19ᶜ ORACLE®
Database

Installation and Configuration on Windows

- Setup Software Only

- Create and Configuration Database (DBCA)

- Configuration Option
- **Database Installation Options**
- Install Type
- Oracle Home User
- Installation Location
- Configuration Type
- Database Identifiers
- Configuration Options
- Database Storage
- Management Options
- Recovery Options
- Schema Passwords
- Prerequisite Checks
- Summary
- Install Product
- Finish

Select any of the following install options.

○ Create and configure a single instance database.

This option creates a starter database.

◉ Set Up Software Only

Note 1: For RAC install, do 'Set Up Software Only' and then execute DBCA (Database Configuration Assistant) from the oracle home.
Note 2: To upgrade an Oracle Database, do 'Set Up Software Only' and then execute DBUA (Database Upgrade Assistant) from the oracle home.

Help   < Back   Next >   Install   Cancel

Select Database Installation Option

19c ORACLE Database

- Configuration Option
- **Database Installation Options**
- Install Type
- Oracle Home User
- Installation Location
- Prerequisite Checks
- Summary
- Install Product
- Finish

Select the type of database installation you want to perform.

- ⦿ Single instance database installation
- ◯ Oracle Real Application Clusters database installation

Help   « Back   Next »   Install   Cancel

Select Database Edition

19c ORACLE
Database

Which database edition do you want to install?

○ Enterprise Edition

Oracle Database 19c Enterprise Edition is a self-managing database that has the scalability, performance, high availability, and security features required to run the most demanding, mission-critical applications.

○ Standard Edition 2

Oracle Database 19c Standard Edition 2 is a full-featured data management solution ideally suited to the needs of medium-sized businesses.

Help   « Back   Next »   Install   Cancel

Specify Oracle Home User

For enhanced security, you may choose to run Windows Services from this Oracle home with a non-administrator account. Oracle recommends that you choose a Virtual Account or specify a standard Windows User Account for this purpose.

○ Use Virtual Account

○ Use Existing Windows User

　　User Name: [_____]

　　Password: [_____]

○ Create New Windows User

　　User Name: [_____]

　　Password: [_____]

　　Confirm Password: [_____]

　　The newly created user is denied Windows logon privileges.

◉ Use Windows Built-in Account

Help   « Back   Next »   Install   Cancel

Specify Oracle Home User

19c ORACLE
Database

Configuration Option

Database Installation Options

Database Edition

Oracle Home User

Installation Location

Prerequisite Checks

Summary

Install Product

Finish

For enhanced security, you may choose to run Windows Services from this Oracle home with a non-administrator account. Oracle recommends that you choose a Virtual Account or specify a standard Windows User Account for this purpose.

○ Use Virtual Account

○ Use Existing Windows User

User Name

Password

Oracle Database 19c Installer ✕

⚠ [INS-35810] You have selected to use Built-in Account for installation and configuration of Oracle Home. Oracle recommends that you specify a Windows User Account with limited privilege to install and configure a secure Oracle Home.

Are you sure you want to continue ?

[Yes] [No] [Details]

Help

« Back   Next »   Install   Cancel

Specify Installation Location

19c ORACLE Database

- Configuration Option
- Database Installation Options
- Database Edition
- Oracle Home User
- **Installation Location**
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- Install Product
- Finish

Specify a path to place all Oracle software and configuration-related files installed by this installation owner. This location is the Oracle base directory for the installation owner.

Oracle base: C:\app\ **Kullanıcı**   Browse...

This software directory is the Oracle Database home directory.

Software location: C:\ora19c

Help   « Back   Next   Install   Cancel

Summary

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Database

⊟ **Oracle Database 19c Installer**

　⊟ **Global settings**

　　── Oracle Home User: NT AUTHORITY\SYSTEM [Edit]

　　── Database edition: Enterprise Edition (Set Up Software Only) [Edit]

　　── Oracle base: C:\app\Mehmet [Edit]

　　── Software location: C:\ora19c

　　── OraMTS Port Number: 49152

　⊟ **Inventory information**

　　── Inventory location: C:\Program Files\Oracle\Inventory

Save Response File...

Help   « Back   Next »   Install   Cancel

Install Product

19c ORACLE Database
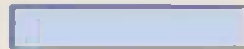
Progress

15%

Saving inventory

Status

Configure Local Node		In Progress
• Prepare		Succeeded
• Setup		In Progress
Setup Oracle Base		Pending

Details   Revert All   Revert   Retry   Skip

19c ORACLE Database

Help   < Back   Next >   Install   Cancel

Finish

The registration of Oracle Database was successful.
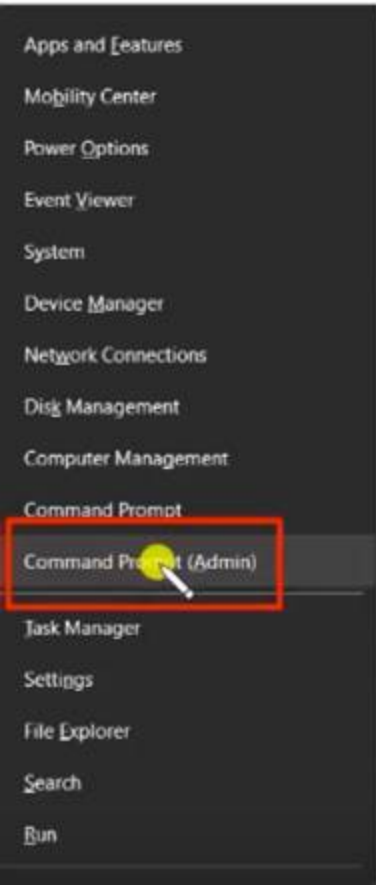
Help

19ᶜ ORACLE® Database

Apps and Features

Mobility Center

Power Options

Event Viewer

System

Device Manager

Network Connections

Disk Management

Computer Management

Command Prompt

Command Prompt (Admin)

Task Manager

Settings

File Explorer

Search

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Installation and Configuration on Windows

- Setup Software Only

- Create and Configuration Database (DBCA)

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Database Operation

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User Credentials

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Finish

Select the operation that you want to perform.

