INSTITUTO TECNOLÓGICO SUPERIOR DE JEREZ

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Ingeniería en sistemas computacionales

Semestre: 6

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Actividad: Reporte de práctica
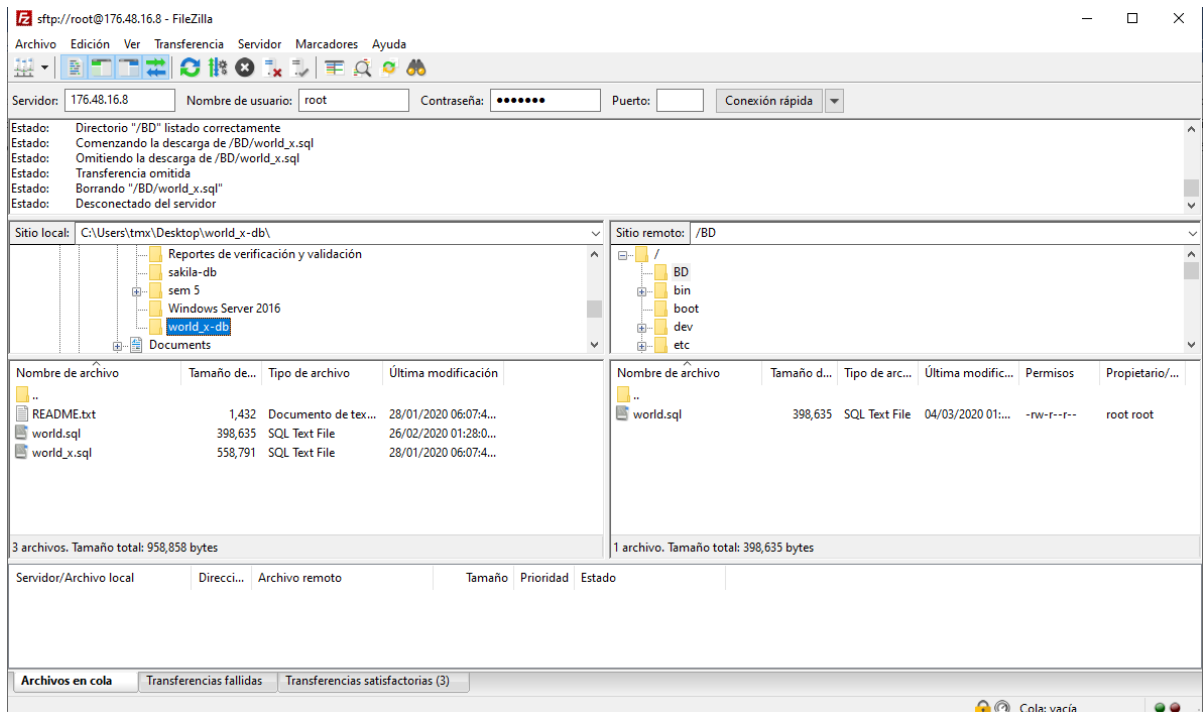
Administración de bases de datos

Docente: MTI Salvador Acevedo Sandoval

Objetivo

Realizar un REPORTE DE PRACTICA relativo a la instalación en su DEBIAN, de las bases de datos de ejemplo que tiene mysql.
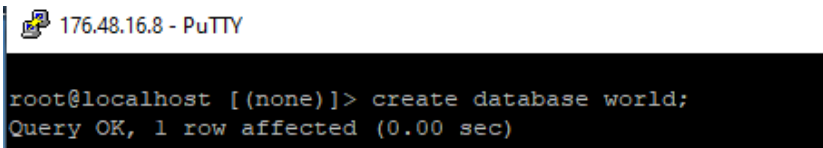
Procedimiento

1. Capturas de pantalla y descripción de los pasos realizados para la instalación de cada base de datos.
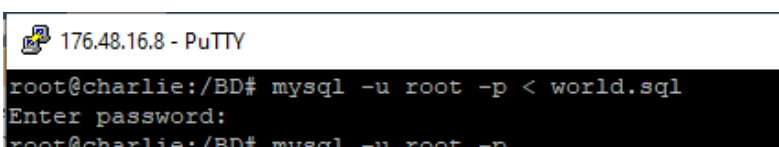

World

Crear base de datos

Instalar

Sakila

```
root@localhost [world]> create database sakila;
Query OK, 1 row affected (0.00 sec)
```

```
root@charlie:/BD# mysql -u root -p < sakila-schema.sql
Enter password:
```

```
root@charlie:/BD# mysql -u root -p sakila < sakila-data.sql
Enter password:
root@charlie:/BD#
```

Employee

176.48.16.8 - PuTTY

```
root@localhost [world]> create database employee;
Query OK, 1 row affected (0.01 sec)
```

