

How to Create User & add Role in MongoDB

MongoDB Create Administrator User

Creating a user administrator in MongoDB is done by using the createUser method. The following example shows how this can be done.

```
db.createUser(  
  {  
    user: "Guru99",  
    pwd: "password",  
  
    roles:[{role: "userAdminAnyDatabase" , db:"admin"}]})
```

MongoDB Create User for Single Database

To create a user who will manage a single database, we can use the same command as mentioned above but we need to use the "userAdmin" option only.

The following example shows how this can be done;

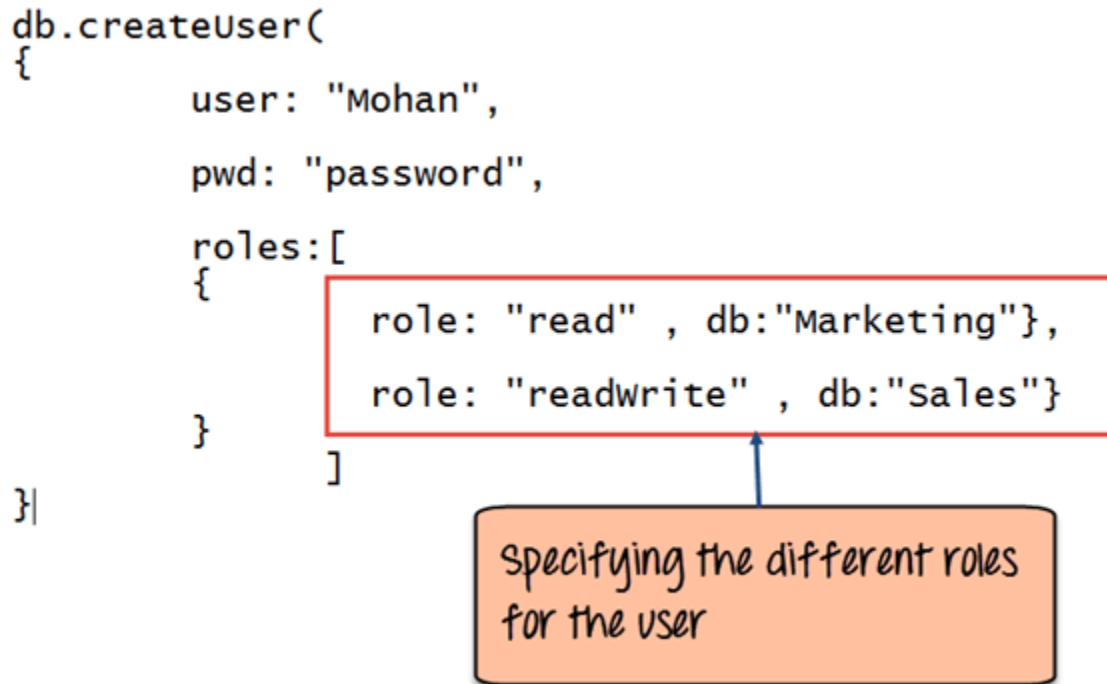
```
db.createUser(  
  {  
    user: "Employeeadmin",  
  
    pwd: "password",  
  
    roles:[{role: "userAdmin" , db:"Employee"}]})
```

Managing users

First understand the roles which you need to define. There is a whole list of role available in MongoDB. For example, there is a the "read role" which only allows read only access to databases and then there is the "readwrite" role which provides read and write access to

the database , which means that the user can issue the insert, delete and update commands on collections in that database.

```
db.createUser(  
{  
  user: "Mohan",  
  pwd: "password",  
  roles:[  
    {  
      role: "read" , db:"Marketing"},  
      role: "readwrite" , db:"Sales"}  
    ]  
}  
}|
```



The diagram illustrates the MongoDB `db.createUser()` command. A red rectangular box highlights the `roles` array within the command object, which contains two role definitions: `{ role: "read" , db:"Marketing" }` and `{ role: "readwrite" , db:"Sales" }`. Below this, an orange rounded rectangular box contains the text "Specifying the different roles for the user". A blue arrow points from the orange box up to the red box, indicating that the roles specified in the orange box are the ones being assigned to the user in the red box.