Script to automate the process

This will only upload the latest backup to gdrive and delete all the backup from gdrive.

#!/bin/bash

# Directories

LOCAL\_BACKUP\_DIR="/var/backups/mongodb" # Local backup storage

REMOTE\_DIR="Rahul:mongodb\_backups" # Google Drive folder

DATABASE\_NAME="your\_database\_name" # The database you want to back up

# Log file for the upload process

LOG\_FILE="$LOCAL\_BACKUP\_DIR/backup\_upload.log"

# Get the current date and time for folder naming

current\_date=$(date +"%d%m%Y")

current\_time=$(date +"%H%M")

# Create a backup folder for the current time\_date (e.g., 1411\_12112024)

BACKUP\_DIR="${LOCAL\_BACKUP\_DIR}/${current\_time}\_${current\_date}"

# Step 1: Take MongoDB backup for the specific database

mkdir -p "$BACKUP\_DIR" # Create folder for the day's backup

echo "Starting backup for $DATABASE\_NAME on $current\_date at $current\_time" >> "$LOG\_FILE"

mongodump --db "$DATABASE\_NAME" --out "$BACKUP\_DIR" # Dump the database

# Check if the backup was successful

if [ $? -ne 0 ]; then

echo "Backup failed for $DATABASE\_NAME on $current\_date at $current\_time" >> "$LOG\_FILE"

exit 1

fi

# Step 2: Log the successful backup

echo "Backup for $DATABASE\_NAME completed successfully on $current\_date at $current\_time" >> "$LOG\_FILE"

# Step 3: Delete all old backups from Google Drive

echo "Deleting all backups from Google Drive..." >> "$LOG\_FILE"

rclone purge "$REMOTE\_DIR" >> "$LOG\_FILE" 2>&1

# Step 4: Upload the latest backup to Google Drive

echo "Uploading latest backup $BACKUP\_DIR to Google Drive..." >> "$LOG\_FILE"

rclone copy "$BACKUP\_DIR" "$REMOTE\_DIR/$(basename $BACKUP\_DIR)" --log-file="$LOG\_FILE" 2>&1

# Check if the rclone command was successful

if [ $? -eq 0 ]; then

echo "Upload of backup completed successfully at $current\_time" >> "$LOG\_FILE"

else

echo "Upload failed for $BACKUP\_DIR at $current\_time" >> "$LOG\_FILE"

fi

echo "Backup script execution completed."

**cron job**

**\* \* \* \* \* /path/file.sh**

**This is script for particular time to run and upload**

**backup.sh**

**#!/bin/bash**

**# Directories**

**LOCAL\_BACKUP\_DIR="/var/backups/mongodb" # Local backup storage**

**DATABASE\_NAME="your\_database\_name" # The MongoDB database you want to back up**

**REMOTE\_DIR="Rahul:mongodb\_backups" # Google Drive folder to upload backups**

**# Log file for the backup process**

**LOG\_FILE="$LOCAL\_BACKUP\_DIR/mongodb\_backup.log"**

**# Get the current date and time for folder naming**

**current\_date=$(date +"%d%m%Y")**

**current\_time=$(date +"%H%M")**

**# Create a backup folder for the current time\_date (e.g., 0830\_12112024)**

**BACKUP\_DIR="${LOCAL\_BACKUP\_DIR}/${current\_time}\_${current\_date}"**

**# Step 1: Take MongoDB backup for the specific database**

**mkdir -p "$BACKUP\_DIR" # Create folder for the day's backup**

**echo "Starting backup for $DATABASE\_NAME on $current\_date at $current\_time" >> "$LOG\_FILE"**

**mongodump --db "$DATABASE\_NAME" --out "$BACKUP\_DIR" # Dump the database**

**# Check if the backup was successful**

**if [ $? -ne 0 ]; then**

**echo "Backup failed for $DATABASE\_NAME on $current\_date at $current\_time" >> "$LOG\_FILE"**

**exit 1**

**fi**

**# Step 2: Log the successful backup**

**echo "Backup for $DATABASE\_NAME completed successfully on $current\_date at $current\_time" >> "$LOG\_FILE"**

**\*\*\*\***

**Delete\_upload.sh**

**#!/bin/bash**

**# Directories**

**LOCAL\_BACKUP\_DIR="/var/backups/mongodb" # Local backup storage**

**REMOTE\_DIR="Rahul:mongodb\_backups" # Google Drive folder to upload backups**

**# Log file for the upload and delete process**

**LOG\_FILE="$LOCAL\_BACKUP\_DIR/backup\_upload.log"**

**# Get the current date and time for folder naming**

**current\_date=$(date +"%d%m%Y")**

**current\_time=$(date +"%H%M")**

**# Step 1: Delete all backups from Google Drive**

**echo "Deleting all old backups from Google Drive..." >> "$LOG\_FILE"**

**rclone purge "$REMOTE\_DIR" >> "$LOG\_FILE" 2>&1**

**# Step 2: Upload the latest backup to Google Drive**

**latest\_backup=$(ls -t $LOCAL\_BACKUP\_DIR | grep -E '^[0-9]{4}\_[0-9]{8}$' | head -n 1) # Get the latest backup folder**

**echo "Uploading latest backup $latest\_backup to Google Drive..." >> "$LOG\_FILE"**

**rclone copy "$LOCAL\_BACKUP\_DIR/$latest\_backup" "$REMOTE\_DIR/$(basename $latest\_backup)" --log-file="$LOG\_FILE" 2>&1**

**# Check if the rclone command was successful**

**if [ $? -eq 0 ]; then**

**echo "Upload of backup completed successfully at $current\_time" >> "$LOG\_FILE"**

**else**

**echo "Upload failed for $latest\_backup at $current\_time" >> "$LOG\_FILE"**

**fi**

**echo "Upload and cleanup completed."**

50 14 \* \* \* /home/ubuntu/db\_backup/backup.sh

53 14 \* \* \* /home/ubuntu/db\_backup/delete\_upload.sh