

Universidad Mayor de San Andrés
Facultad de Ciencias Puras y Naturales

Instalación de MongoDB

DAT 251 - Base de datos 3

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La Paz - Bolivia

Instalación y despliegue de MongoDB

mongosh y mongod:

```
Microsoft Windows [Versión 10.0.22621.4317]
(c) Microsoft Corporation. Todos los derechos reservados.

C:\Users\gabri>ipconfig

Configuración IP de Windows

Adaptador desconocido Local Area Connection:

    Estado de los medios. . . . . : medios desconectados
    Sufijo DNS específico para la conexión. . . :

Adaptador de LAN inalámbrica Local Area Connection* 1:

    Estado de los medios. . . . . : medios desconectados
    Sufijo DNS específico para la conexión. . . :

Adaptador de LAN inalámbrica Local Area Connection* 2:

    Estado de los medios. . . . . : medios desconectados
    Sufijo DNS específico para la conexión. . . :

Adaptador de LAN inalámbrica Wi-Fi:

    Sufijo DNS específico para la conexión. . . :
    Dirección IPv6 . . . . . : 2800:cd0:1244:8700:54a4:2d5c:c763:ca
c1
    Dirección IPv6 temporal. . . . . : 2800:cd0:1244:8700:35ce:7050:81c:fcf
5
    Vínculo: dirección IPv6 local. . . : fe80::8f3c:8afd:6c27:6d2c%13
    Dirección IPv4. . . . . : 192.168.1.14
    Máscara de subred. . . . . : 255.255.255.0
    Puerta de enlace predeterminada. . . : fe80::1%13
    192.168.1.1

Adaptador de Ethernet Bluetooth Network Connection:

    Estado de los medios. . . . . : medios desconectados
    Sufijo DNS específico para la conexión. . . :

C:\Users\gabri>
```

```
":4784986, "ctx":"initandlisten","msg":"Shutting down the FlowControlTicketH
older"}
{"t":{"date":"2025-03-17T17:11:15.816-04:00"},"s":"I", "c":"-", "id
":20520, "ctx":"initandlisten","msg":"Stopping further Flow Control ticket
acquisitions."}
{"t":{"date":"2025-03-17T17:11:15.816-04:00"},"s":"I", "c":"NETWORK", "id
":4784918, "ctx":"initandlisten","msg":"Shutting down the ReplicaSetMonitor"
}
{"t":{"date":"2025-03-17T17:11:15.816-04:00"},"s":"I", "c":"SHARDING", "id
":4784921, "ctx":"initandlisten","msg":"Shutting down the MigrationUtilExecu
tor"}
{"t":{"date":"2025-03-17T17:11:15.816-04:00"},"s":"I", "c":"ASIO", "id
":22582, "ctx":"MigrationUtil-TaskExecutor","msg":"Killing all outstanding
agress activity."}
