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#!/usr/bin/env bash
set -Eeuo pipefail

# === 备份脚本 ===
USER="root"
PASSWORD="password"
DATE=$(date +%Y%m%d_%H%M%S)
RETENTION_DAYS=7
BACKUP_DIR="/root/backup/db"
CONTAINER="my_mysql57"

# 检查 Docker 是否安装
DOCKER_DATABASES="lianhung_crm lianhung_haccp"

# mysqldump 选项
MYSQLDUMP_OPTS="--single-transaction --quick --lock-tables=false --routines --events --triggers"

# === 检查 ===
command -v mysql >/dev/null 2>&1 || { echo "未安装 mysql"; exit 1; }
command -v mysqldump >/dev/null 2>&1 || { echo "未安装 mysqldump"; exit 1; }
command -v gzip >/dev/null 2>&1 || { echo "未安装 gzip"; exit 1; }
command -v docker >/dev/null 2>&1 || { echo "未安装 docker"; exit 1; }

# 创建备份目录
mkdir -p "$BACKUP_DIR"

echo "=== MySQL 备份脚本 $DATE ==="

# 获取 MySQL 数据库列表
echo "正在获取 MySQL 数据库列表..."
DATABASES=$(mysql -u"$USER" -p"$PASSWORD" -e "SHOW DATABASES;" \
| grep -Ev "^(Database|information_schema|performance_schema|mysql|sys)$" || true)

if [ -n "$DATABASES:-" ]; then
    for DB in $DATABASES; do
        FILE="$BACKUP_DIR/local_${DB}_${DATE}.sql.gz"
        echo "正在备份数据库 $DB -> $FILE"
        # 使用 mysqldump 和 gzip 备份
        if mysqldump -u"$USER" -p"$PASSWORD" $MYSQLDUMP_OPTS "$DB" | gzip -9 > "$FILE"; then

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# 检查文件
if gunzip -t "$FILE"; then
    echo "数据库 $DB 备份成功"
else
    echo "数据库 $DB 备份失败: $FILE"
fi
else
    echo "数据库 $DB 不存在"
fi
done
else
    echo "数据库不存在"
fi

# === Docker MySQL 备份 ===
if command -v docker >/dev/null 2>&1; then
    # 检查容器
    if docker ps --format '{{.Names}}' | grep -qx "$CONTAINER"; then
        for DB in $DOCKER_DATABASES; do
            FILE="$BACKUP_DIR/docker_${DB}_${DATE}.sql.gz"
            echo "备份 Docker 容器 $DB (容器$CONTAINER) -> $FILE"
            if docker exec "$CONTAINER" mysqldump -u"$USER" -p"$PASSWORD" $MYSQLDUMP_OPTS "$DB" |
gzip -9 > "$FILE"; then
                if gunzip -t "$FILE"; then
                    echo "数据库 Docker 容器 $DB 备份成功"
                else
                    echo "数据库 Docker 容器 $DB 备份失败: $FILE"
                fi
            else
                echo "数据库 Docker 容器 $DB 不存在"
            fi
        done
    else
        echo "数据库 $CONTAINER 不存在"
    fi
fi

# === 清理旧备份 ===
echo "清理 $RETENTION_DAYS 天前的备份..."
find "$BACKUP_DIR" -type f -name "*.sql.gz" -mtime +$RETENTION_DAYS -delete

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echo "□ □□□□□□$DATE"
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Revision #1

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