- ● Create a database
- ○ Configure an existing database
- ○ Delete database
- ○ Manage templates
- ○ Manage Pluggable databases
- ○ Oracle RAC database instance management

Help   < Back   Next >   Finish   Cancel

Select Database Creation Mode

19c ORACLE Database

- Database Operation
- Creation Mode
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- Creation Option
- Summary
- Progress Page
- Finish

○ Typical configuration

Global database name   orcl.techsmith.com

Storage type   File System

Database files location   {ORACLE_BASE}\oradata\{DB_UNIQUE_NAME}   Browse

Fast Recovery Area (FRA)   {ORACLE_BASE}\fast_recovery_area\{DB_UNIQUE_NAME}   Browse

Database character set   AL32UTF8 - Unicode UTF-8 Universal character set

Administrative password

Confirm password

☑ Create as Container database

Pluggable database name

⦿ Advanced configuration

Help   < Back   Next >   Finish   Cancel

Select Database Creation Mode

19c **ORACLE**
Database

- Database Operation
- **Creation Mode**
- Deployment Type
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- Fast Recovery Option
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- Configuration Options
- Management Options
- User Credentials
- Creation Option
- Summary
- Progress Page
- Finish

○ Typical configuration

Global database name | orcl.techsmith.com |

Storage type | File System | ▼ |

Database files location | {ORACLE_BASE}\oradata\{DB_UNIQUE_NAME} | Browse |

Fast Recovery Area (FRA) | {ORACLE_BASE}\fast_recovery_area\{DB_UNIQUE_NAME} | Browse |

Database character set | AL32UTF8 - Unicode UTF-8 Universal character set | ▼ |

Administrative password | |

Confirm password | |

☑ Create as Container database

Pluggable database name | |

◉ Advanced configuration

Select Database Creation Mode

19c ORACLE
Database

- Database Operation
- **Creation Mode**
- Deployment Type
- Database Identification
- Storage Option
- Fast Recovery Option
- Database Options
- Configuration Options
- Management Options
- User Credentials
- Creation Option
- Summary
- Progress Page
- Finish

○ Typical configuration

Global database name   orcl.techsmith.com

Storage type   File System   ▼

Database files location   {ORACLE_BASE}\oradata\{DB_UNIQUE_NAME}   Browse

Fast Recovery Area (FRA):   {ORACLE_BASE}\fast_recovery_area\{DB_UNIQUE_NAME}   Browse

Database character set   AL32UTF8 - Unicode UTF-8 Universal character set   ▼

Administrative password

Confirm password

☑ Create as Container database

   Pluggable database name

⦿ Advanced configuration

Help   < Back   Next >   Finish   Cancel

Select Database Deployment Type

19c ORACLE Database

Select the type of database you want to create.

Database type: Oracle Single Instance database

Configuration type:

Select a template for your database.

Templates that include datafiles contain pre-created databases. They allow you to create a new database quickly. Use templates without datafiles only when necessary, such as when you need to change attributes like block size that cannot be altered after database creation.

Template name	Include datafiles	Details
Data Warehouse	Yes	View details
General Purpose	Yes	View details
Custom Database	No	View details

Loading selected Template...

Template location: C:\ora19c\assistants\dbca\templates   Change

19c ORACLE
Database

Select Database Deployment Type

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- **Deployment Type**
- **Database Identification**
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- User Credentials
- Creation Option
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Select the type of database you want to create.

Database type: [Oracle Single Instance database ▼]

Configuration type: [Admin Managed ▼]

Select a template for your database.

Templates that include datafiles contain pre-created databases. They allow you to create a new database quickly. Use templates without datafiles only when necessary, such as when you need to change attributes like block size that cannot be altered after database creation.

Template name	Include datafiles	Details
○ Data Warehouse	Yes	View details
⦿ General Purpose or Transaction Processing	Yes	View details
○ Custom Database	No	View details

Template location: C:\ora19c\assistants\dbca\templates

[Change...]

Specify Database Identification Details

19c ORACLE
Database

Provide a unique database identifier information. An Oracle database is uniquely identified by a Global database name, typically of the form "name.domain".

- Database Operation
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Global database name: TEST.abc.com

SID: TEST

Service name:

Asagisini secmeyelim

☐ Create as Container database

A Container database can be used for consolidating multiple databases into a single database, and it enables database virtualization. A Container database (CDB) can have zero or more pluggable databases (PDB).

☐ Use Local Undo tablespace for PDBs

○ Create an empty Container database

◉ Create a Container database with one or more PDBs

Number of PDBs: 1

PDB name: pdb

Help   < Back   Next >   Finish   Cancel

Select Database Storage Option

19c ORACLE Database

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○ Use template file for database storage attributes

Storage type and location for database files will be picked up from the specified template (General Purpose or Transaction Processing).

◉ Use following for the database storage attributes

All the database files will be put at the specified location below. You can customize the name and location of each datafile in the subsequent screen.

Database files storage type: | File System   ▼ |

Database files location: | {ORACLE_BASE}\oradata\{DB_UNIQUE_NAME} | Browse...

Oracle Managed files option will enable Oracle to automatically generate the names of the datafiles for simplified database management.

☐ Use Oracle-Managed Files (OMF)   Multiplex redo logs and control files...

File location variables...

Select Database Storage Option

19c ORACLE Database

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◉ Use following for the database storage attributes

All the database files will be put at the specified location below. You can customize the name and location of each datafile in the subsequent screen.

Database files storage type: | File System | ▼ |

Database files location: | {ORACLE_BASE}\oradata\{DB_UNIQUE_NAME} | | Browse... |

Oracle Managed files option will enable Oracle to automatically generate the names of the datafiles for simplified database management.

