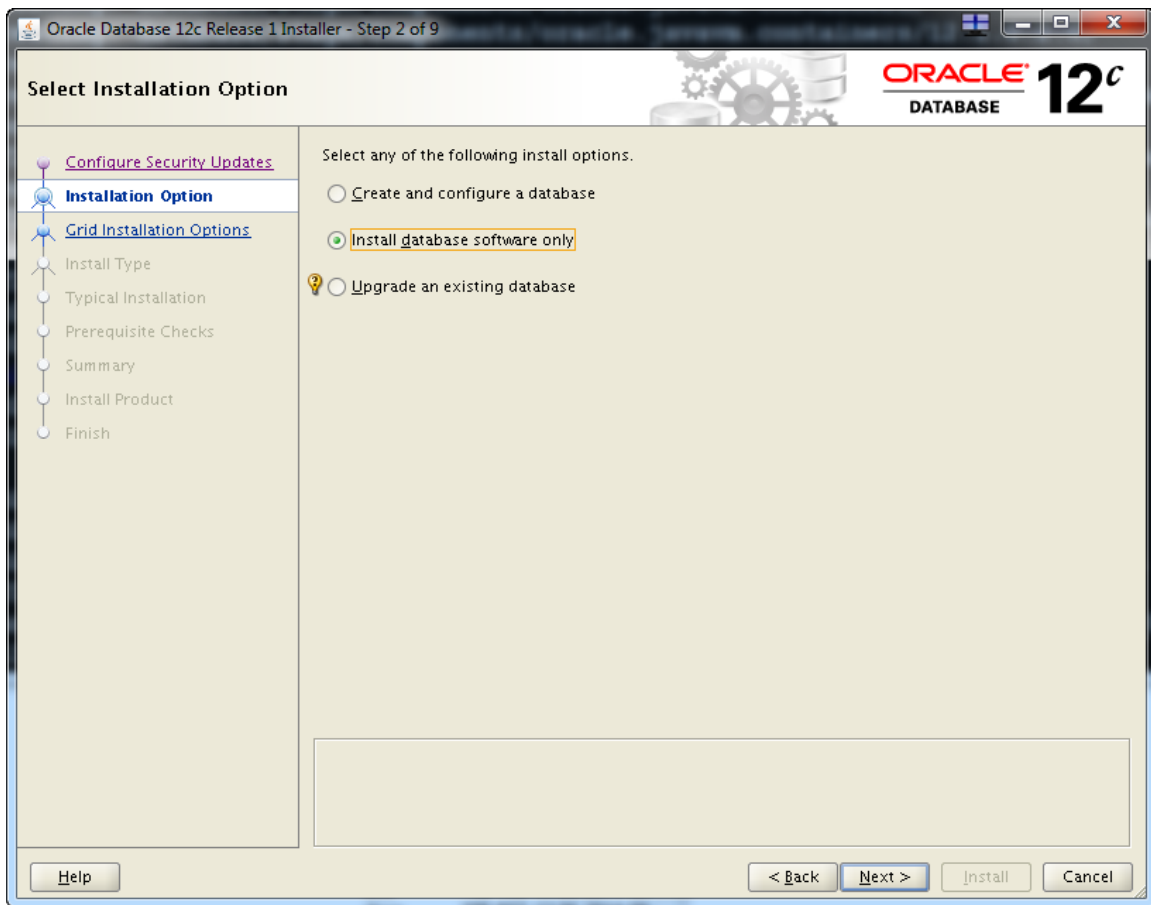
Email:

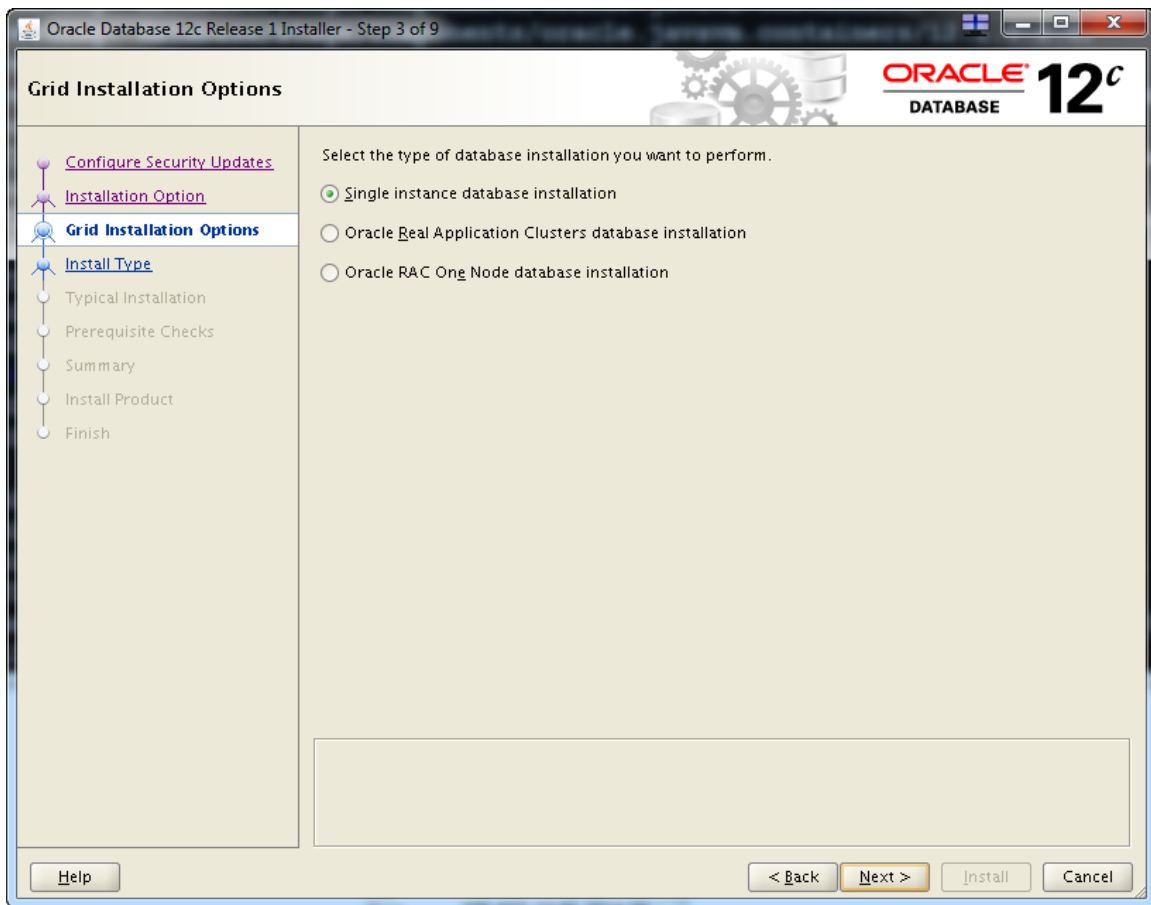
Easier for you if you use your My Oracle Support email address/username.