176.48.16.8 - PuTTY

```
root@charlie:/BD# ls
sakila-data.sql   sakila-schema.sql   test_db-master   world.sql
root@charlie:/BD# cd /BD /test_db-master
root@charlie:/BD# cd /BD/test_db-master
root@charlie:/BD/test_db-master# mysql -u root -p < employees.sql
Enter password:
INFO
CREATING DATABASE STRUCTURE
INFO
storage engine: InnoDB
INFO
LOADING departments
INFO
LOADING employees
INFO
LOADING dept_emp
INFO
LOADING dept_manager
INFO
LOADING titles
INFO
LOADING salaries
data_load_time_diff
NULL
root@charlie:/BD/test_db-master#
```

Menagerie

```
root@localhost [world]> create database menagerie;
Query OK, 1 row affected (0.00 sec)
```



```
176.48.16.8 - PuTTY                                    —  □  ✕

root@charlie:/BD/test_db-master# mysql -u root -p --local-infile=1
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 59
Server version: 5.5.62-0+deb8u1 (Debian)

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

root@localhost [(none)]> USE menagerie;
Database changed
root@localhost [menagerie]> SOURCE cr_pet_tbl.sql
ERROR:
Failed to open file 'cr_pet_tbl.sql', error: 2
root@localhost [menagerie]> exit;
Bye
root@charlie:/BD/test_db-master# cd /BD/menagerie-db
root@charlie:/BD/menagerie-db# mysql -u root -p --local-infile=1
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 60
Server version: 5.5.62-0+deb8u1 (Debian)
```

Resultado

2. Captura de pantalla de la conexión a cada BD desde MySQL, donde aparezca su conexión a través de su cliente SSH (por ejemplo, Putty).

3. Además de una consulta de todas las bases de datos.

176.48.16.8 - PuTTY

```
root@localhost [employees]> show databases;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| employees          |
| menagerie          |
| mysql              |
| performance_schema |
| sakila             |
| usuarios_sistema   |
| world              |
| world_x            |
+--------------------+
9 rows in set (0.00 sec)
```

4.   Una consulta de todas las tablas de las 5 bases de datos.

World

176.48.16.8 - PuTTY

```
Database changed
root@localhost [world]> show tables;
+-----------------+
| Tables_in_world |
+-----------------+
| city            |
| country         |
| countrylanguage |
+-----------------+
3 rows in set (0.00 sec)
```

Sakila

176.48.16.8 - PuTTY

```
Database changed
root@localhost [sakila]> show tables;
+----------------------------+
| Tables_in_sakila           |
+----------------------------+
| actor                      |
| actor_info                 |
| address                    |
| category                   |
| city                       |
| country                    |
| customer                   |
| customer_list              |
| film                       |
| film_actor                 |
| film_category              |
| film_list                  |
| film_text                  |
| inventory                  |
| language                   |
| nicer_but_slower_film_list |
| payment                    |
| rental                     |
| sales_by_film_category     |
| sales_by_store             |
| staff                      |
| staff_list                 |
| store                      |
+----------------------------+
23 rows in set (0.00 sec)

root@localhost [sakila]>
```

Employees

Menagerie

5. Una consulta de todos los registros de una tabla, para cada una de las BD.

World

```
176.48.16.8 - PuTTY

root@localhost [world]> SELECT *FROM countrylanguage;
+-------------+------------------------+------------+------------+
| CountryCode | Language               | IsOfficial | Percentage |
+-------------+------------------------+------------+------------+
| ABW         | Dutch                  | T          |        5.3 |
| ABW         | English                | F          |        9.5 |
| ABW         | Papiamento             | F          |       76.7 |
| ABW         | Spanish                | F          |        7.4 |
| AFG         | Balochi                | F          |        0.9 |
| AFG         | Dari                   | T          |       32.1 |
| AFG         | Pashto                 | T          |       52.4 |
| AFG         | Turkmenian             | F          |        1.9 |
| AFG         | Uzbek                  | F          |        8.8 |
| AGO         | Ambo                   | F          |        2.4 |
| AGO         | Chokwe                 | F          |        4.2 |
| AGO         | Kongo                  | F          |       13.2 |
| AGO         | Luchazi                | F          |        2.4 |
| AGO         | Luimbe-nganguela       | F          |        5.4 |
| AGO         | Luvale                 | F          |        3.6 |
| AGO         | Mbundu                 | F          |       21.6 |
| AGO         | Nyaneka-nkhumbi        | F          |        5.4 |
| AGO         | Ovimbundu              | F          |       37.2 |
| AIA         | English                | T          |        0.0 |
| ALB         | Albaniana              | T          |       97.9 |
| ALB         | Greek                  | F          |        1.8 |
| ALB         | Macedonian             | F          |        0.1 |
| AND         | Catalan                | T          |       32.3 |
| AND         | French                 | F          |        6.2 |
| AND         | Portuguese             | F          |       10.8 |
| AND         | Spanish                | F          |       44.6 |
```

```
| YUG         | Albaniana              | F          |       16.5 |
| YUG         | Hungarian              | F          |        3.4 |
| YUG         | Macedonian             | F          |        0.5 |
| YUG         | Romani                 | F          |        1.4 |
| YUG         | Serbo-Croatian         | T          |       75.2 |
| YUG         | Slovak                 | F          |        0.7 |
| ZAF         | Afrikaans              | T          |       14.3 |
| ZAF         | English                | T          |        8.5 |
| ZAF         | Ndebele                | F          |        1.5 |
| ZAF         | Northsotho             | F          |        9.1 |
| ZAF         | Southsotho             | F          |        7.6 |
| ZAF         | Swazi                  | F          |        2.5 |
| ZAF         | Tsonga                 | F          |        4.3 |
| ZAF         | Tswana                 | F          |        8.1 |
| ZAF         | Venda                  | F          |        2.2 |
| ZAF         | Xhosa                  | T          |       17.7 |
| ZAF         | Zulu                   | T          |       22.7 |
| ZMB         | Bemba                  | F          |       29.7 |
| ZMB         | Chewa                  | F          |        5.7 |
| ZMB         | Lozi                   | F          |        6.4 |
| ZMB         | Nsenga                 | F          |        4.3 |
| ZMB         | Nyanja                 | F          |        7.8 |
| ZMB         | Tongan                 | F          |       11.0 |
| ZWE         | English                | T          |        2.2 |
| ZWE         | Ndebele                | F          |       16.2 |
| ZWE         | Nyanja                 | F          |        2.2 |
| ZWE         | Shona                  | F          |       72.1 |
+-------------+------------------------+------------+------------+
984 rows in set (0.00 sec)

root@localhost [world]> 
```