☐ Use Oracle-Managed Files (OMF) | Multiplex redo logs and control files... |

| File location variables... |

Select Fast Recovery Option

19c ORACLE Database

Choose the recovery options for the database.

☑ Specify Fast Recovery Area

Recovery files storage type: | File System | ▼

Fast Recovery Area: | {ORACLE_BASE}\fast_recovery_area\{DB_UNIQUE_NAME} | Browse...

Fast Recovery Area size | 8256 ⬍ | MB ▼

☐ Enable archiving

Storage Option
Fast Recovery Option
Network Configuration

⟳ Checking for minimum FRA size required

Select Fast Recovery Option

19 **c** **ORACLE**
Database

Choose the recovery options for the database.

☑ Specify Fast Recovery Area

Recovery files storage type: | File System ▼

Fast Recovery Area: | {ORACLE_BASE}\fast_recovery_area\{DB_UNIQUE_NAME} | Browse...

Fast Recovery Area size | 8256 ⇅ | MB ▼

☐ Enable archiving | Edit archive mode parameters...

Database Operation

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Specify Network Configuration Details

19^c **ORACLE**
Database

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Listener selection

Listeners from current Oracle home are listed below. Specify the listener name and port to create a new listener in current Oracle home.

	Name	Port	Oracle home	Status

☑ Create a new listener

Listener name: TEST

Listener port: 1521

Oracle home: C:\ora19c

Select Oracle Data Vault Config Option

19c ORACLE Database

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- **Data Vault Option**
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☐ Configure Oracle Database Vault

Database Vault owner: [   ]

Password: [   ]   Confirm password [   ]

☐ Create a separate account manager

Account manager: [   ]

Password: [   ]   Confirm password [   ]

☐ Configure Oracle Label Security

☐ Configure Oracle Label Security with OID

Specify Configuration Options

19^c ORACLE Database

Memory	Sizing	Character sets	Connection mode	Sample schemas

● **Use Automatic Shared Memory Management**

SGA size: `2417` MB ▾   390   3223

PGA Size: `806` MB ▾

○ **Use Manual Shared Memory Management**

Shared pool size   `0` MB ▾

Buffer cache size   `0` MB ▾

Java pool size   `0` MB ▾

Large pool size   `0` MB ▾

PGA size   `0` MB ▾

Total memory for database 0 MB

○ **Use Automatic Memory Management**

Memory target   `3223` MB   390   3223   8059   39%
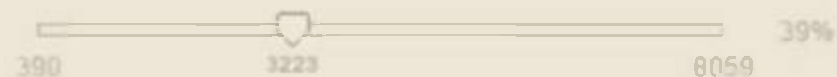
Specify Configuration Options

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Finish

| Memory | Sizing | Character sets | Connection mode | Sample schemas |

A block is the smallest unit of storage for allocation and for I/O. It cannot be changed once the database is created.

Block size: 8192 ▼ BYTES

Specify the maximum number of operating system user processes that can be simultaneously connected to this database. The value of this parameter includes the user processes and the Oracle background processes.

Processes: 640 ⬍

Specify Configuration Options

| Memory | Sizing | Character sets | Connection mode | Sample schemas |

The database character set determines how character data is stored in the database.

○ Use Unicode (AL32UTF8)

　Setting character set to Unicode (AL32UTF8) enables you to store multiple language groups.

○ Use OS character set (WE8MSWIN1252)

　Character set is based on the language setting of this operating system.

● Choose from the list of character sets

　Database character set: `AL32UTF8 - Unicode UTF-8 Universal character set` ▼

NE8ISO8859P10 - ISO 8859-10 North European
NEE8ISO8859P4 - ISO 8859-4 North and North-East European
TH8TISASCII - Thai Industrial Standard 620-2533 - ASCII 8-bit
TR8MSWIN1254 - MS Windows Code Page 1254 8-bit Turkish
VN8MSWIN1258 - MS Windows Code Page 1258 8-bit Vietnamese
WE8ISO8859P15 - ISO 8859-15 West European
WE8ISO8859P9 - ISO 8859-9 West European & Turkish
WE8MSWIN1252 - MS Windows Code Page 1252 8-bit West European

National character set: `AL16...`

Default language: `Amer...`

Default territory: `Unite...`

Left sidebar navigation:
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Specify Configuration Options

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| Memory | Sizing | Character sets | Connection mode | Sample schemas |

The database character set determines how character data is stored in the database.

○ Use Unicode (AL32UTF8)

Setting character set to Unicode (AL32UTF8) enables you to store multiple language groups.

○ Use OS character set (WE8MSWIN1252)

Character set is based on the language setting of this operating system.

◉ Choose from the list of character sets

Database character set: WE8ISO8859P9 - ISO 8859-9 West European & Turkish

☑ Show recommended character sets only

National character set: AL16UTF16 - Unicode UTF-16 Universal character set

Default language: Turkish

Default territory: United States

Specify Configuration Options

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| Memory | Sizing | Character sets | Connection mode | Sample schemas |

The database character set determines how character data is stored in the database.

○ Use Unicode (AL32UTF8)

Setting character set to Unicode (AL32UTF8) enables you to store multiple language groups.

○ Use OS character set (WE8MSWIN1252)

Character set is based on the language setting of this operating system.

● Choose from the list of character sets

Database character set: WE8ISO8859P9 - ISO 8859-9 West European & Turkish

☑ Show recommended character sets only

National character set: AL16UTF16 - Unicode UTF-16 Universal character set

Default language: Turkish

Default territory: Turkey

Specify Configuration Options

19c ORACLE Database

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| Memory | Sizing | Character sets | Connection mode | Sample schemas |

○ **Dedicated server mode**

The database will allocate a dedicated resource for each client connection in this mode. Use this mode when the number of total client connections is expected to be small or when clients will be making persistent, long-running requests to the database.