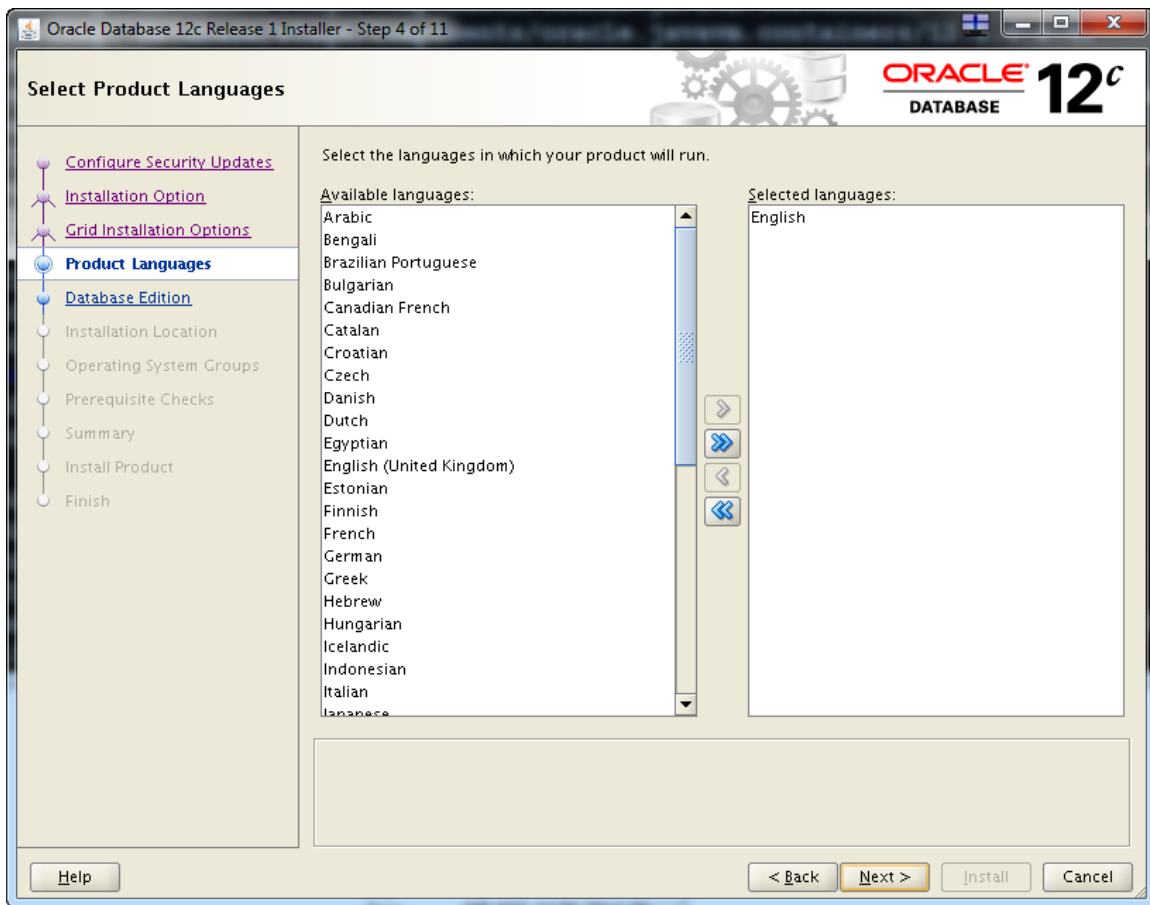
☐ [I wish to receive security updates via My Oracle Support.](#)

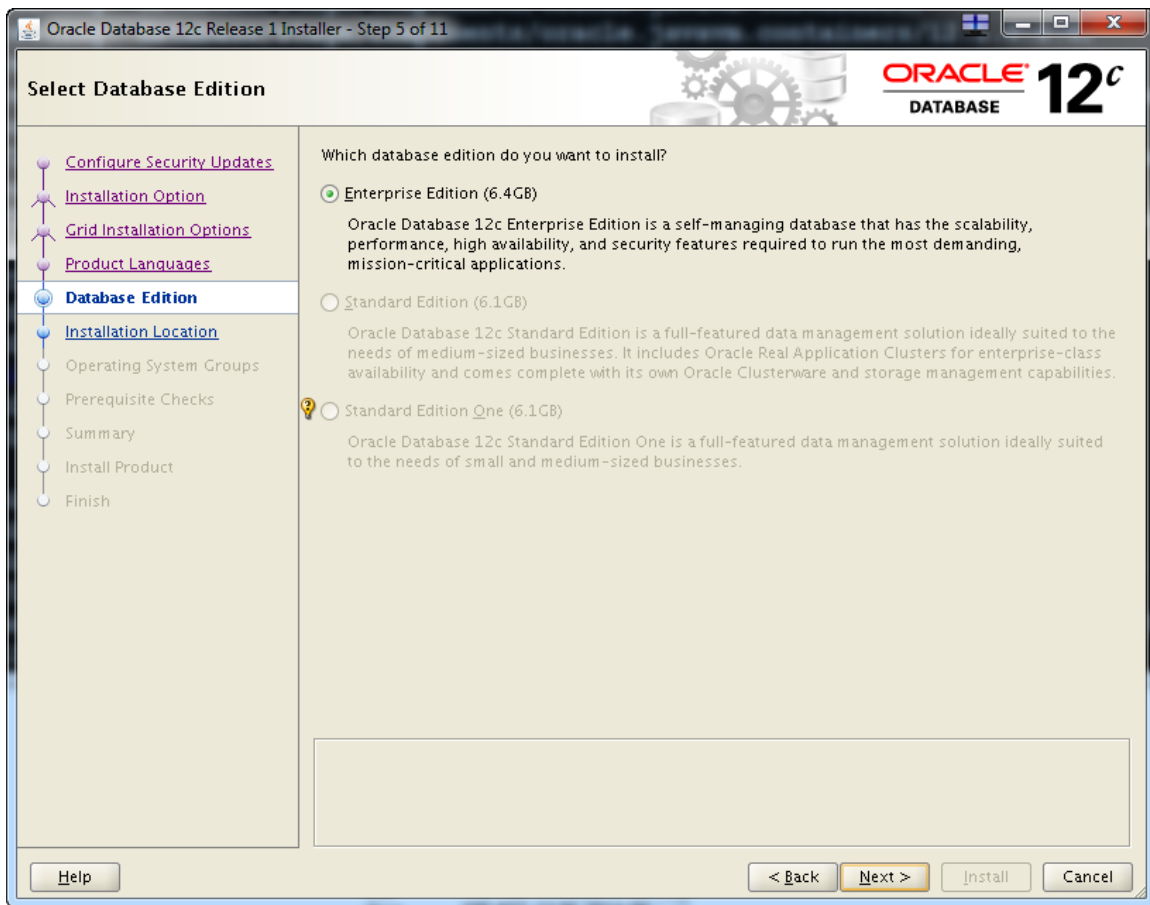
My Oracle Support Password:

