1) Make a memory utilization check script on Linux host, and if it's lawer than agis throw on error "Minimum of 2GB RAM is required" Verify exit code with help of: echo \$

A.) The bash script that penforms a memory atilization check on a Linux host and throws an error if available memory is lower than 1GB: NEW_TOTAL = \$ (grep Memtotal /proc/meminto lawk 10

sent \$23') in losely next

MEM_TOTAL = 9 (9 tep Nem Available /phochmeminto lacok) Eprint \$231) in 1 0 191406 grilism

if [\$ (NEM_AUAIL (1024)) - It 1024]; then (1990) his echo "Minimum of 1 GB RAM is required" cles viligens tool is two oquetal yith digits or

edno "Memory check passed". exit o

fi * We can venify the exit code of script by running and checking value of '\$1

Imemory_check. sh
echo \$9

2. Greate a backup script:

It should have configurable parameters: backup directory, list of directories to backup, database name and user. Files should be archived using tap command and compressed. Then placed in backup directory with date tag. Database should be dumped and then archived using tap command and compressed. Then placed in backup directory with the date tag. Add this script to contab.

Modify script 60 it will make separate daily and weekly backups.

And notation script so it will keep only last taigit daily backups and 4 last weekly backups.

bridge of who dies out places now see in

A) BACKUP_DIR = (path / to / backup / directory) DIRECTORIES_TO_BACKUP = (/path/to/din 1/path/to/din2) PATABAGE - NAME = databage name DATABAGE - USER = database - user -30AONACE U- grids/gayin DATE_TAG = \$ (date +1.7-1.m-1.d) JISEWEEKLY = false JIMIE JED - 9000A8 & - 915B/ if ["\$ (date + 1/4)"-eq]; then lo sin- 1] Tolor of Justekly & true endotable 10 900) 18' 009 #bockup function backupc) & sup- sup- sup- sup- sup- suplocal dir_to_backup=\$; local target-file =\$2 ton = C2f \$target_file = \$din - to -backup; echo "Backup of \$ dir_to_backup failed"! exit 1 dortion

for din in "\$ { DIRECTORIES_TO_BACKUP[@] &" b backup \$din \$BACKOP_DIR / \$DATE_TAG -\$ (baserame sdir). tak. 92 dr. - Jana Jana Jana Jana done CALLERY - CORP. - Children - CARACATAG myagldump - u \$ DATABASE - USER - P. \$ DATABASE - NAME 1 9zip - \$ BACKUP-DIR/\$DATE_TAGI-\$ DATABAGE if [\$?-ne o]; then [10- (0) + old) + 1 echo "Backup of database \$DATABASE_NAME faile!" exit 1 fi witner what # find \$ BACKUP_DIR - type f \ Grame "*. tax. 92" - 0 - name " *, eql.gz" - mtime ++-execution if ["FIS_WEEKLY"= false]; then find \$BACKUP_DIR - type f\ (-name "* -week * .ton.92"-0 -name "*-week *. 201.92") -fi echo "o o * * * /path / to /backup_acript. sh"

contrab -