○ Shared server mode

The database will use a shared pool of allocated resources for all client connections in this mode. Use this mode when a large number of users need to connect to the database simultaneously while efficiently utilizing system resources.

Specify the number of Shared Servers, which will be the number of processes that will be created when the instance is started.

Shared server: [1 ⇕]

Help   < Back   Next >   Finish   Cancel

Specify Configuration Options

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| Memory | Sizing | Character sets | Connection mode | Sample schemas |

Installing sample schema configures the Human Resources schema. The contents are stored under the SYSAUX tablespace.

☐ Add sample schemas to the database

Specify Configuration Options

19c **ORACLE**
Database

Memory	Sizing	Character sets	Connection mode	Sample schemas

Installing sample schema configures the Human Resources schema. The contents are stored under the SYSAUX tablespace.

☐ Add sample schemas to the database

Specify Management Options

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Specify the management options for the database.

☑ Configure Enterprise Manager (EM) database express

EM database express port: 5500

☐ Register with Enterprise Manager (EM) cloud control

OMS host

OMS port

EM admin username

EM admin password

Specify Database User Credentials

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Finish

You must specify passwords for the following user accounts in the new database for security reasons.

○ Use different administrative passwords

	Password	Confirm password
SYS		
SYSTEM		

⦿ Use the same administrative password for all accounts

Password: ●●●   Confirm password: ●●●

Messages:

⚠ Password: [DBT-06208] The 'ADMIN' password entered does not conform to the Oracle recommended standards.

Specify Database User Credentials

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You must specify passwords for the following user accounts in the new database for security reasons.

○ Use different administrative passwords

	Password	Confirm password
SYS		
SYSTEM		

⦿ Use the same administrative password for all accounts

Database Configuration Assistant   ✕

⚠ [DBT-06208] The 'Admin' password entered does not conform to the Oracle recommended standards.

Are you sure you want to continue ?

[Yes]   [No]   [Details]

Messages:

⚠Password: [DBT-06208] The 'ADMIN' password entered does not conform to the Oracle recommended standards.

Specify Database User Credentials

19c ORACLE Database

You must specify passwords for the following user accounts in the new database for security reasons.

○ Use different administrative passwords

	Password	Confirm password
SYS		
SYSTEM		

● Use the same administrative password for all accounts

Password: ●●●   Confirm password: ●●●

Updating redo log groups

Are you sure you want to continue ?

Messages

⚠ Password: [DBT-06208] The 'ADMIN' password entered does not conform to the Oracle recommended standards.

Select Database Creation Option

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Select the database creation options.

☑ Create database

Specify the SQL scripts you want to run after the database is created. The scripts are run in the order listed below.

Post DB creation scripts: [   ] Browse...

☐ Save as a database template

Template name: dbca_template_2022-01-02_03-46-07AM

Template location: C:\ora19c\assistants\dbca\templates\ Browse...

Description: [   ]

☐ Generate database creation scripts

Destination directory: {ORACLE_BASE}\admin\{DB_UNIQUE_NAME}\scripts Browse...

Following advanced configuration options can be used to configure initialization parameters and customize database storage locations.

[All Initialization Parameters...]   [Customize Storage Locations...]

Summary

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Global Settings
- Global database name: TEST.mehmetcelebi.com
- Configuration type: Oracle Single Instance database
- SID: TEST
- Create as Container database: No
- Database Files Storage Type: File System
- Memory Configuration Type: Automatic Shared Memory Management
- Template name: General Purpose

Initialization Parameters
- audit_file_dest: {ORACLE_BASE}\admin\{DB_UNIQUE_NAME}\adump
- audit_trail: db
- compatible: 19.0.0
- control_files: ("{ORACLE_BASE}\oradata\{DB_UNIQUE_NAME}\control01.ctl", "{ORACLE_BASE}\fast_recovery_area\{DB_U
- db_block_size: 8192 BYTES
- db_domain: mehmetcelebi.com
- db_name: TEST
- db_recovery_file_dest: {ORACLE_BASE}\fast_recovery_area\{DB_UNIQUE_NAME}
- db_recovery_file_dest_size: 8256 MB
- diagnostic_dest: {ORACLE_BASE}
- dispatchers: (PROTOCOL=TCP) (SERVICE=TESTXDB)
- nls_language: TURKISH
- nls_territory: TURKEY
- open_cursors: 300
- pga_aggregate_target: 806 MB
- processes: 640

Save Response File...

19c ORACLE Database

Summary

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Global Settings
- Global database name: TEST.mehmetcelebi.com
- Configuration type: Oracle Single Instance database
- SID: TEST
- Create as Container database: No
- Database Files Storage Type: File System
- Memory Configuration Type: Automatic Shared Memory Management
- Template name: General Purpose

Initialization Parameters
- audit_file_dest: {ORACLE_BASE}\admin\{DB_UNIQUE_NAME}\adump
- audit_trail: db
- compatible: 19.0.0
- control_files: ("{ORACLE_BASE}\oradata\{DB_UNIQUE_NAME}\control01.ctl", "{ORACLE_BASE}\fast_recovery_area\{DB_U
- db_block_size: 8192 BYTES
- db_domain: mehmetcelebi.com
- db_name: TEST
- db_recovery_file_dest: {ORACLE_BASE}\fast_recovery_area\{DB_UNIQUE_NAME}
- db_recovery_file_dest_size: 8256 MB
- diagnostic_dest: {ORACLE_BASE}
- dispatchers: (PROTOCOL=TCP) (SERVICE=TESTXDB)
- nls_language: TURKISH
- nls_territory: TURKEY
- open_cursors: 300
- pga_aggregate_target: 806 MB
- processes: 640

Save Response File...

Finish

19c ORACLE
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- **Finish**

Database creation complete. For details check the logfiles at:
 C:\app\Mehmet\cfgtoollogs\dbca\TEST.