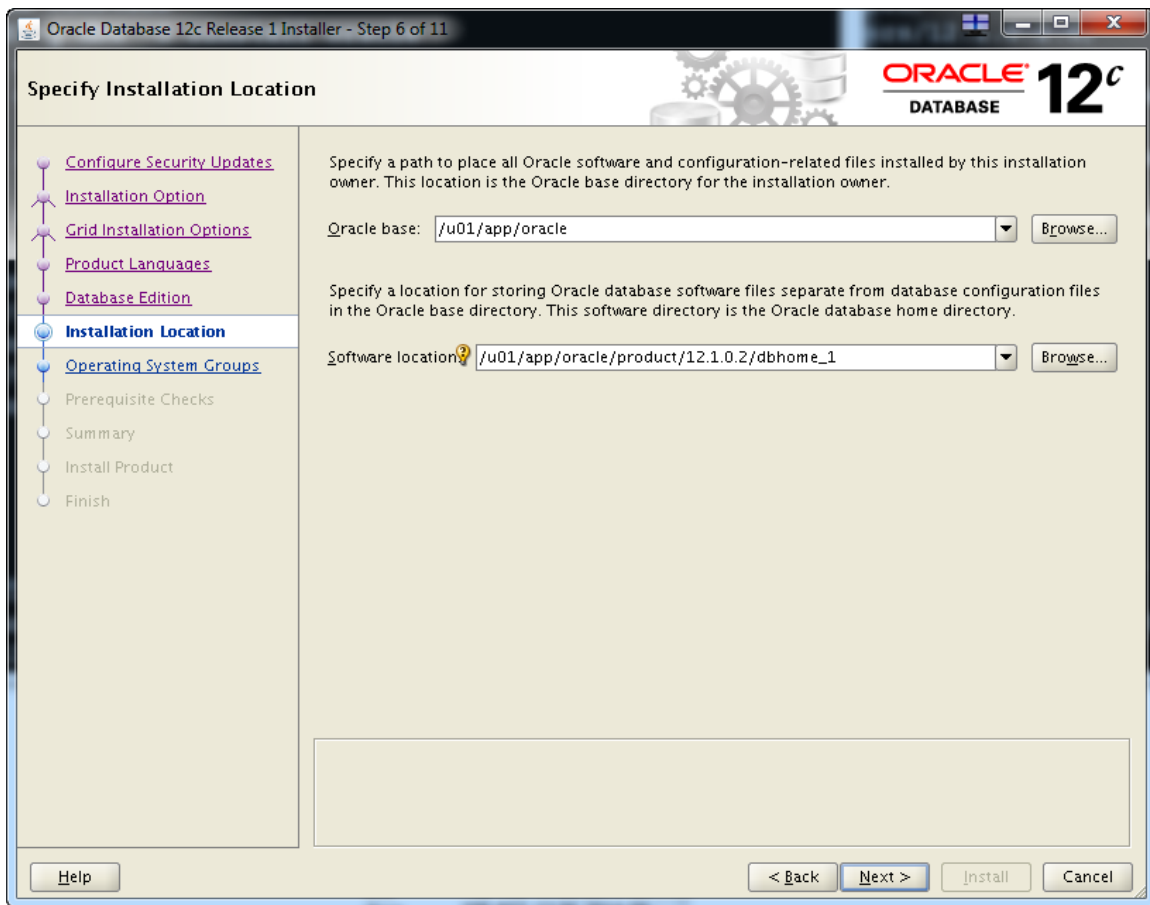
[Help](#) [< Back](#) [Next >](#) [Install](#) [Cancel](#)



