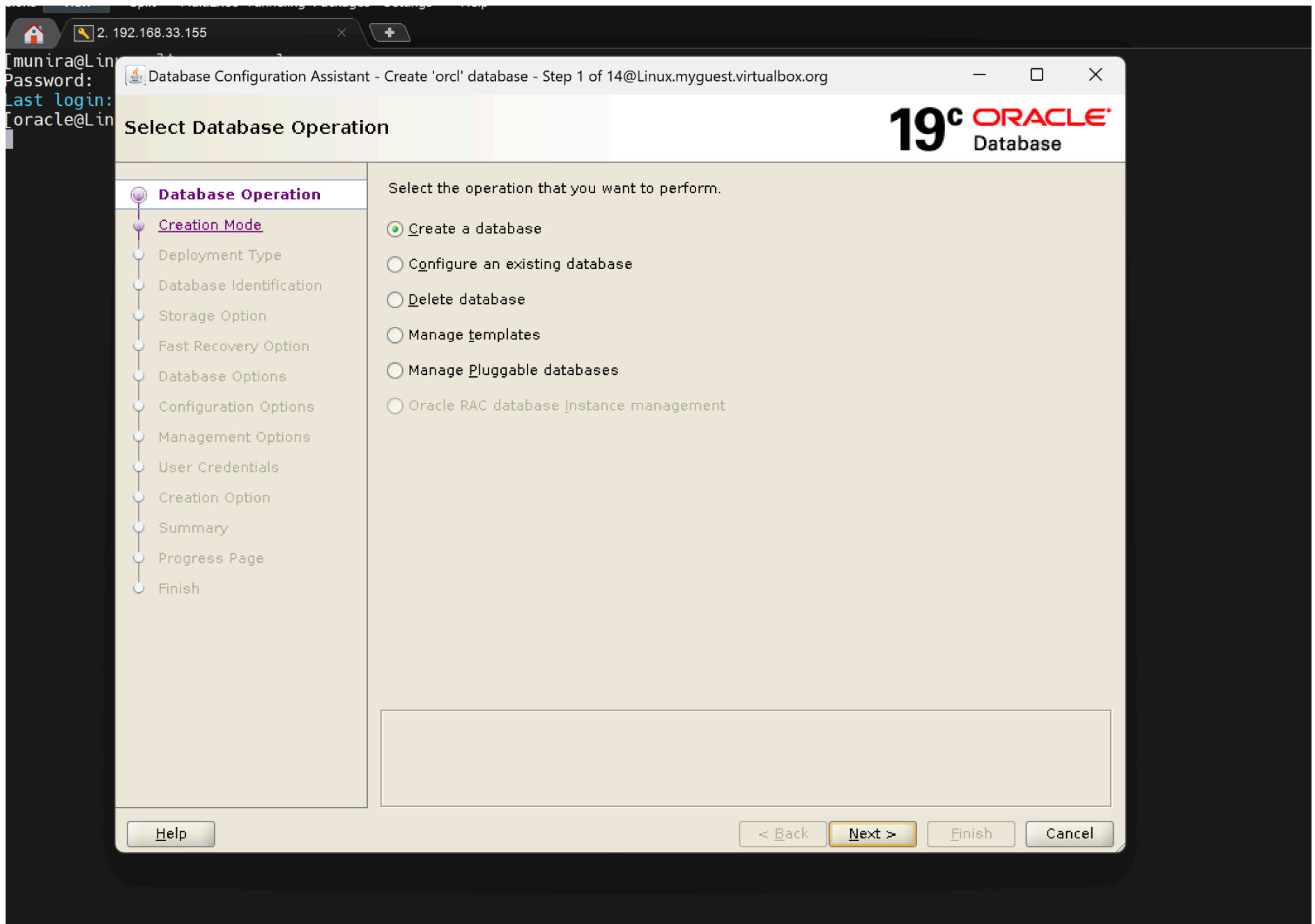


§ Установка бд оракл