Database Information:
Global Database Name: TEST.alitopacik.com
System Identifier(SID):   TEST
Server Parameter File name: C:\ORA19C\DATABASE\SPFILETEST.ORA
EM Database Express URL: https://www.techsmith.com:5500/em

Note: All database accounts except SYS and SYSTEM are locked. Select the Password Management button to view a complete list of locked accounts or to manage the database accounts. From the Password Management window, unlock only the accounts you will use. Oracle strongly recommends changing the default passwords immediately after unlocking the account.

hr icin kilidi kaldıralım ===> Password Management...

Oracle Database Connection Tools

- Toad
- PL/SQL Developer
- SqlCl
- Sqlplus
- SQL Developer

SQL Developer 21.4.1 Downloads

Version 21.4.1.349.1822 - December 15, 2021

- Release Notes
- Bugs Fixed
- Documentation

Platform	Download	Notes
Windows 64-bit with JDK 8 included	Download (435 MB)	• MD5: 7f390a513b6012d51d6d630e36123706 • SHA1: 9ab8cd8166dd3130681395176c60c8c1385cb497 • Installation Notes
Windows 32-bit/64-bit	Download (447 MB)	• MD5: d3258722b0097c1333c1c5ecbce30f77 • SHA1: 7adad1dc495c454b169e6ac196bfaf7d7aee55dc • Installation Notes • JDK 8 or 11 required

Name	Date modified	Type	Size
∨ Today (1)			
sqldeveloper-21 4 1.349.1822-x64 zip	1/2/2022 11:36 PM	WinRAR ZIP archive	446.462 KB

Name
∨ Today (1)
📋 sqldeveloper-21.4.1.349.1822-x64.zip

Extraction path and options ? ✕

General | Advanced | Options

Destination path (will be created if does not exist)   [Display]

C:\ ▾   [New folder]

C:\aa
C:\app
C:\BIOS
C:\Intel
C:\KLAVUZ
C:\ora19c
C:\OZEL
C:\PerfLogs
C:\PL_SQL_DERSLER
C:\Program Files
C:\Program Files (x86)
C:\setup_files
C:\SIRKET
C:\SQL_DERSLER2
C:\TABLES
C:\Users

- 💾 Local Disk (C:)
  - $WinREAgent
  - aa
  - app
  - BIOS
  - Camtas_setup
  - Intel
  - KLAVUZ
  - ora19c
  - OZEL
  - PDF_ANNOTATOR
  - PerfLogs
  - PL_SQL_DERSLER
  - Program Files
  - Program Files (x86)
  - ProgramData
  - setup_files
  - SIRKET

[OK]   [Cancel]   [Help]

Today (1)

sqldeveloper-21.4.1.349.1822-x64.zip   1/2/2022 11:36 PM   WinRAR ZIP archive   446.462 KB

Extraction path and options   ?   X

General   Advanced   Options

Destination path (will be created if does not exist)   Display

C:\   New folder

| C:\aa |
| C:\app |
| C:\BIOS |
| C:\Intel |
| C:\KLAVUZ |
| C:\ora19c |
| C:\OZEL |
| C:\PerfLogs |
| C:\PL_SQL_DERSLER |
| C:\Program Files |
| C:\Program Files (x86) |
| C:\setup_files |
| C:\SIRKET |
| C:\SQL_DERSLER2 |
| C:\TABLES |
| C:\Users |

Local Disk (C:)
- $WinREAgent
- aa
- app
- BIOS
- Camtas_setup
- Intel
- KLAVUZ
- ora19c
- OZEL
- PDF_ANNOTATOR
- PerfLogs
- PL_SQL_DERSLER
- Program Files
- Program Files (x86)
- ProgramData
- setup_files
- SIRKET

OK   Cancel   Help

Name	Date modified	Type	Size
configuration	1/2/2022 11:37 PM	File folder	
dataminer	1/2/2022 11:37 PM	File folder	
dropins	1/2/2022 11:37 PM	File folder	
equinox	1/2/2022 11:37 PM	File folder	
external	1/2/2022 11:37 PM	File folder	
ide	1/2/2022 11:37 PM	File folder	
javavm	1/2/2022 11:37 PM	File folder	
jdbc	1/2/2022 11:37 PM	File folder	
jdev	1/2/2022 11:37 PM	File folder	
jdk	1/2/2022 11:37 PM	File folder	
jlib	1/2/2022 11:37 PM	File folder	
jviews	1/2/2022 11:37 PM	File folder	
modules	1/2/2022 11:37 PM	File folder	
netbeans	1/2/2022 11:37 PM	File folder	
orakafka	1/2/2022 11:37 PM	File folder	
rdbms	1/2/2022 11:37 PM	File folder	
sleepycat	1/2/2022 11:37 PM	File folder	
sqldeveloper	1/2/2022 11:37 PM	File folder	
sqlj	1/2/2022 11:37 PM	File folder	
svnkit	1/2/2022 11:37 PM	File folder	
icon.png	12/15/2021 6:22 PM	PNG File	2 KB
sqldeveloper.exe	12/15/2021 7:03 PM	Application	90 KB
sqldeveloper.sh	12/15/2021 6:22 PM	SH File	1 KB

Name	Date modified	Type	Size
configuration	1/2/2022 11:37 PM	File folder	
dataminer	1/2/2022 11:37 PM	File folder	
dropins	1/2/2022 11:37 PM	File folder	
equinox	1/2/2022 11:37 PM	File folder	
external	1/2/2022 11:37 PM	File folder	
ide	1/2/2022 11:37 PM	File folder	
javavm	1/2/2022 11:37 PM	File folder	
jdbc	1/2/2022 11:37 PM	File folder	
jdev	1/2/2022 11:37 PM	File folder	
jdk	1/2/2022 11:37 P		
jlib	1/2/2022 11:37 P		
jviews	1/2/2022 11:37 P		
modules	1/2/2022 11:37 P		
netbeans	1/2/2022 11:37 P		
orakafka	1/2/2022 11:37 P		
rdbms	1/2/2022 11:37 P		
sleepycat	1/2/2022 11:37 P		
sqldeveloper	1/2/2022 11:37 P		
sqlj	1/2/2022 11:37 P		
svnkit	1/2/2022 11:37 P		
icon.png	12/15/2021 6:22 PM	PNG File	2 KB
sqldeveloper.exe	12/15/2021 7:03 PM	Application	90 KB
sqldeveloper.sh	12/15/2021 6:22 PM	SH File	1 KB