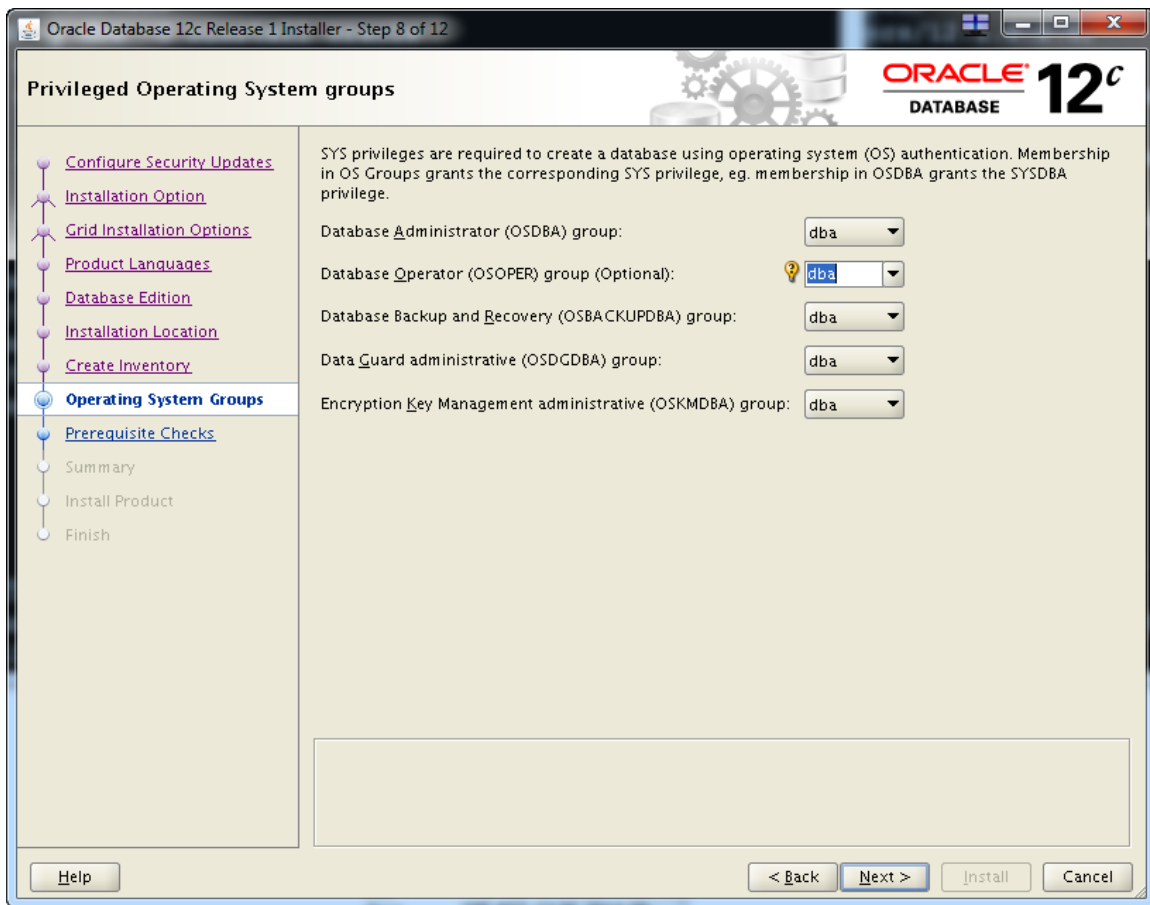


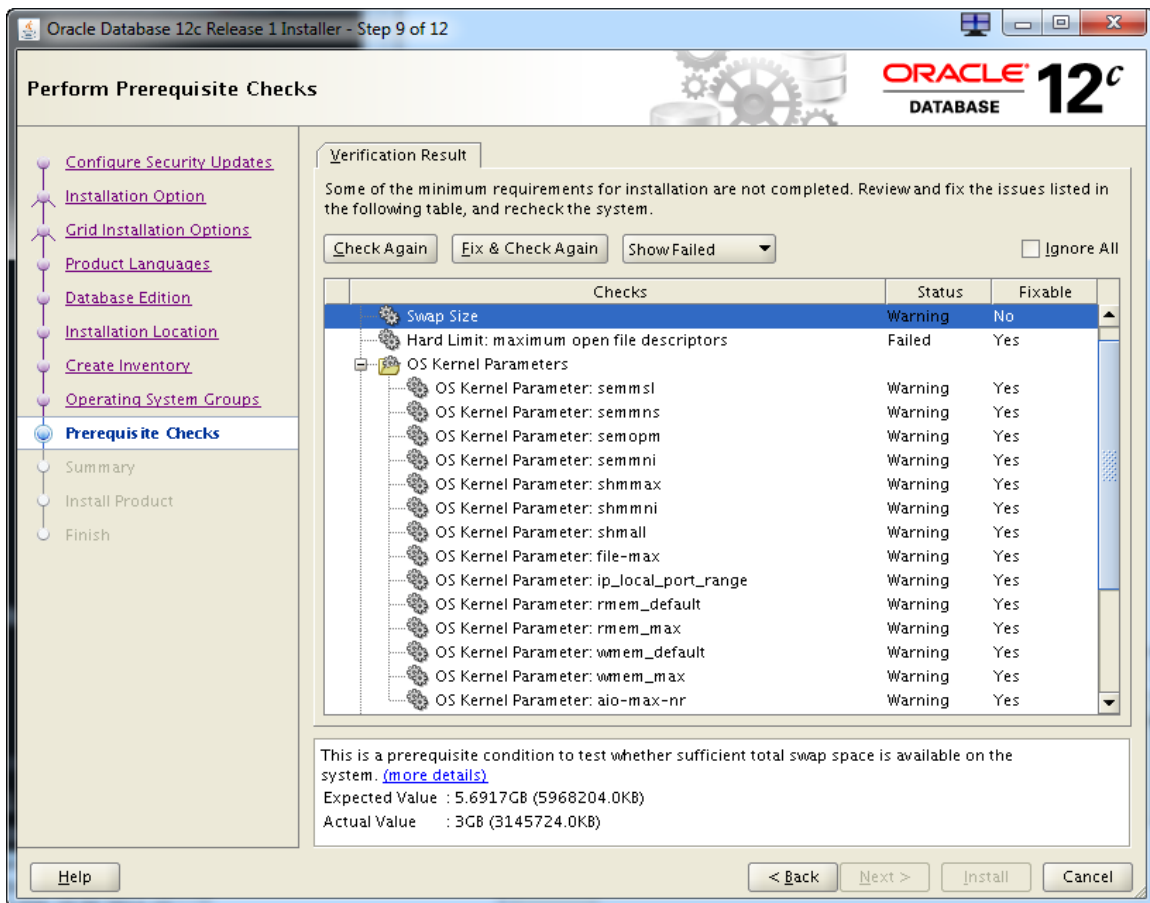


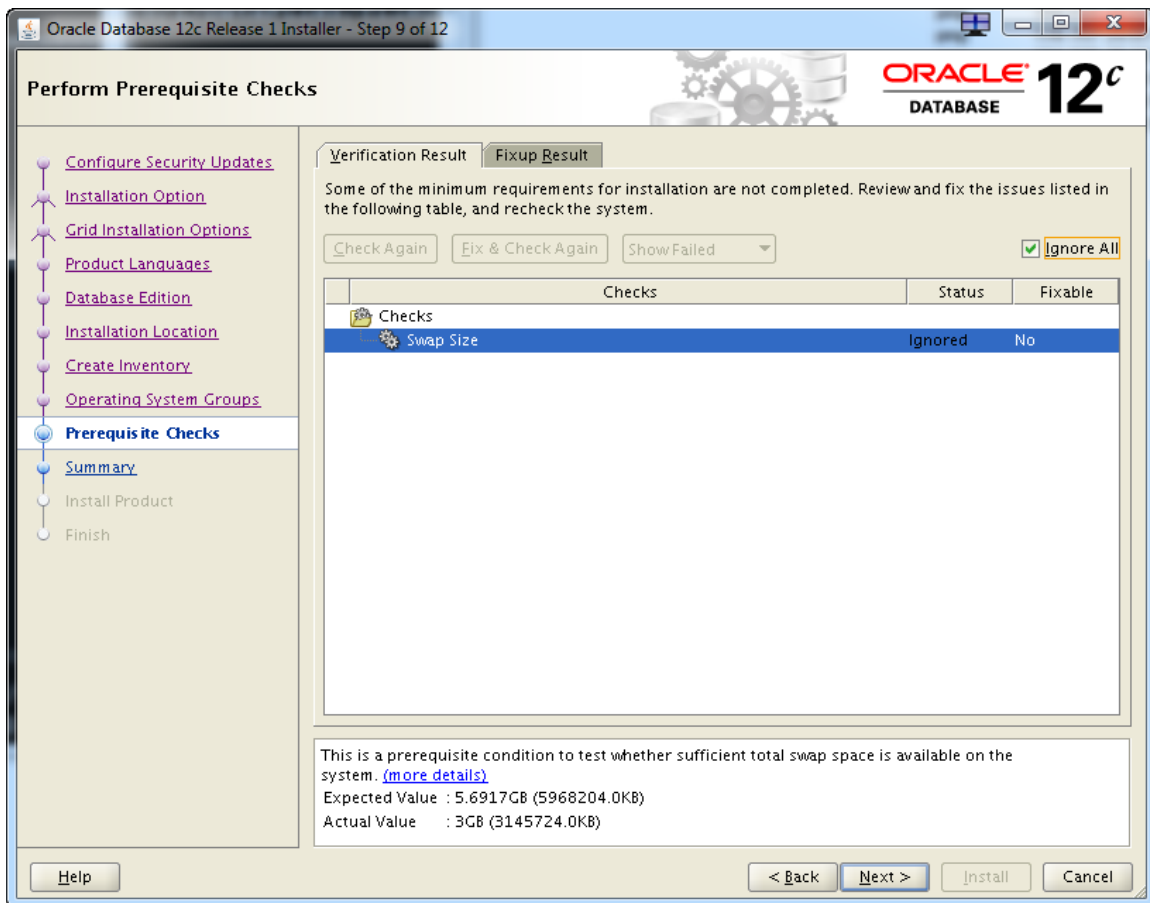


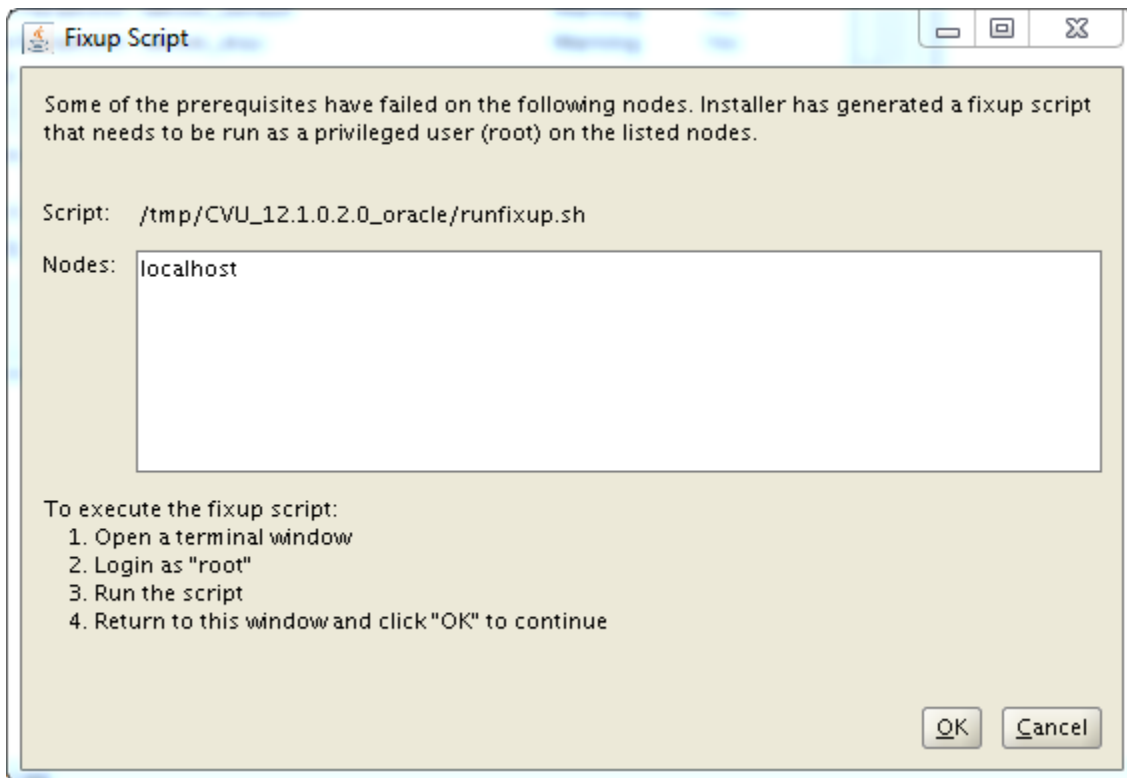