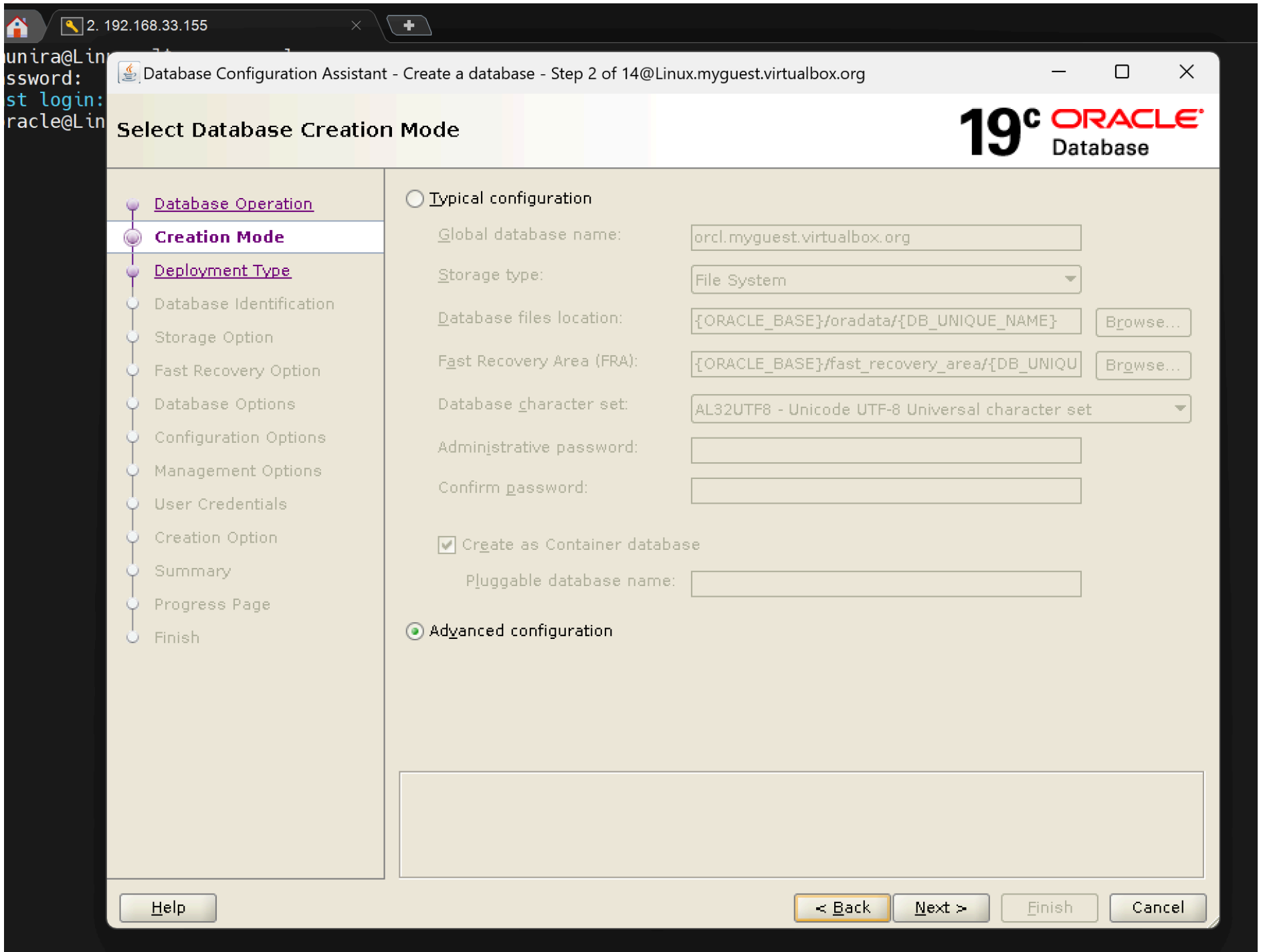
§ Часть 2. СУБД Oracle.