ORACLE
SQL DEVELOPER

Registering Extensions

oracle.sql.developer.cloud.migrations

Version 21.4.1

Name	Date modified
configuration	1/2/2022 11:37 PM
dataminer	1/2/2022 11:37 PM
dropins	1/2/2022 11:37 PM
equinox	1/2/2022 11:37 PM
external	1/2/2022 11:37 PM
ide	1/2/2022 11:37 PM
javavm	1/2/2022 11:37 PM
jdbc	1/2/2022 11:37 PM
jdev	1/2/2022 11:37 PM
jdk	1/2/2022 11:37 PM
jlib	1/2/2022 11:37 PM
jviews	1/2/2022 11:37 PM
modules	1/2/2022 11:37 PM
netbeans	1/2/2022 11:37 PM
orakafka	1/2/2022 11:37 PM
rdbms	1/2/2022 11:37 PM
sleepycat	1/2/2022 11:37 PM
sqldeveloper	1/2/2022 11:37 PM
sqlj	1/2/2022 11:37 PM
svnkit	1/2/2022 11:37 PM
icon.png	12/15/2021 6:22 PM
sqldeveloper.exe	12/15/2021 7:03 PM
sqldeveloper.sh	12/15/2021 6:22 PM

Type	Size
File folder	
File folder	
File folder	
File folder	
File folder	
File folder	
File folder	
File folder	
File folder	
File folder	
File folder	

Confirm Import Preferences ×

⚠️ Would you like to import preferences from a previous SQL Developer installation?

Click Yes to copy preferences from version 21.2.1.204.1703 to the current installation (21.4.1.349.182

[Show All Installations >>]

[Yes] [No]
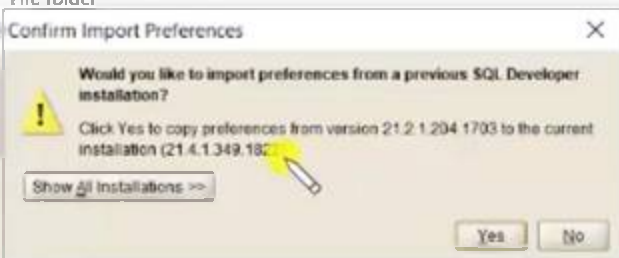
Type	Size
File folder	
File folder	
PNG File	2 KB
Application	90 KB
SH File	1 KB

File   Edit   View   Navigate   Run   Team   Tools   Window   Help

Connections ×

Oracle Connections
Database Schema Se

Reports ×

All Reports
Analytic View Repo
Data Dictionary Re
Data Modeler Repo
OLAP Reports
TimesTen Reports
User Defined Repo

ORACLE
SQL Developer

Version: 21.4.1.349.1822

Database Connection

Recent   **Databases Detected**

Click to add the connection
C:\ora19c\network\admin
No TNS entries found in {USER Home dir=C:\Users\Mehmet, ORACLE_HOME=C:\ora19c\network\admin}
Actual=C:\ora19c\network\admin}

Create a Connection Manually

Getting Started

Get a Database   Information   Tutorials   Demos   Training

Oracle VirtualBox Appliance

Docker Images

Oracle Database XE

Resources

Community   Extensions

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Team Blogs and Magazine Articles
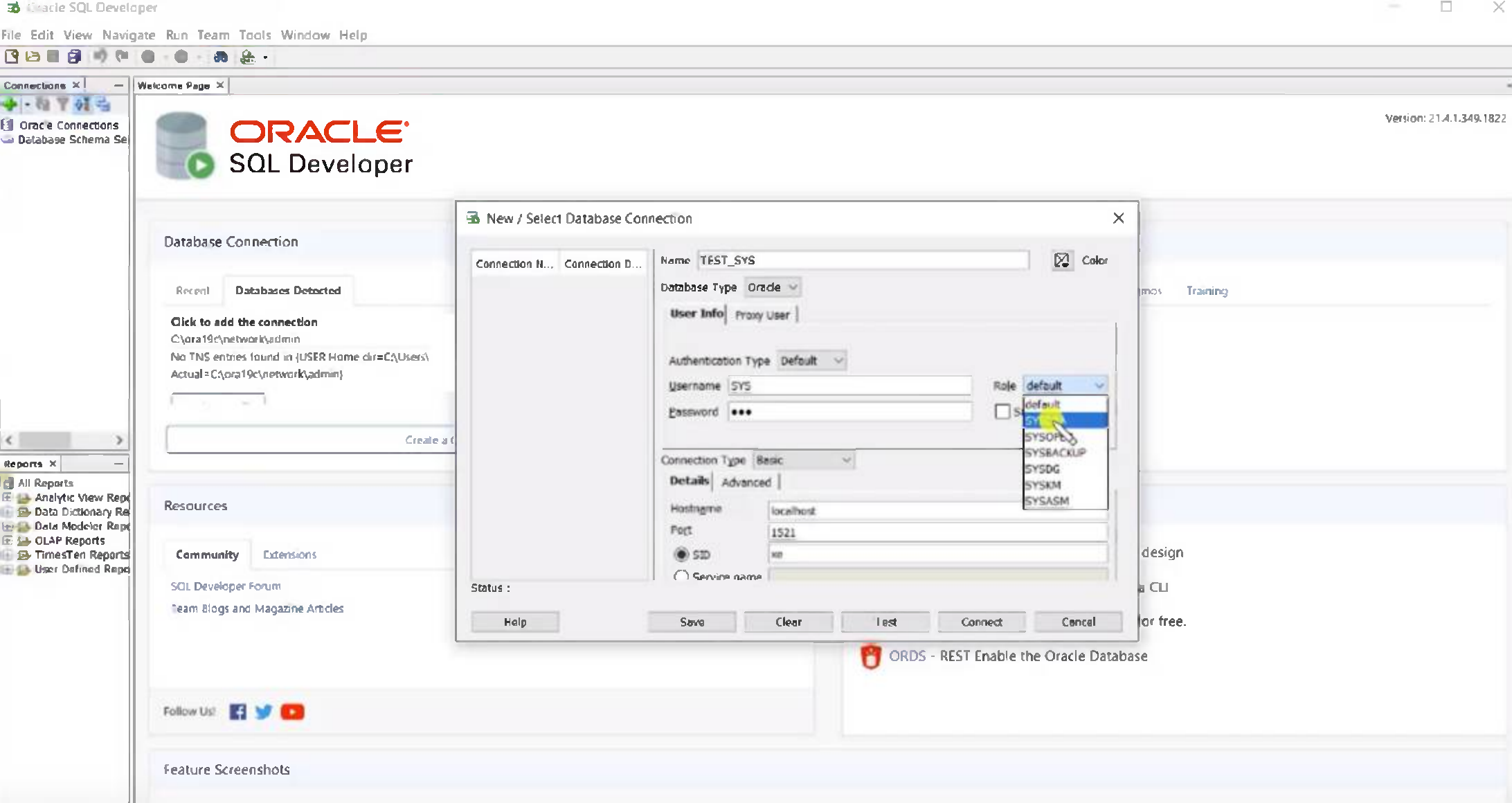
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Related Tools

