



使用 IBM Spectrum Protect 时 FlexGroup NDMP 备份失败

https://kb-cn-stage.netapp.com/on-prem/ontap/dp/NDMP/NDMP-KBs/Flexgroup_NDMP_backup_fail_u...

Updated: Wed, 22 Apr 2026 13:03:33 GMT

适用场景

- ONTAP 9
- Flexgroup
- NDMP (网络数据管理协议)
- IBM Spectrum Protect

问题描述

- 使用 FlexVolumes 的 NDMP 备份工作正常
- 第 III 阶段的 FlexGroup NDMP 备份失败，并显示错误：`Write to socket failed`

备份日志

```
dmp Wed Mar 16 17:22:15 CET 2022 TSM /vserver/flexgroup_volume (Phase_change (I)
dmp Wed Mar 16 17:22:15 CET 2022 TSM /vserver/flexgroup_volume (Phase_change (II)
dmp Wed Mar 16 17:22:15 CET 2022 TSM /vserver/flexgroup_volume (Phase_change (III)
```

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```

dmp Wed Mar 16 17:22:16 CET 2022 TSM /vserver/flexgroup_volume (Log_msg (Write
DIRNET for BKP ID=480, type=3 failed because bkp_out is closing.
dmp Wed Mar 16 17:22:16 CET 2022 TSM /vserver/flexgroup_volume (Error (Write to
socket failed
dmp Wed Mar 16 17:22:17 CET 2022 TSM /vserver/flexgroup_volume (Tape_close (ndmp)
dmp Wed Mar 16 17:22:17 CET 2022 TSM /vserver/flexgroup_volume (Log_msg (Flush
DIRNET called on error = 4.
dmp Wed Mar 16 17:22:17 CET 2022 TSM /vserver/flexgroup_volume (Abort (8 MB, 3 secs,
2 MBps)
dmp Wed Mar 16 17:22:17 CET 2022 TSM /vserver/flexgroup_volume (Error (DUMP IS
ABORTED

```

NDMP 日志

```

Wed Mar 16 2022 17:22:16 +01:00 [kern_ndmpd:info:8177] [91470] DEBUG: S<BKUP
(ndmp_server) BR2NDMPD_LOG_MESSAGE
Wed Mar 16 2022 17:22:16 +01:00 [kern_ndmpd:info:8177] [91470] DEBUG:
sess_handle 0x40600000002 seq 17 (0x11)
Wed Mar 16 2022 17:22:16 +01:00 [kern_ndmpd:info:8177] [91470] DEBUG: log_type 2
(LOG_TYPE ERROR)
Wed Mar 16 2022 17:22:16 +01:00 [kern_ndmpd:info:8177] [91470] DEBUG: msg (DUMP:
Error: Write to socket failed\n)
Wed Mar 16 2022 17:22:16 +01:00 [kern_ndmpd:info:8177] [91470] DEBUG: S>BKUP
(ndmp_server) BR2NDMPD_LOG_MESSAGE
Wed Mar 16 2022 17:22:16 +01:00 [kern_ndmpd:info:8177] [91470] DEBUG:
COMMON_State::posts_log_message called
Wed Mar 16 2022 17:22:16 +01:00 [kern_ndmpd:info:8177] [91470] DEBUG: DMA<<S V4
sequence=180 (0xb4)
Wed Mar 16 2022 17:22:16 +01:00 [kern_ndmpd:info:8177] [91470] DEBUG:
Time_stamp=0x62320eb8 (Mar 16 17:22:16 2022)
Wed Mar 16 2022 17:22:16 +01:00 [kern_ndmpd:info:8177] [91470] DEBUG: message
type=0 (NDMP4_MESSAGE_REQUEST)
Wed Mar 16 2022 17:22:16 +01:00 [kern_ndmpd:info:8177] [91470] DEBUG:
message_code=0x603 (NDMP4_LOG_MESSAGE)
Wed Mar 16 2022 17:22:16 +01:00 [kern_ndmpd:info:8177] [91470] DEBUG:
reply_sequence=0 (0x0)
Wed Mar 16 2022 17:22:16 +01:00 [kern_ndmpd:info:8177] [91470] DEBUG:
error_code=0 (NDMP4_NO_ERR)
Wed Mar 16 2022 17:22:16 +01:00 [kern_ndmpd:info:8177] [91470] DEBUG: log_type=2
(NDMP4_LOG_ERROR)
Wed Mar 16 2022 17:22:16 +01:00 [kern_ndmpd:info:8177] [91470] DEBUG:
message_id=15 (0xf)
Wed Mar 16 2022 17:22:16 +01:00 [kern_ndmpd:info:8177] [91470] DEBUG:
entry='DUMP: Error: Write to socket failed\n'

```