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HSYCO SERVER BACKUP

HSYCO SERVER

Denne vejledning beskriver opsætning af HSYCO Server backup

INDHOLDSFORTEGNELSE

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Redigering af dette dokument er afsluttet 22.03.2019

OM DETTE DOKUMENT

Dette dokument giver systemadministratorer en beskrivelse af HSYCO serverens backup indstillinger

VAREMÆRKER

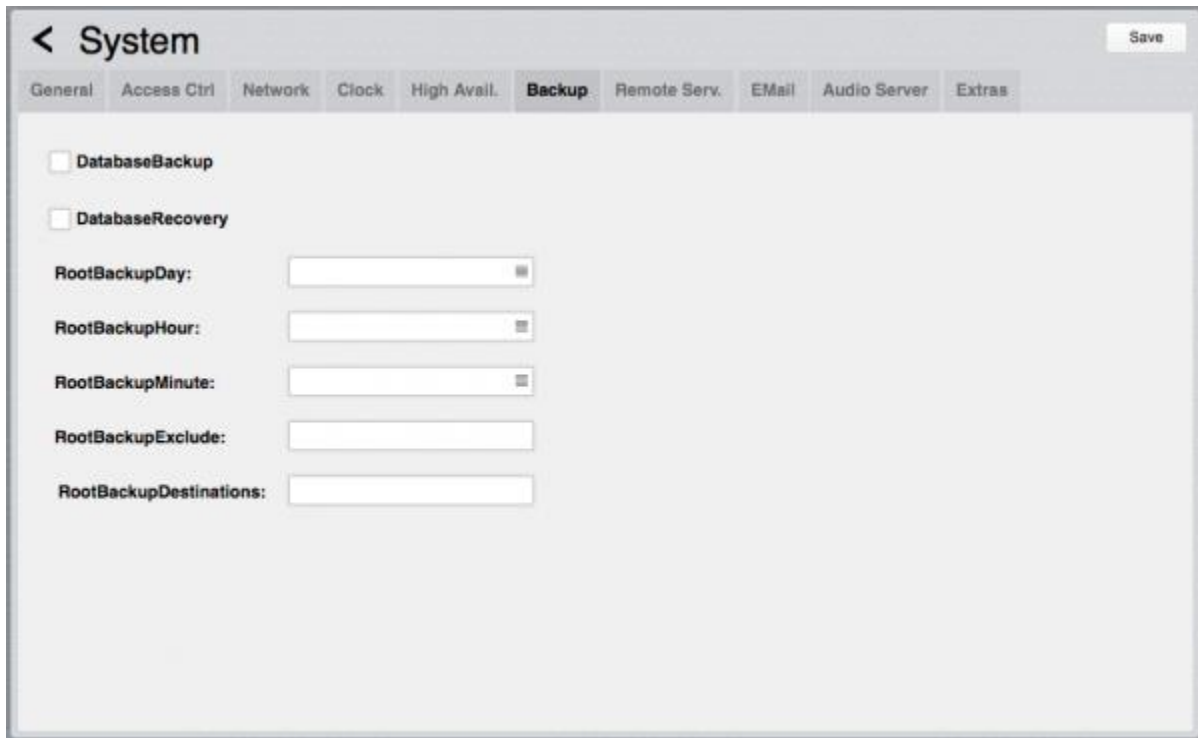
Alle varemærker der måtte være nævnt i dette materiale respekteres

VERSIONERING

Dette dokument er baseret på HSYCO grundsoftware version 3.7.x

Dette dokument har version 1.0 DK

Backup



DATABASEBACKUP

Default: false

Format: false | true

When set to true, a hot backup of the core database is automatically executed on a daily basis, saving data in the data_backup directory, and overwriting the previous backup files.

The data_backup directory can be used to restore the database. The [Database Maintenance](#) document explains how to safely perform the database restore procedure.

ONLY ONE PROCESS CAN ACCESS THE DATABASE FILES AT ANY TIME. IF YOU NEED TO ACCESS THESE FILES USING OTHER APPLICATIONS OR SQL UTILITIES, YOU SHOULD STOP THE HSYCO PROCESS, OTHERWISE ALL DATA COULD BE LOST.

DATABASERECOVERY

Default: false

Format: false | true

When set to true, and DatabaseBackup is also enabled, if an unrecoverable database error occurs at startup, HSYCO will rename the corrupted database directory to "data original" and try to recover from last backup, if available.

ROOTBACKUPDAY

Default: empty or undefined (automatic root backup disabled)

Format: *, mon, tue, wed, thu, fri, sat, sun, 1-31

Day schedule for automatic root backup:

- *: every day
- mon: every Monday (weekly schedule)
- tue: every Tuesday (weekly schedule)
- wed: every Wednesday (weekly schedule)
- thu: every Thursday (weekly schedule)
- fri: every Friday (weekly schedule)
- sat: every Saturday (weekly schedule)
- sun: every Sunday (weekly schedule)
- 1-31: on the day (monthly schedule)

ROOTBACKUPHOUR

Default: empty or undefined (automatic root backup disabled)

Format: *, 0-23

Hour schedule for automatic root backup:

- *: every hour
- 0-23: on the hour (daily schedule)

ROOTBACKUPMINUTE

Default: empty or undefined (automatic root backup disabled)

Format: 0-59

Minute schedule for automatic root backup:

- 0-59: on the minute

USING THE ROOTBACKUPDAY, ROOTBACKUPHOUR AND ROOTBACKUPMINUTE YOU CAN SET A MONTHLY, WEEKLY, DAILY OR HOURLY SCHEDULE FOR THE AUTOMATIC ROOT BACKUP.

