

Documentations on mongo DB backup

Detailed Documentation on Mongodb backup through Jenkins job detailed explain below:

```
#!/bin/bash

# Set the database name and backup directory
```

Initially, Setting the database name and backup directory name in the shell script.

```
DB_NAME="himansh14"
BACKUP_DIR="/opt/mongodb_task/mongo_bkp_file"
```

- *To begin with, first we need to install mongo dB in our ubuntu server and then create the database with command called as use himansh14; then need to add collection to it.*
- *Next, we'll create a backup directory for the data to be stored at absolute path be, "/opt/mongodb_task/mongo_bkp_file"*

```
# Create the backup directory if it doesn't exist

if [ ! -d "$BACKUP_DIR" ]; then
    mkdir -p "$BACKUP_DIR"
fi
```

- *Consider setting up a backup directory if it doesn't exist*

- Then using if condition for backup, then using “mkdir” command to make a directory specifically declaring it as variable.

```
# Use mongodump to create the backup  
mongodump --db "$DB_NAME" --out "$BACKUP_DIR" --gzip
```

- Now using mongodump command to take backup of the database using \$DB_NAME and storing in \$BACKUP_DIR.

```
# Print a success message  
echo "Backup complete!"
```

- Lastly, echo “Backup complete!”
- If we’re running Jenkins job for mongo Db backup
- In the Build Steps for execute shell we will give the absolute path of the shell script to execute, then simply build the job (optional we can select build periodically to take time timely backup or else use the cronjob to accomplish the task)