Modeler - Data modeling and database design

SQLcl - The power of SQL Developer in a CLI

Oracle Live SQL - Learn and share SQL, for free.

ORDS - REST Enable the Oracle Database

Feature Screenshots

Oracle SQL Developer

File   Edit   View   Navigate   Run   Team   Tools   Window   Help

Connections ×

Oracle Connections
Database Schema Se

Welcome Page ×

ORACLE
SQL Developer

Version: 21.4.1.349.1822

Database Connection

Recent   Databases Detected

Click to add the connection
C:\ora19c\network\admin
No TNS entries found in {USER Home dir=C:\Users\
Actual=C:\ora19c\network\admin}

Create a C

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Analytic View Rep
Data Dictionary Re
Data Modeler Rep
OLAP Reports
TimesTen Reports
User Defined Repo

New / Select Database Connection

Connection N...	Connection D...

Name   TEST_SYS   Color

Database Type Oracle ⌄

User Info | Proxy User |

Authentication Type Default ⌄

Username SYS   Role default ⌄
                                              default
Password •••   ☐ S   SYS
                                              SYSOPER
                                              SYSBACKUP
Connection Type Basic ⌄   SYSDG
                                              SYSKM
Details | Advanced | SYSASM

Hostname   localhost
Port   1521
◉ SID   xe
◯ Service name

Status :

Help   Save   Clear   Test   Connect   Cancel

design

a CLI

or free.

ORDS - REST Enable the Oracle Database

Oracle SQL Developer

File   Edit   View   Navigate   Run   Team   Tools   Window   Help

Connections

- Oracle Connections
- Database Schema Se

Welcome Page

ORACLE
SQL Developer

Database Connection

Recent   **Databases Detected**

Click to add the connection
C:\ora19c\network\admin
No TNS entries found in (USER Home dir=C:\Users)
Actual = C:\ora19c\network\admin)

Create a C

Resources

Community   Extensions

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New / Select Database Connection

Connection N...	Connection D...

Name   TEST_SYS   [☒] Color

Database Type   Oracle ∨

User Info   Proxy User

Authentication Type   Default ∨

Username   SYS   Role   SYSDBA ∨

Password   •••   I   ☐ Save Password

Connection Type   Basic ∨

Details   Advanced

Hostname   localhost

Port   1521

⦿ SID   TEST

○ Service name   TEST

Status : Success

Help   Save   Clear   Test   Connect   Cancel

Reports

- All Reports
- Analytic View Repo
- Data Dictionary Re
- Data Modeler Repo
- OLAP Reports
- TimesTen Reports
- User Defined Repo

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ORDS - REST Enable the Oracle Database

File Edit View Navigate Run Team Tools Window Help

Connections ×

Oracle Connections

Database Schema Se

Welcome Page   TEST_SYS ×

Worksheet   Query Builder

Services

File   Action   View   Help

Services (Local)

Services (Local)

Offline Files

Start the service

Description:
The Offline Files service performs
maintenance activities on the Offline
Files cache, responds to user logon
and logoff events, implements the
internals of the public API, and
dispatches interesting events to those
interested in Offline Files activities
and changes in cache state.