TO SCHEDULE A SINGLE BACKUP EVERY MONTH, SET ROOTBACKUPDAY TO THE N-TH DAY OF THE MONTH, FOR EXAMPLE 1, THEN SET ROOTBACKUPHOUR AND ROOTBACKUPMINUTE TO THE PREFERRED HOUR AND MINUTE.

TO SCHEDULE A WEEKLY BACKUP, SET ROOTBACKUPDAY TO A DAY OF THE WEEK, FOR EXAMPLE SUNDAY, THEN SET ROOTBACKUPHOUR AND ROOTBACKUPMINUTE TO THE PREFERRED HOUR AND MINUTE.

TO SCHEDULE A DAILY BACKUP, SET ROOTBACKUPDAY TO "*", THEN SET ROOTBACKUPHOUR AND ROOTBACKUPMINUTE TO THE PREFERRED HOUR AND MINUTE.

FINALLY, TO SCHEDULE AN HOURLY BACKUP, SET ROOTBACKUPDAY TO "*", ROOTBACKUPHOUR TO "*" AND ROOTBACKUPMINUTE TO THE PREFERRED MINUTE.

ROOTBACKUPDESTINATIONS

Default: empty or undefined (automatic root backup disabled)

Format: comma-separated list of local or remote destination paths.

The backup file destinations.

The automatic root backup engine creates a single zip file and saves copies of it locally on the HSYCO server file system or on remote servers using the SSH secure copy protocol.

To copy the backup zip file to the local file system (including remote network storage mounted on the server's file system), simply use the absolute pathname of the destination file, for example "/backup/mybackup.zip".

To copy the backup zip file to a remote SSH server, use the following format:

```
SCP:<LOGIN>:<PASSWORD>@<HOST>:<PORT>:<PATH>
```

where:

- <login> is the remote user
- <password> is the remote user's SSH password
- <host> is the remote server's name or IP address
- <port> is the SSH port number. The port number can be omitted if the SSH service is using the standard SSH port 22. In this case the format becomes: scp:<login>:<password>@<host>:<path>
- <path> the pathname of the zip file on the remote server. The pathname can be absolute (starting with / on Unix systems) or relative to the user's home directory.

You can also use a few special parameters in the pathname to generate dynamic names based on the backup date and time:

- %date is replaced by the date and time as yyyyMMddHHmm
- %day is replace by the day of the month as two digits, from 01 to 31
- %dow is replaced by the day of week, mon-sun
- %hour is replaced by the hour of day as two digits, from 00 to 23.

Using these parameters, you will be able to create permanent log files (using %date in the path name) or rolling files (using %day, %dow or %hour) with backup files automatically overwriting older files.

Example: the following RootBackupDestinations will save one file on remote server 192.168.1.201, accessing it as user "john" with password "mypassword1", saving the file in the /hsyco_backup/ directory and with rolling names like hsyco-office-mon.zip, hsyco-office-tue.zip, etc. It will also save the backup locally, at /mnt/usb/hsyco_backup/hsyco-office.zip (this file is replaced at every new backup).

```
SCP:JOHN:MYPASSWORD1@192.168.1.201:/HSYCO_BACKUP/HSYCO-OFFICE-%DOW.ZIP,/MNT/USB/HSYCO_BACKUP/HSYCO-OFFICE.ZIP
```

ROOTBACKUPEXCLUDE

Default: empty or undefined (logs and motion directories, and the hsyco.jar file are excluded)

Format: comma-separated list of paths that should be skipped during the backup process

You can set this parameter to skip directories and files you don't need be saved in the backup zip file. If you set this parameter, it is recommended to also explicitly list logs, motion and hsyco.jar, if you don't want these in the backup.

Support

Ved den daglige betjening af Alarms Manager, kan systemet synes enkelt. Imidlertid er det ofte sådan med enkle ting, at en avanceret og kompleks opbygning dækker over den enkle fremtoning. Sådan er det med HSYCO/Alarms Manager.

HSYCO/Alarms Manager er udviklet til betjening af brugere uden dyb teknologividen. I IT miljøer, hvor vi ofte ser vores løsninger installeret, kunne vi uden tvivl have synliggjort mere af teknikken, men tænk på at Alarms Manager, netop fordi det kan benyttes til enhver form for overvågning og styring fysiske miljøer, ofte vil være benyttet i almindelige kontor- og lagermiljøer og derfor blive betjent af kontoruddannet og ikke teknisk uddannet personale.

Det er således ikke i den daglige brug af systemet, vi forventer den store support indsats. Det er mere ved installation og konfiguration af Alarms Manager at tvivlsspørgsmål typisk opstår.

TEAM MOBBIS LADER ALDRIG EN KUNDE I STIKKEN NÅR DET BRÆNDER PÅ

Producenten af HSYCO softwaren arbejder konstant på at forenkle - også den mere tekniske opsætningsprocedure. Og vi hos Team Mobbis, der har skabt idégrundlaget for Alarms Manager, har i samarbejde med HSYCO udviklerne ligeledes forsøgt at gøre betjeningen så enkel og intuitiv som vi har kunnet.

Men kort og godt. Har du mistet overblikket, eller kommet skævt ind på terminologien i Alarms Manager, kontakt da Team Mobbis.

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