

# SQL Schema Compare Command Line Creating a Snapshot

You can choose to save the database structure to a snapshot file before comparing and synchronizing the database schema. To do this, check **Take a snapshot of the database before synchronization**, and then specify a snapshot file.

The screenshot shows the 'Idera Schema Compare Command Line Wizard' window. The 'Database Settings' tab is active, and the 'Snapshot Database' sub-tab is selected. The 'SQL Server' is set to 'DEVSRV003\SQL2019'. Authentication is set to 'Windows Authentication'. The 'Database' is 'AdventureWorks'. The 'Snapshot filename' is 'D:\QA\Idera\SqlSchema\Snapshots\AdventureWorks.snpx'. The checkbox 'Take a snapshot of the database before synchronization' is checked. The 'Advanced Settings' section shows 'Connection timeout' at 15 seconds, 'Query timeout' at 1200 seconds, 'Network protocol' as 'Default', and 'Network packet size' as 0. The 'Other connection settings' field is empty. The 'Previous', 'Next', and 'Exit' buttons are visible at the bottom.

Below is the xml fragment generated when you choose to save the database to a snapshot file.

```
<RightDatabase>
  <SqlServer>DEVSRV003\SQL2019</SqlServer>
  <DatabaseName>AdventureWorks</DatabaseName>
  <TrustedConnection>true</TrustedConnection>
  <SaveToSnapshotFile>D:
  \QA\Idera\SqlSchema\Snapshots\AdventureWorks.snpx<
  /SaveToSnapshotFile>
</RightDatabase>
```

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