

SMA備份失敗，伺服器拒絕漫遊 — [錯誤32]中斷管道錯誤

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簡介

本文說明從來源思科安全管理裝置(SMA)到目標SMA的備份流程失敗的原因，並出現錯誤「Server denied roaming - [Errno 32] Broken pipe」。

背景資訊

確保滿足這些對備份的限制和要求：

- 相同的AsyncOS版本
- 網路上的目標SMA
- 使用安全外殼(SSH)的裝置之間的通訊
- 目標裝置的容量相同或更高
- 一次僅運行一個備份進程

問題

將資料從一個SMA備份到另一個SMA時，備份將失敗。請參閱以下備份日誌中顯示的錯誤消息：

```
Wed Jun 11 15:40:07 2014 Warning: BACKUP: Errors: ssync errors during backup to
10.7.72.15, Reason: Server denied roaming - Write failed: Broken pipe - - errors:
"[Errno 32] Broken pipe" - Wed Jun 11 15:40:40 2014 Warning: BACKUP:
Errors: ssync errors during backup to
10.7.72.15, Reason: Server denied roaming - Write failed: Broken pipe - errors:
"[Errno 32] Broken pipe"
Wed Jun 11 15:40:40 2014 Warning: BACKUP: Failed: phase One for the service: isq
Wed Jun 11 15:40:57 2014 Critical: BACKUP: FAILED: Backup job(migrace) for
mgmt2.iol.cz scheduled to start at 11 June 2014, 15:34 to 10.7.72.15 failed with errors
- tracking:Server denied roaming - Write failed: Broken pipe - - errors:
"[Errno 32] Broken pipe"
isq:Server denied roaming - Write failed: Broken pipe - - errors: "[Errno 32]
Broken pipe" - isq:Server denied roaming - Write failed: Broken pipe - errors:
```

"[Errno 32] Broken pipe".

解決方案

當系統嘗試繼續並使用已關閉的連線時，通常會發生錯誤[Errno 32] Broken pipe error。使用CLI檢查任何潛在的第2層問題，並檢視兩個SMA上etherconfig > media和netstat -ni的結果。

```
source_SMA> etherconfig
```

Ethernet interfaces:

1. Data 1 (100baseTX full-duplex:) 00:1e:c9:51:9a:20
2. Data 2 (Autoselect:) 00:1e:c9:51:9a:22
3. Management (100baseTX full-duplex:) 00:10:18:34:d4:bf

```
source_SMA> netstat -ni
```

Name	Mtu	Network	Address	Ipkts	Ierrs	Idrop	Opkts	Oerrs	Coll
Data 2	1500	< Link#1 >	00:1e:c9:51:9a:22	0	0	0	0	0	0
Mana~t	1500	< Link#2 >	00:10:18:34:d4:bf	11081531	0	0	11779530	0	0
Mana~t	1500	10.7.72.0	10.7.72.18	1746167	-	-	1870789	-	-
Data 1	1500	< Link#3 >	00:1e:c9:51:9a:20	24323550	0	0	23750730	0	0
Data 1	1500	192.168.30.0	192.168.30.252	6139415	-	-	6089676	-	-

```
target_SMA> etherconfig
```

Ethernet interfaces:

1. Data 1 (100baseTX full-duplex:) d4:ae:52:87:f4:44
2. Data 2 (Autoselect:) d4:ae:52:87:f4:46
3. Data 3 (Autoselect:) d4:ae:52:87:f4:48
4. Management (100baseTX full-duplex:) d4:ae:52:87:f4:42

```
target_SMA> netstat -ni
```

Name	Mtu	Network	Address	Ipkts	Ierrs	Idrop	Opkts	Oerrs	Coll
Mana~t	1500	< Link#1 >	d4:ae:52:87:f4:42	122700	62	0	12289	0	0
Mana~t	1500	10.7.72.0	10.7.72.15	38051	-	-	1033	-	-
Data 1	1500	< Link#2 >	d4:ae:52:87:f4:44	154093	1235	0	54906	0	0
Data 1	1500	192.168.30.0	192.168.30.245	45116	-	-	50445	-	-
Data 2	1500	< Link#3 >	d4:ae:52:87:f4:46	0	0	0	0	0	0
Data 3	1500	< Link#4 >	d4:ae:52:87:f4:48	0	0	0	0	0	0

接收(target_SMA)的裝置顯示Management和Data 1 乙太網介面上的輸入錯誤。如果檢查target_SMA所連線的交換機，您會發現SMA與Cisco交換機之間不相容。儘管自動檢測介面速度和雙工，但兩台裝置無法選擇相同的設定。SMA檢測到100baseTX全雙工，但在交換機上，只有100baseTX半雙工，必須將其配置為100baseTX全雙工。