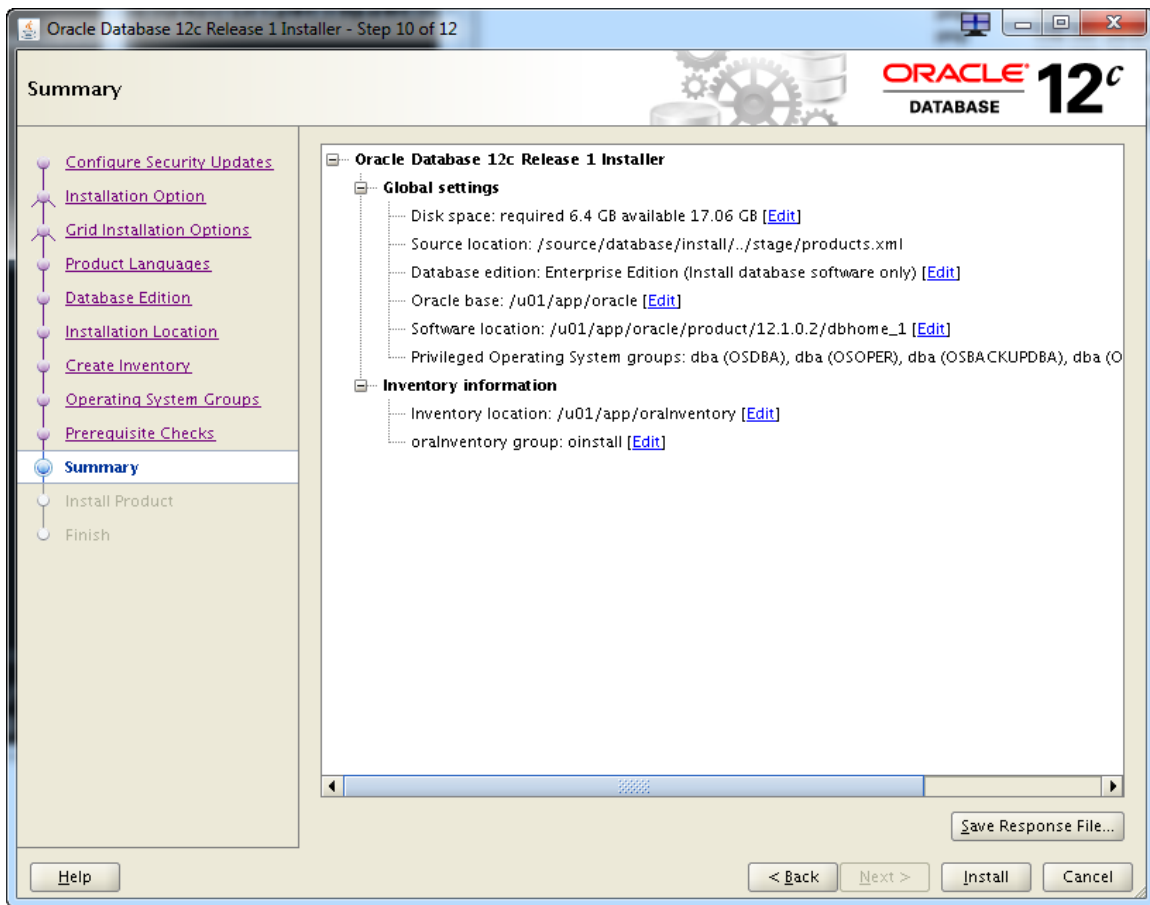


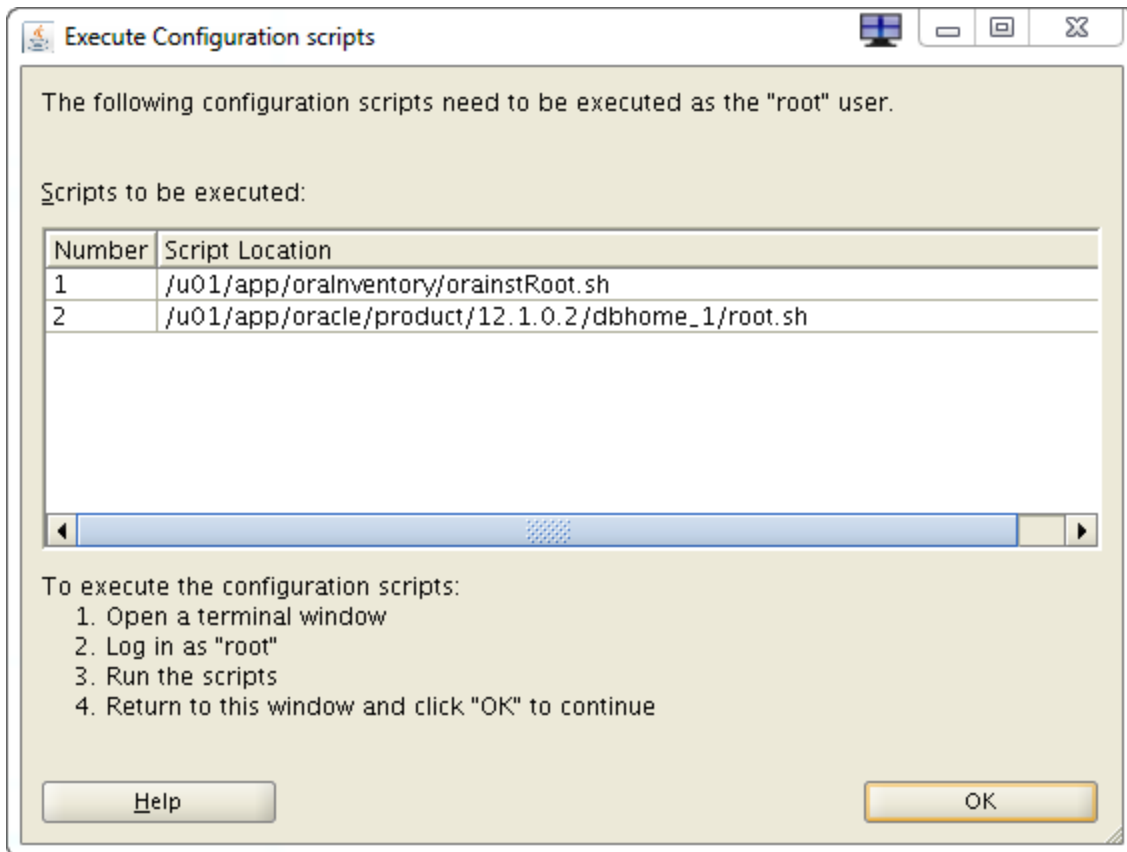


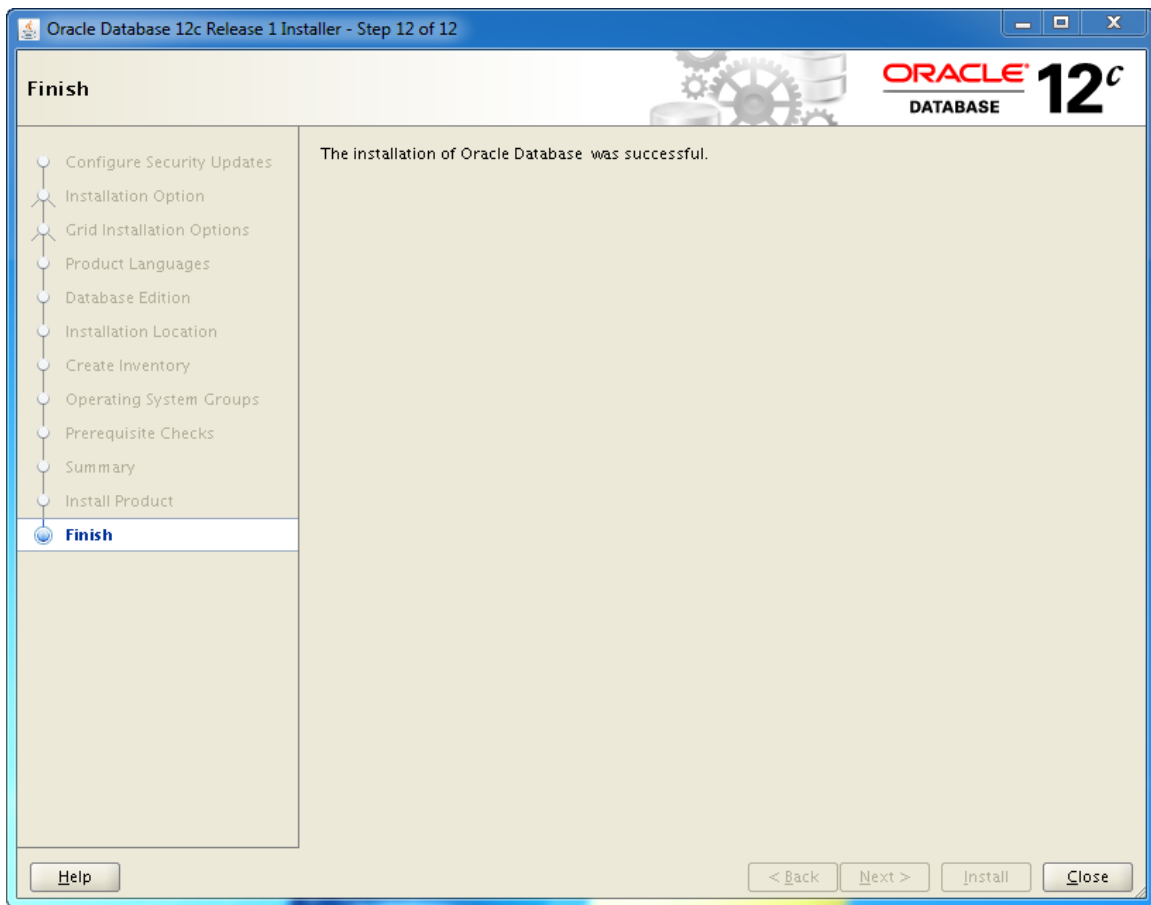




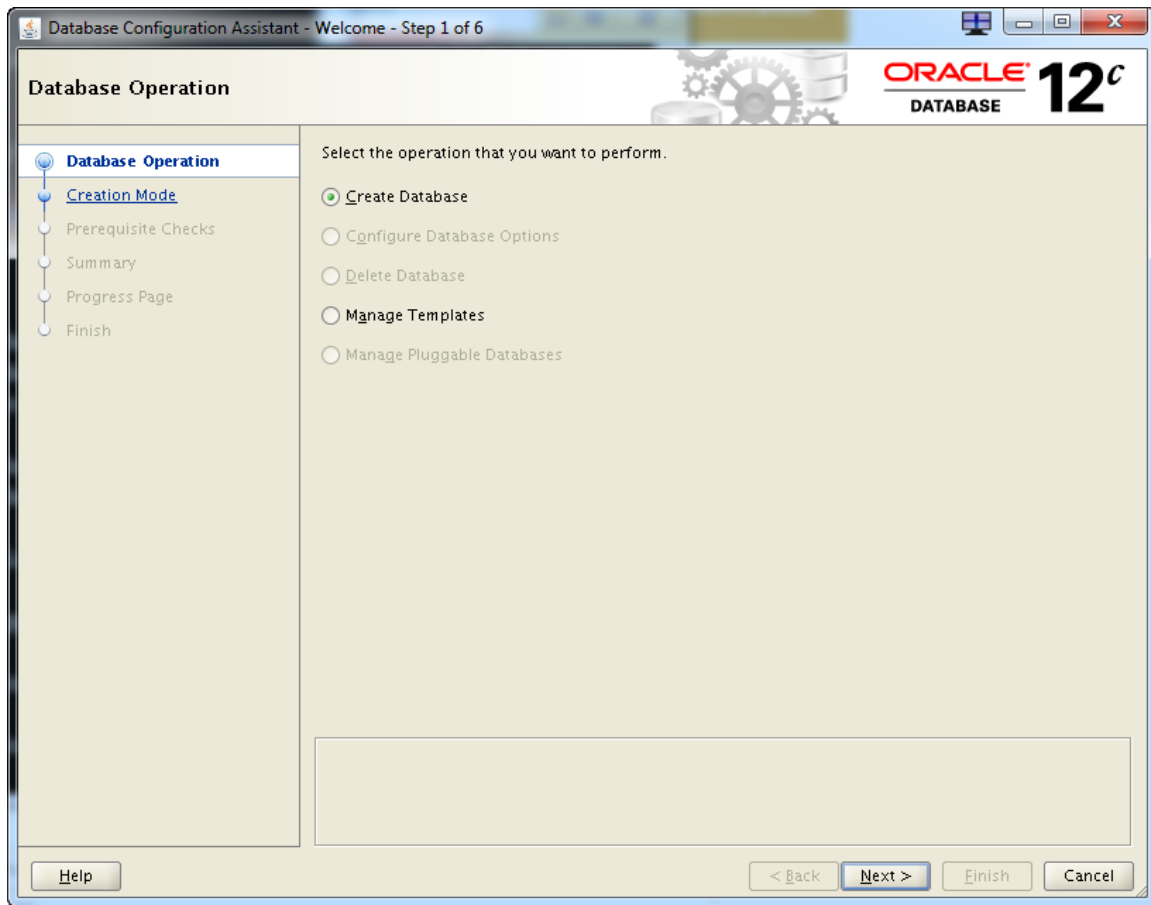








# Instalace databáze DBCA



Database Configuration Assistant - Create Database - Step 2 of 6

**Creation Mode**

[Database Operation](#)  
**[Creation Mode](#)**  
[Prerequisite Checks](#)  
Summary  
Progress Page  
Finish