Name	Description	Status	Startup Type	Loc
Offline Files	The Offline ...		Manual (Trigg...	Loc
OpenSSH Authentication Ag...	Agent to hol...		Disabled	Loc
Optimize drives	Helps the co...		Manual	Loc
OracleJobSchedulerTEST			Disabled	Loc
OracleOraDB19Home1TNSLi...		Running	Automatic	Loc
OracleRemExecServiceV2		Running	Manual	Loc
OracleServiceTEST		Running	Automatic	Loc
OracleVssWriterTEST		Running	Automatic	Loc
Parental Controls	Enforces par...		Manual	Loc
Payments and NFC/SE Mana...	Manages pa...	Running	Manual (Trigg...	Loc
Peer Name Resolution Proto...	Enables serv...		Manual	Loc
Peer Networking Grouping	Enables mul...		Manual	Loc
Peer Networking Identity M...	Provides ide...		Manual	Loc
Performance Counter DLL H...	Enables rem...		Manual	Loc
Performance Logs & Alerts	Performance...		Manual	Loc
Phone Service	Manages th...		Manual (Trigg...	Loc
Plug and Play	Enables a co...	Running	Manual	Loc
PNRP Machine Name Public...	This service ...		Manual	Loc
Portable Device Enumerator ...	Enforces gro...		Manual (Trigg...	Loc
Power	Manages pa...	Running	Automatic	Loc
Print Spooler	This service ...	Running	Automatic	Loc

Extended   Standard

Reports ×

All Reports
Analytic View Repc
Data Dictionary Re
Data Modeler Repc
OLAP Reports
TimesTen Reports
User Defined Repc

Provide a unique database identifier information. An Oracle database is uniquely identified by a Global database name, typically of the form "name.domain".

Global database name: TEST.altopacik.com

SID: TEST

Service name:

☑ Create as Container database

A Container database can be used for consolidating multiple databases into a single database, and it enables database virtualization. A Container database (CDB) can have zero or more pluggable databases (PDB).

☑ Use Local Undo tablespace for PDBs

◯ Create an empty Container database

◉ Create a Container database with one or more PDBs

Number of PDBs: 1

PDB name: pdb

Finish

19c ORACLE
Database

- Database Operation
- Creation Mode
- Deployment Type
- Database Identification
- Storage Option
- Fast Recovery Option
- Network Configuration
- Data Vault Option
- Configuration Options
- Management Options
- User Credentials
- Creation Option
- Summary
- Progress Page
- **Finish**

Database creation complete. For details check the logfiles at:
C:\Oracle19c\app\Ali\cfgtoollogs\dbca\TEST.

Database Information:
Global Database Name:	TEST.alitopacik.com
System Identifier(SID):	TEST
Server Parameter File name:	C:\ORACLE19C\V982656-01\DATABASE\SPFILETEST.ORA
EM Database Express URL:	https://DESKTOP-FAUR3JH:5500/em

Note: All database accounts except SYS and SYSTEM are locked. Select the Password Management button to view a complete list of locked accounts or to manage the database accounts. From the Password Management window, unlock only the accounts you will use. Oracle strongly recommends changing the default passwords immediately after unlocking the account.

Password Management...

nish

19c ORACLE Database

- Database Operation
- Creation Mode
- Deployment Type
- Database Identification
- Storage Option
- Fast Recovery Option
- Network Configuration
- Data Vault Option
- Configuration Options
- Management Options
- User Credentials
- Creation Option
- Summary
- Progress Page
- **Finish**

Database creation complete. For details check the logfiles at:
 C:\Oracle19c\app\Ali\cfgtoollogs\dbca\TEST.

Database Information:
Global Database Name: TEST.altopacik.com
System Identifier(SID):   TEST
Server Parameter File name: C:\ORACLE19C\V982656-01\DATABASE\SPFILETEST.ORA
EM Database Express URL: https://DESKTOP-FAUR3JH:5500/em

Note: All database accounts except SYS and SYSTEM are locked. Select the Password Management button to view a complete list of locked accounts or to manage the database accounts. From the Password Management window, unlock only the accounts you will use. Oracle strongly recommends changing the default passwords immediately after unlocking the account.

Password Management...

Finish

19c ORACLE
Database

- Database Operation
- Creation Mode
- Deployment Type
- Database Identification
- Storage Option
- Fast Recovery Option
- Network Configuration
- Data Vault Option
- Configuration Options
- Management Options
- User Credentials
- Creation Option
- Summary
- Progress Page
- **Finish**

Database creation complete. For details check the logfiles at
C:\Oracle19c\app\Ali\cfgtoollo

Database Information:
Global Database Name:
System Identifier(SID):
Server Parameter File name:
EM Database Express URL:

Note: All database accounts e
Password Management windo

d accounts or to manage the database accounts. From the
mediately after unlocking the account.

Password Management...

Password Management

Lock / unlock database user accounts and / or change the default passwords:

User Name	Lock Account? ▲	New Password	Confirm Password
SYSTEM			
SYS			
ORDSYS	✔		
SYSDG	✔		
WMSYS	✔		
XDB	✔		
ORACLE_OCM	✔		
SYSSUMF	✔		
OUTLN	✔		
ORDDATA	✔		
SYSKM	✔		
OLAPSYS	✔		
MDSYS	✔		
LBACSYS	✔		
ORDPLUGINS	✔		
DIP	✔		

OK   Cancel   Help

Database Configuration Assistant - Create 'TEST' database - Step 15 of 15

Finish

19c ORACLE
Database

- Database Operation
- Creation Mode
- Deployment Type
- Database Identification
- Storage Option
- Fast Recovery Option
- Network Configuration
- Data Vault Option
- Configuration Options
- Management Options
- User Credentials
- Creation Option
- Summary
- Progress Page
- **Finish**

Database creation complete. For details check the logfiles at
C:\Oracle19c\app\Ali\cfgtoollog

Database Information:
Global Database Name:
System Identifier(SID):
Server Parameter File name:
EM Database Express URL:

Note: All database accounts e
Password Management windo

d accounts or to manage the database accounts. From the
nediately after unlocking the account.

Password Management...

Password Management

Lock / unlock database user accounts and / or change the default passwords:

User Name	Lock Account? ▲	New Password	Confirm Password
SYSTEM			
SYS			
ORDSYS	✔		
SYSDG	✔		
WMSYS	✔		
XDB	✔		
ORACLE_OCM	✔		
SYSSUMF	✔		
OUTLN	✔		
ORDDATA	✔		
SYSKM	✔		
OLAPSYS	✔		
MDSYS	✔		
LBACSYS	✔		
ORDPLUGINS	✔		
DIP	✔		

OK   Cancel   Help