{"t":{"date":"2025-03-17T17:11:15.817-04:00"},"s":"I", "c":"NETWORK", "id
":20562, "ctx":"initandlisten","msg":"Shutdown: Closing open transport ses
sions"}
{"t":{"date":"2025-03-17T17:11:15.818-04:00"},"s":"I", "c":"NETWORK", "id
":4784923, "ctx":"initandlisten","msg":"Shutting down the ASIO transport Ses
sionManager"}
{"t":{"date":"2025-03-17T17:11:15.818-04:00"},"s":"I", "c":"CONTROL", "id
":4784928, "ctx":"initandlisten","msg":"Shutting down the TTL monitor"}
{"t":{"date":"2025-03-17T17:11:15.818-04:00"},"s":"I", "c":"CONTROL", "id

mongosh mongodb://127.0.0.1:27017/?directConnection=true&ser
verSelectionTimeoutMS=2000&appName=mongosh+2.4.2
0}}
C:\Users\gabri>mongosh
Current Mongosh Log ID: 67d88f9f7fd6422276b71235
Connecting to: mongodb://127.0.0.1:27017/?directConnection=true&ser
verSelectionTimeoutMS=2000&appName=mongosh+2.4.2
Using MongoDB: 8.0.5
Using Mongosh: 2.4.2

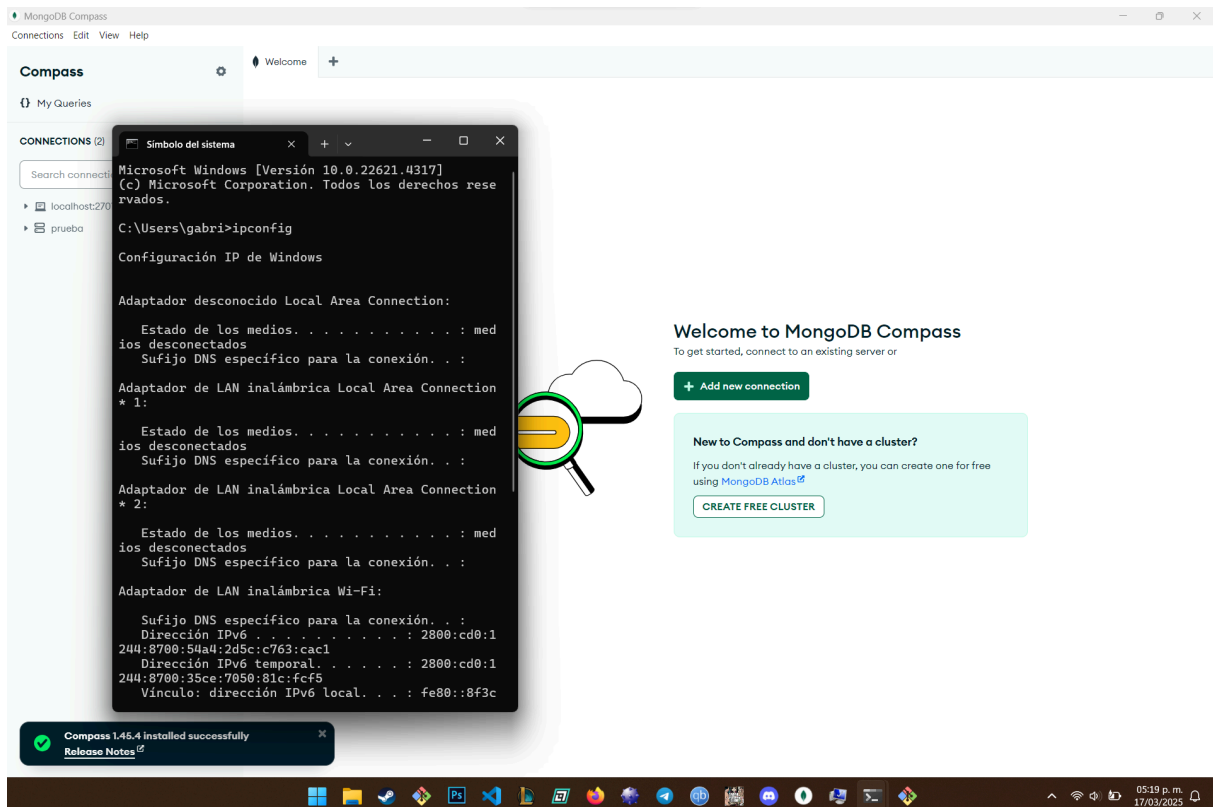
For mongosh info see: https://www.mongodb.com/docs/mongodb-shell/

To help improve our products, anonymous usage data is collected and sent to
MongoDB periodically (https://www.mongodb.com/legal/privacy-policy).
You can opt-out by running the disableTelemetry() command.

-----
The server generated these startup warnings when booting
2025-03-17T17:05:33.199-04:00: Access control is not enabled for the data
base. Read and write access to data and configuration is unrestricted
-----

test> |
```

MongoDB Compass:



Creación de colección:

```
mongosh mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.4.2
programa o archivo por lotes ejecutable.

C:\Users\gabri>mongosh
Current Mongosh Log ID: 67d89eb80d3a62dc27b71235
Connecting to:      mongodb://127.0.0.1:27017/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.4.2
Using MongoDB:      8.0.5
Using Mongosh:       2.4.2

For mongosh info see: https://www.mongodb.com/docs/mongodb-shell/

-----
The server generated these startup warnings when booting
2025-03-17T17:05:33.199-04:00: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
-----

test> use miBaseDeDatos
switched to db miBaseDeDatos
miBaseDeDatos> db.clientes.insertOne({
...   nombre: "Juan Pérez",
...   edad: 30,
...   email: "juan@example.com",
...   telefono: "+123456789"
... })
{
  acknowledged: true,
  insertedId: ObjectId('67d89ec40d3a62dc27b71236')
}
miBaseDeDatos> |
```