Sakila

```
root@localhost [sakila]> SELECT *FROM store;
+----------+------------------+------------+---------------------+
| store_id | manager_staff_id | address_id | last_update         |
+----------+------------------+------------+---------------------+
|        1 |                1 |          1 | 2006-02-15 04:57:12 |
|        2 |                2 |          2 | 2006-02-15 04:57:12 |
+----------+------------------+------------+---------------------+
2 rows in set (0.00 sec)
```

Employees

```
root@localhost [employees]> select * from titles LIMIT 0,20;
+--------+--------------------+------------+------------+
| emp_no | title              | from_date  | to_date    |
+--------+--------------------+------------+------------+
|  10001 | Senior Engineer    | 1986-06-26 | 9999-01-01 |
|  10002 | Staff              | 1996-08-03 | 9999-01-01 |
|  10003 | Senior Engineer    | 1995-12-03 | 9999-01-01 |
|  10004 | Engineer           | 1986-12-01 | 1995-12-01 |
|  10004 | Senior Engineer    | 1995-12-01 | 9999-01-01 |
|  10005 | Senior Staff       | 1996-09-12 | 9999-01-01 |
|  10005 | Staff              | 1989-09-12 | 1996-09-12 |
|  10006 | Senior Engineer    | 1990-08-05 | 9999-01-01 |
|  10007 | Senior Staff       | 1996-02-11 | 9999-01-01 |
|  10007 | Staff              | 1989-02-10 | 1996-02-11 |
|  10008 | Assistant Engineer | 1998-03-11 | 2000-07-31 |
|  10009 | Assistant Engineer | 1985-02-18 | 1990-02-18 |
|  10009 | Engineer           | 1990-02-18 | 1995-02-18 |
|  10009 | Senior Engineer    | 1995-02-18 | 9999-01-01 |
|  10010 | Engineer           | 1996-11-24 | 9999-01-01 |
|  10011 | Staff              | 1990-01-22 | 1996-11-09 |
|  10012 | Engineer           | 1992-12-18 | 2000-12-18 |
|  10012 | Senior Engineer    | 2000-12-18 | 9999-01-01 |
|  10013 | Senior Staff       | 1985-10-20 | 9999-01-01 |
|  10014 | Engineer           | 1993-12-29 | 9999-01-01 |
+--------+--------------------+------------+------------+
20 rows in set (0.00 sec)
```

Menagerie

```
176.48.16.8 - PuTTY                                              —

root@localhost [menagerie]> select * from event;
+----------+------------+----------+---------------------------+
| name     | date       | type     | remark                    |
+----------+------------+----------+---------------------------+
| Fluffy   | 1995-05-15 | litter   | 4 kittens, 3 female, 1 male |
| Buffy    | 1993-06-23 | litter   | 5 puppies, 2 female, 3 male |
| Buffy    | 1994-06-19 | litter   | 3 puppies, 3 female       |
| Chirpy   | 1999-03-21 | vet      | needed beak straightened  |
| Slim     | 1997-08-03 | vet      | broken rib                |
| Bowser   | 1991-10-12 | kennel   | NULL                      |
| Fang     | 1991-10-12 | kennel   | NULL                      |
| Fang     | 1998-08-28 | birthday | Gave him a new chew toy   |
| Claws    | 1998-03-17 | birthday | Gave him a new flea collar |
| Whistler | 1998-12-09 | birthday | First birthday            |
+----------+------------+----------+---------------------------+
10 rows in set (0.00 sec)
```

Conclusión

Instalación de las bases de datos world, sakila, employees y menagerie.