☒ **Create a database with default configuration**

Global Database Name:

Storage Type:

Database Files Location:

Fast Recovery Area:

Database Character Set:

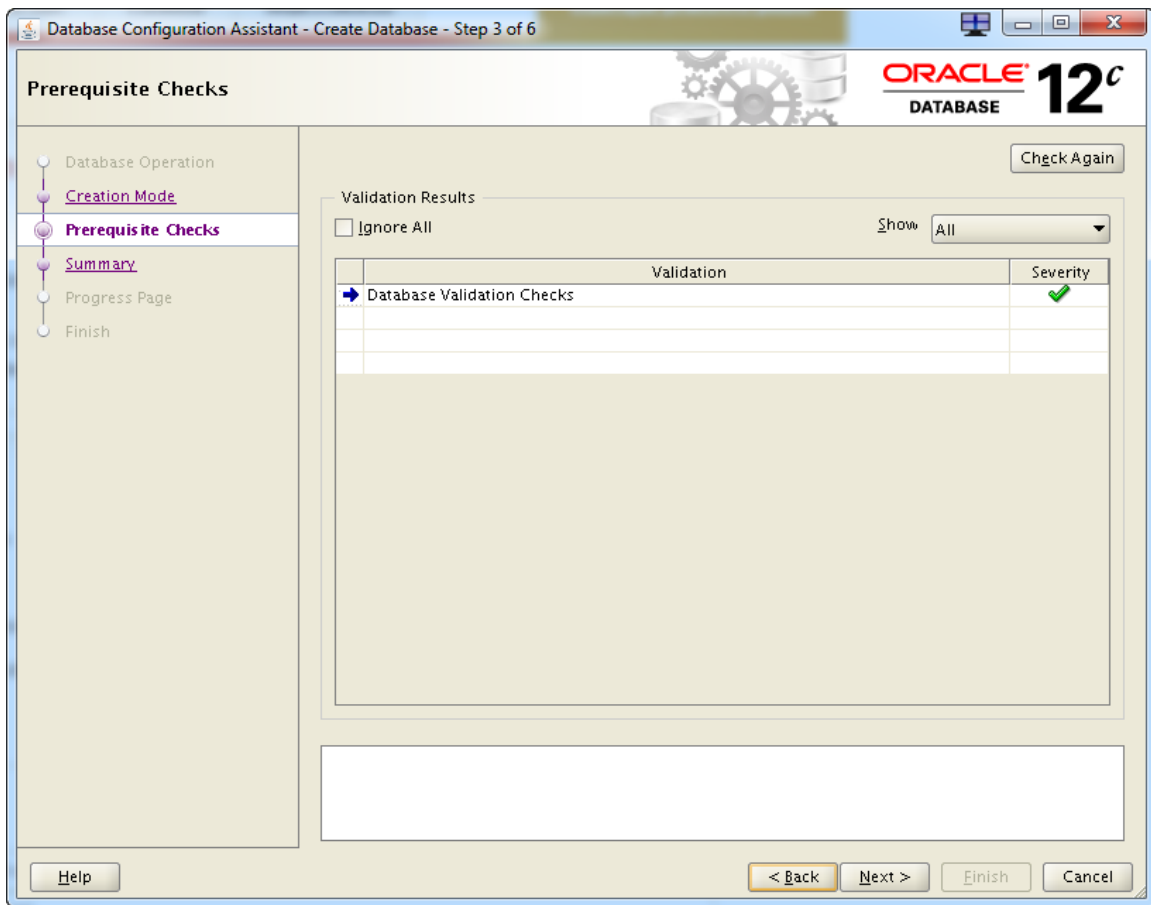
Administrative Password:

Confirm Password:

☐ **Create As Container Database**

Pluggable Database Name:

☐ **Advanced Mode**



Database Configuration Assistant - Create Database - Step 4 of 6

Summary

Database Operation

Creation Mode

Prerequisite Checks

Summary

Progress Page

Finish

Database Configuration Assistant: Summary

Create Database – Summary

Database Configuration Summary

Global Database Name:

orcl12

Database Configuration Type:

Single Instance

SID:

orcl12

Create As Container Database:

No

Storage Type:

File System

Memory Configuration Type:

Automatic Shared Memory Management

Template Name:

General Purpose or Transaction Processing

Database Configuration Details

Database Components

| Component             | Selected |
|-----------------------|----------|
| Oracle JVM            | true     |
| Oracle Text           | true     |
| Oracle Multimedia     | true     |
| Oracle OLAP           | true     |
| Oracle Spatial        | true     |
| Oracle Label Security | true     |
| Sample Schemas        | Selected |

