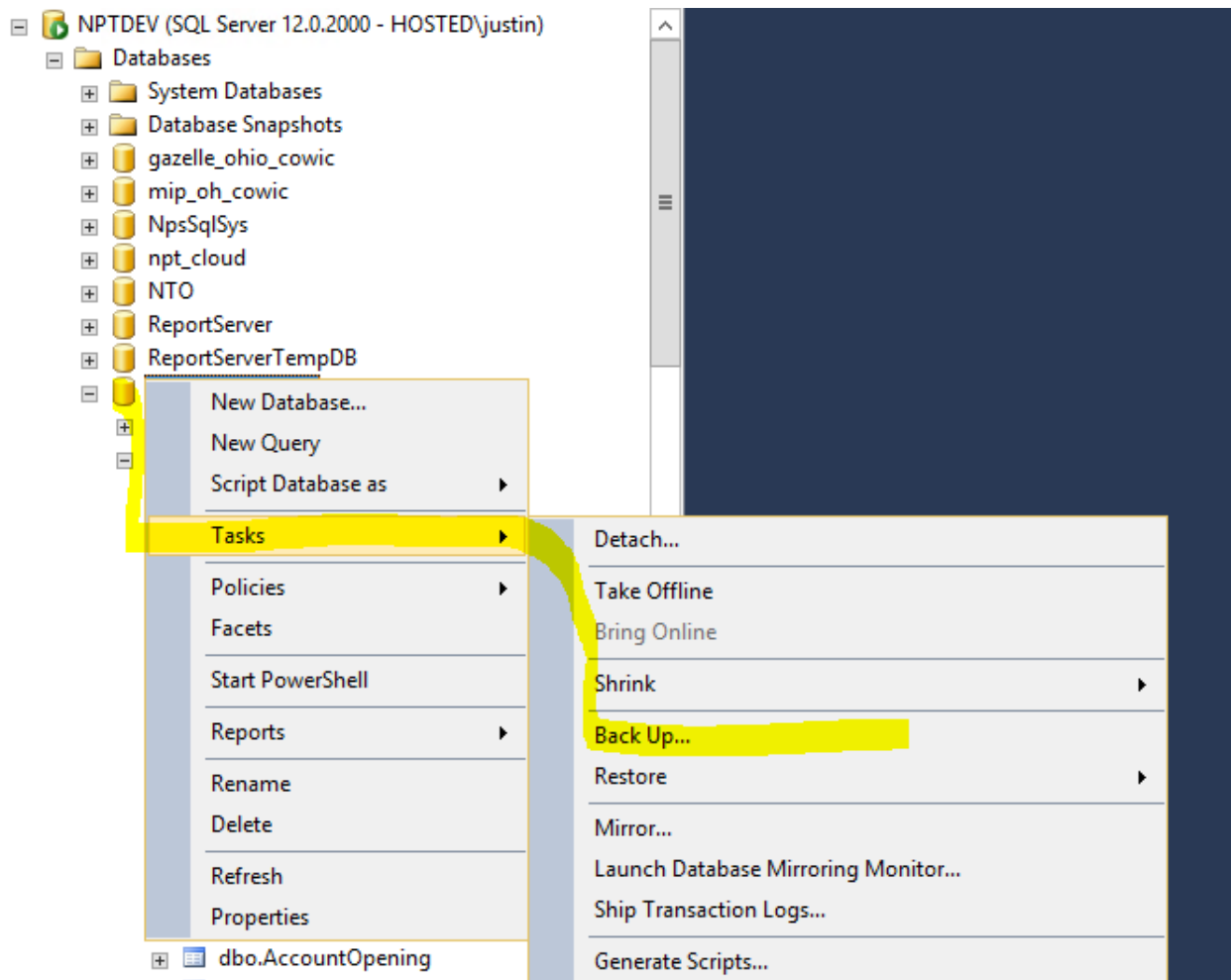


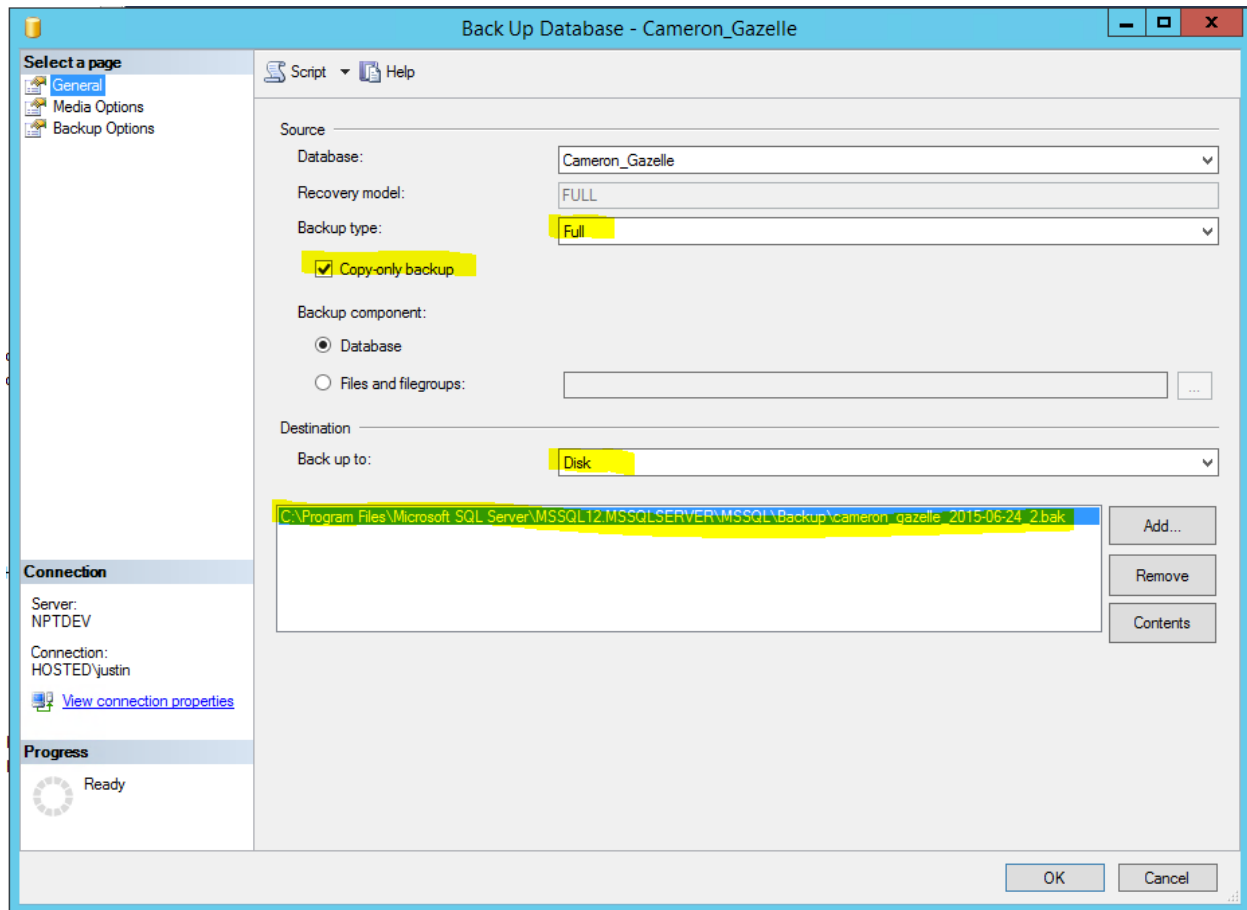
Creating an out-of-band SQL database backup

This document shows you how create an out-of-band database backup that won't affect the existing backup media sets and log chains. This example is from SQL 2014, other versions may have the Reliability and Compressions settings on the same tab. Some versions of SQL Server don't support backup compression.



<<VERY IMPORTANT>> Make sure that “Copy-only backup” is checked.

Checking the box creates an out-of-band backup that doesn’t affect the log chain for the normal scheduled backups.



Back Up Database - Cameron_Gazelle

Select a page

General

Media Options

Backup Options

Script

Help

Overwrite media

☒ Back up to the existing media set

☒ Append to the existing backup set

☐ Overwrite all existing backup sets

☐ Check media set name and backup set expiration

Media set name:

☐ Back up to a new media set, and erase all existing backup sets

New media set name:

New media set description:

Reliability

☒ Verify backup when finished

☒ Perform checksum before writing to media

☐ Continue on error

Transaction log

☐ Truncate the transaction log

☐ Back up the tail of the log, and leave the database in the restoring state

Tape drive

☐ Unload the tape after backup

☐ Rewind the tape before unloading

Connection

Server:
NPTDEV

Connection:
HOSTED\justin

[View connection properties](#)

Progress

Ready

OK

Cancel

