

# sop\_backup\_recovery

## Babeskopia eta Berreskuratze Script-ak (Kopiatu eta Itsatsi)

**Helburua:** ZG-Data VM **Erabiltzailea:** Root

### 1. Babeskopia Script-aren Instalazioa

Kopiatu eta itsatsi bloke hau babeskopia script-a sortzeko.

```
# Sortu Script-a
cat <<EOF > /usr/local/bin/backup-db.sh
#!/bin/bash

# KONFIGURAZIOA
BACKUP_DIR="/backups/postgres"
CONTAINER_NAME="zabala-postgres"
DB_USER="zabala_user"
DB_NAME="zabala_db"
RETENTION_DAYS=7

# EXEKUZIOA
mkdir -p $BACKUP_DIR
TIMESTAMP=$(date +%Y%m%d_%H%M%S)
FILENAME="db_${TIMESTAMP}.sql.gz"

echo "[$(date)] Babeskopia hasten..."

# Dump eta Zip
docker exec $CONTAINER_NAME pg_dump -U $DB_USER $DB_NAME | gzip > "$BACKUP_DIR/$FILENAME"

if [ $? -eq 0 ]; then
    echo "[$(date)] Babeskopia arrakastatsua: $FILENAME"
else
    echo "[$(date)] Babeskopia HUTSITU DA"
    exit 1
fi

# Zaharrak Garbitu
find $BACKUP_DIR -name "db_*.sql.gz" -mtime +$RETENTION_DAYS -delete
echo "[$(date)] Garbiketa burutua"
EOF

# Exekutagarri Bihurtu
chmod +x /usr/local/bin/backup-db.sh
```

### 2. Antolatu Babeskopia Egunero (Cron)

# Gehitu Crontab-era (Egunero 2:00etan exekutatzen da)  
(crontab -l 2>/dev/null; echo "0 2 \* \* \* /usr/local/bin/backup-db.sh >> /var/log/db-backup.log 2>&1") | crontab -

### 3. Berreskuratze Script-a

Erabili hau fitxategi zehatz bat berreskuratzeko.

```
cat <<EOF > /usr/local/bin/restore-db.sh
#!/bin/bash

if [ -z "$1" ]; then
    echo "Erabilera: \$0 <backup_file.sql.gz>"
    exit 1
fi

BACKUP_FILE=$1
CONTAINER_NAME="zabala-postgres"
DB_USER="zabala_user"
DB_NAME="zabala_db"

echo "ABISUA: Honek \$DB_NAME datu-basea gainidatziko du. Jarraitu? (b/e)"
read confirm
if [ "$confirm" != "b" ]; then exit; fi

echo "Berreskuratzen \$BACKUP_FILE-tik..."
gunzip -c $BACKUP_FILE | docker exec -i $CONTAINER_NAME psql -U $DB_USER -d $DB_NAME

echo "Berreskuratzea burutua."
EOF

chmod +x /usr/local/bin/restore-db.sh
```