

将数据库从一台Cisco M系列设备备份到另一台

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简介

本文档介绍如何将数据库(DB)从一台思科M系列设备备份到另一台。

先决条件

要求

Cisco 建议您了解以下主题：

- AsyncOS 7.2及更高版本

问题

开始将数据库备份到辅助M系列设备。

解决方案

以下是开始将数据库备份到辅助M系列设备之前的要求。

- 两个M系列设备必须位于同一AsyncOS版本（仅7.2及更高版本）
- 目标M系列设备必须有足够的磁盘空间用于备份。导航至**系统管理>磁盘管理**（请参阅有关如何在剩余磁盘时分配的联机文档）。

如果在设置期间磁盘空间不足，可能会收到类似以下消息：

```
Verifying target machine for version compatibility and disk space...
Backup cannot be scheduled. Reason: There is not enough space for Centralized
Spam Quarantine, Centralized Email Tracking, Centralized Reporting. Please increase disk
allocation for these services on the target machine.
```

或者

```
Verifying target machine for version compatibility and disk space...
Backup cannot be scheduled. Reason: There is not enough space for Centralized
```

Web Tracking. Please increase disk allocation for these services on the target machine.

检查目标计算机上前面提到的磁盘配额。

两个安全管理设备(SMA)、一个M650(名为m650sma.run的数据库系统源)和目标M1050(名为m1050sma.run的数据库系统的目标备份和IP 192.168.15.1)。

登录源M系列 (在我们的test sma1.example.com中) 上的CLI并输入以下命令 :

```
sma1.example.com> backupconfig
```

Choose the operation you want to perform:

- VIEW - View scheduled backups
- VERIFY - Verify if backup can be scheduled to a remote machine
- SCHEDULE - Schedule backup to an appliance
- CANCEL - Cancel a scheduled backup
- STATUS - Show the status of a backup in progress.
- SETUP - Configure backup parameters.

```
[ ]> setup
```

Enter level of verbosity:

```
[0]> 0 < this can be 0 or 3 0=lowest verbosity of backup logs and 3 is the highest>
```

Compression is desirable on slow connections, but will only slow down backup on fast networks. Would you like to enable compression? [N]> <hit enter here to pick default withing the brackets [N]>

Choose the operation you want to perform:

- VIEW - View scheduled backups
- VERIFY - Verify if backup can be scheduled to a remote machine
- SCHEDULE - Schedule backup to an appliance
- CANCEL - Cancel a scheduled backup
- STATUS - Show the status of a backup in progress.
- SETUP - Configure backup parameters.

```
[ ]> verify
```

Enter the IP address of a machine to transfer data to.

```
[ ]> 192.168.15.1
```

Enter a name to identify this appliance

```
[ ]> sma2.example.com
```

Please enter username and password:

Username:

```
[ ]> admin
```

Password:

```
[ ]> <enter admin password for the target SMA>
```

Verifying target machine for version compatibility and disk space...

Backup can be scheduled on to 192.168.15.1.

Choose the operation you want to perform:

- VIEW - View scheduled backups
- VERIFY - Verify if backup can be scheduled to a remote machine
- SCHEDULE - Schedule backup to an appliance

- CANCEL - Cancel a scheduled backup
- STATUS - Show the status of a backup in progress.
- SETUP - Configure backup parameters.

[> schedule

Enter the IP address of a machine to transfer data to.

[> 192.168.15.1

Enter a name to identify this appliance

[> sma2.example.com

Please enter username and password:

Username:

[> admin

Password:

[> <type the admin password on the target SMA>

Verifying target machine for version compatibility and disk space...

1. Set up a repeating backup schedule
2. Schedule a single backup
3. Start a single backup now

[1]>

1. Daily
2. Weekly
3. Monthly

[1]> 3

What day of the month would you like the backup to occur?

[1]> <hit enter here>

What time of day would you like the backup to start? Please enter in HH:MM format.

[> 02:00

Please enter a name for this backup job:

[> weekly

Backup "weekly" has been scheduled successfully.

Choose the operation you want to perform:

- VIEW - View scheduled backups
- VERIFY - Verify if backup can be scheduled to a remote machine
- SCHEDULE - Schedule backup to an appliance
- CANCEL - Cancel a scheduled backup
- STATUS - Show the status of a backup in progress.
- SETUP - Configure backup parameters.

[> view

Scheduled Backups:

```
# Name      IP              Schedule
= =====
1 weekly To 192.168.15.1 on day 1 of every month at 02:00
```

Choose the operation you want to perform:

- VIEW - View scheduled backups
- VERIFY - Verify if backup can be scheduled to a remote machine
- SCHEDULE - Schedule backup to an appliance
- CANCEL - Cancel a scheduled backup
- STATUS - Show the status of a backup in progress.
- SETUP - Configure backup parameters.

[> <hit enter until your back in CLI>

```
smal.example.com> commit
```

```
Please enter some comments describing your changes:
```

```
[ ]> scheduled a weekly backup
```

```
Changes committed: Wed Mar 16 18:09:51 2011 GMT
```

```
smal.example.com>
```