The screenshot shows the 'Back Up Database - Cameron_Gazelle' dialog box. The 'General' tab is active. The 'Backup set' section has 'Name: Cameron_Gazelle-Full Database Backup'. The 'Backup set will expire:' section has 'After: 0 days' selected. The 'Compression' section has 'Set backup compression: Compress backup' selected. The 'Encryption' section has 'Encrypt backup' unchecked. The 'Connection' section shows 'Server: NPTDEV' and 'Connection: HOSTED\justin'. The 'Progress' section shows a 'Ready' status. The 'OK' button is highlighted.

Then click the OK button to start the backup.

Here's the SQL for the above backup procedure...

```
--back up
BACKUP DATABASE [Cameron_Gazelle] TO DISK = N'C:\Program Files\Microsoft SQL
Server\MSSQL12.MSSQLSERVER\MSSQL\Backup\cameron_gazelle_2015-06-24_2.bak' WITH
COPY_ONLY, NOFORMAT, NOINIT, NAME = N'Cameron_Gazelle-Full Database Backup', SKIP,
NOREWIND, NOUNLOAD, COMPRESSION, STATS = 10, CHECKSUM
GO

--verify the backup
declare @backupSetId as int
select @backupSetId = position from msdb..backupset where
database_name=N'Cameron_Gazelle' and backup_set_id=(select max(backup_set_id) from
msdb..backupset where database_name=N'Cameron_Gazelle' )
if @backupSetId is null begin raiserror(N'Verify failed. Backup information for database
'Cameron_Gazelle' not found.', 16, 1) end
```

```
RESTORE VERIFYONLY FROM DISK = N'C:\Program Files\Microsoft SQL  
Server\MSSQL12.MSSQLSERVER\MSSQL\Backup\cameron_gazelle_2015-06-24_2.bak' WITH FILE =  
@backupSetId, NOUNLOAD, NOREWIND  
GO
```