MySQL Instance with a Non-Default tmp Directory

Symptom

MySQL's `tmp` space may be filled up under certain circumstances. The `tmp` directory may have limited space if it is put in a non-default location. CDP does not restore all necessary files, and the task fails.

1. Log in to CDP Server.
2. Click "Recovery Points" in the main menu.
3. Select the Agent and the Disk Safe.
4. Select the databases.
5. Click "Restore Selected."
6. Click "Temporary Instance," and then select "Specify an Alternate Temp Directory."
7. Provide a "Temp Directory," e.g., `/temporal250mb`, with no more than 250 MB of free space.
8. Click "Restore."
9. Review the logs during file restoration.
10. CDP does not restore all necessary files, and the task fails.
11. Review Agent logs:

```
ERROR],[10.230.106.211:49211],File not restored: '/temporal/r1soft-mysql-restore-tmp-58325331-6c6d-4366-8e8a-505f776b4566/bInnoDB9/table130
ERROR],[10.230.106.211:49211],file restore error: File System Full ! Restore aborted
12. Review Server Logs
ERROR - TASK(10.230.106.204-Restore Databases)-AGENT: File not restored: '/temporal/r1soft-mysql-restore-tmp-58325331-6c6d-4366-8e8a-505f
WARN - TASK(Restore Databases): Error restoring file '/var/lib/mysql/bInnoDB9/table1301.frm' Error sending file data
```

Current Result:

There is no reduction when the `tmp` directory has limited space; the task fails.

Resolution

The issue has been corrected in CDP 4.0.0.

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