Help

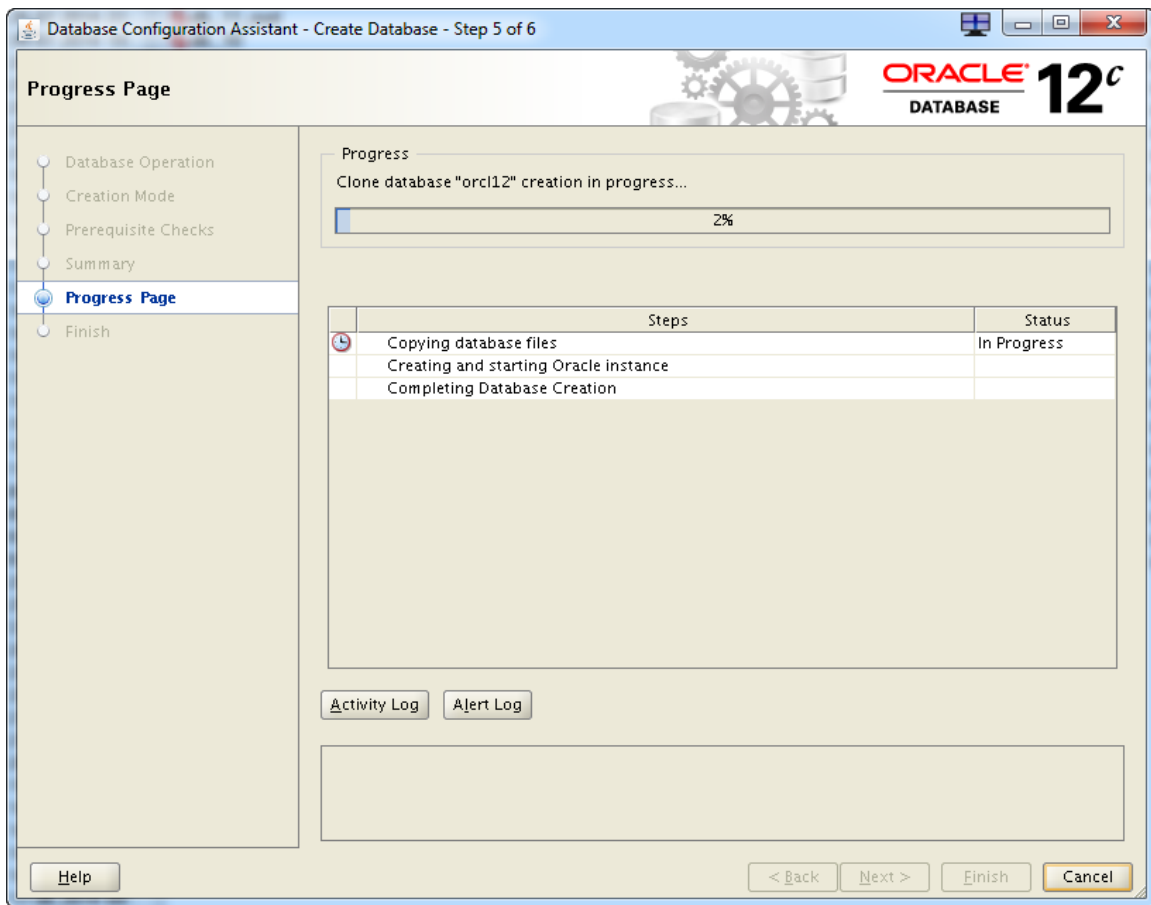
< Back

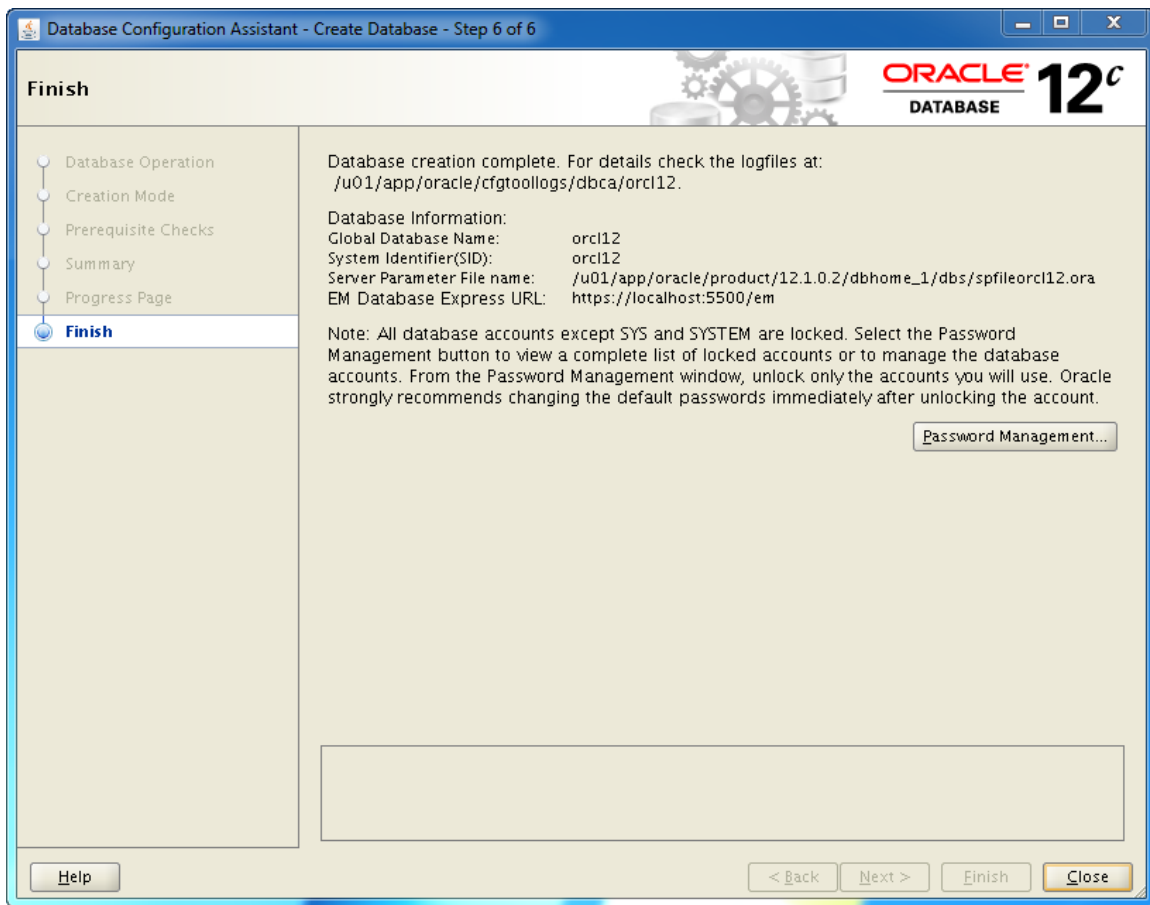
Next >

Finish

Cancel

32 | Page





```
[oracle@localhost database]$ . oraenv
ORACLE_SID = [oracle] ? orcl12
The Oracle base has been set to /u01/app/oracle
[oracle@localhost database]$ sqlplus / as sysdba

SQL*Plus: Release 12.1.0.2.0 Production on Tue Jul 29 16:38:24
2014

Copyright (c) 1982, 2014, Oracle. All rights reserved.

Connected to:
Oracle Database 12c Enterprise Edition Release 12.1.0.2.0 - 64bit
Production
```

With the Partitioning, OLAP, Advanced Analytics and Real  
Application Testing options

SQL>

## **Doporučení:**

### ***Provozujete Vy nebo Vaši klienti databáze Oracle?***

Mou primární oblastí je správa databází, konzultace a školení.

Velmi rád s Vami budu spolupracovat. Kontaktujte me a můžeme si možnostech spolupráce pohovořit.

### ***Dotazy:***

Máte dotazy k daným příkladům nebo máte námět na jiné příklady?

Zajímá vás jiná oblast? Napiště mi na [tom@tomas-solar.com](mailto:tom@tomas-solar.com)

### ***Webináře:***

Na webu [www.tomas-solar.com](http://www.tomas-solar.com) máte k dispozi seznam [webinářů](#), které proběhly nebo se chystají. Věřím, že témata pro Vás budou zajímavá a kdyby přece jen nebyla, napište mě, co Vás zajímá?

### ***Workshopy:***

Chtěli byste se účastit některého z jednodenních [workshopů](#) nebo máte námět na speciální školení? Napiště mi na [tom@tomas-solar.com](mailto:tom@tomas-solar.com)

### ***Jste DBA?***

Zaregistrujte se na komunitním webu <http://database-administrator.com/>

Hledáte další informace? Pak navštivte můj web <http://www.tomas-solar.com/>

Těším se na Vaše dotazy a brzy pošlu další pokračování.

Pěkný den

Tomáš Solař

Solař



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