§ Создать БД с помощью DBCA.



Выбор конфигурации базы данных:

- **Typical Configuration** (Типовая конфигурация) — быстро создать базу данных с настройками по умолчанию.
- **Advanced Configuration** (Расширенная конфигурация) — настроить все параметры базы данных вручную.



§ Выбор шаблона базы данных

- **General Purpose or Transaction Processing** — для общего использования (рекомендуется).
- **Data Warehouse** — если база предназначена для аналитики.
- **Custom Database** — для полной настройки вручную.

Select Database Deployment Type

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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
<input type="radio"/>	Custom Database	No	View details
<input checked="" type="radio"/>	General Purpose or Transaction Processing	Yes	View details
<input type="radio"/>	Data Warehouse	Yes	View details

Template location: /u01/app/oracle/product/19.0.0/dbhome_1/assistants/dbca/templates

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-
- **Global Database Name** (глобальное имя базы данных): например, `testdb`.
 - **SID** (идентификатор базы данных): например, `testdb`.

Specify Database Identification Details

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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:

SID:

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:

PDB name:

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Select Database Storage Option

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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...

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Select Fast Recovery Option

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Choose the recovery options for the database.

☐ Specify Fast Recovery AreaRecovery files storage type: File System ▾Fast Recovery Area: {ORACLE_BASE}/fast_recovery_area/{DB_UNIQUE_} Browse...

Fast Recovery Area size: 8256 MB ▾

☐ Enable archiving Edit archive mode parameters...

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Specify Network Configuration Details

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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
<input type="checkbox"/>	LISTENER	1521	/u01/app/oracle/product/19.0.0/dbhome_1	Down

☐ [Create a new listener](#)

Listener name:

Listener port:

Oracle home: /u01/app/oracle/product/19.0.0/dbhome_1

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Select Oracle Data Vault Config Option

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☐ Configure Oracle Database VaultDatabase Vault owner: Password: Confirm password: ☐ Create a separate account managerAccount manager: Password: Confirm password: ☐ Configure Oracle Label Security☐ Configure Oracle Label Security with OJD

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Specify Configuration Options

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Memory Sizing Character sets Connection mode Sample schemas

☒ Use Automatic Shared Memory Management

SGA size: 1506 MB 390 2009 3628

PGA Size: 503 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: 1451 MB 390 1451 3628 39%

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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

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Specify Management Options

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Specify the management options for the database.

☐ Configure Enterprise Manager (EM) database express

EM database express port:

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


☐ Use different administrative passwords

	Password	Confirm password
SYS	<input type="text"/>	<input type="text"/>
SYSTEM	<input type="text"/>	<input type="text"/>

☒ 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.

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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_2025-01-25_03-03-]

Template location:

/u01/app/oracle/product/19.0.0/dbhome_1/assistants/dbca/t

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...

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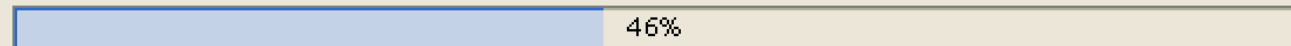


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Progress



Creating and starting Oracle instance : In Progress

Status

➔	DB Creation	In Progress
✓	• Prepare for db operation	Succeeded
✓	• Copying database files	Succeeded
➔	• Creating and starting Oracle instance	In Progress
	• Completing Database Creation	Pending
	• Executing Post Configuration Actions	Pending

[Details](#)[Revert All](#)[Revert](#)[Retry](#)[Skip](#)

DBCA Log Location:

/u01/app/oracle/cfgtoollogs/dbca/testdb/trace.log_2025-01-25_03-03-12PM

Database Alert Log Location:

/u01/app/oracle/diag/rdbms/testdb/testdb/trace/alert_testdb.log

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