

Manitou Core - SQL Query - Manual Replication Scripts (Part 1)

01/02/2024 6:32 pm EST

This is the first part of two scripts that are needed to manually setup replication. This first script will create the distribution database and is required before running [Manual Replication Scripts \(Part 2\)](#).

Please Note: There are items in this script that must be changed to match the system it is being ran on. Specifically, @Active, @Standby, and @Computer3 variables will all need to be changed to reflect the proper hostnames of the SQL Servers in replication.

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-- Configure Distributer Server and Distribution Database for SQL Server Replication
--
-- This script must be run on the server that will act as the distributer. In a typical two server system this
-- will be the standby server. You must set the server name variables below.
--
-- Rev 1.0 4/11/06 RH, Bold Technologies Ltd.
-- Rev 1.1 2/8/07 RH
-- Added server options for replication and Log Monitor
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DECLARE @DistSQLServer SYSNAME, @SQLServer1 SYSNAME, @SQLServer2 SYSNAME, @SQLServer3 SYSNAME, @DistSer
ver SYSNAME, @Active SYSNAME, @Standby SYSNAME, @Computer3 SYSNAME

-- REQUIRED:
-- If a server doesn't exist leave name empty (")
SET @Active = 'TECH-01' -- Windows server names of computers that will be publishers
SET @Standby = 'QA-03'

-- OPTIONAL:
SET @Computer3 = ""
SET @SQLServer1 = @Active -- If not using default instance you can change the
SET @SQLServer2 = @Standby -- SQL Server instance name to something other than
SET @SQLServer3 = @Computer3 -- the Windows server name Ex) @SQLServer1 = 'SERVERNAME\SQLNAME'
SET @DistServer = @Standby -- Windows server name hosting the distributer
SET @DistSQLServer = @SQLServer2 -- SQL instance that will act as the distributer server

-- END USER CONFIGURATION
-----

DECLARE @SnapshotDir varchar(200)

-- Make the local server a distribution server
IF (@DistSQLServer <> "" AND @Active <> "" AND @Standby <> "")
BEGIN
EXEC master..sp_adddistributor @distributor=@DistSQLServer, @password = 'Man1t0uDist4but!0n'
EXEC master..sp_adddistributiondb @database= 'Distribution'

-- Allow the following server to be publishers
SET @SnapshotDir = '\\'+@DistServer+'\C$\Snapshot'
EXEC master..sp_adddistpublisher @publisher = @SQLServer1, @distribution_db = 'Distribution', @security_mode = 1, @
working_directory = @SnapshotDir
SET @SnapshotDir = '\\'+@DistServer+'\C$\Snapshot'
EXEC master..sp_adddistpublisher @publisher = @SQLServer2, @distribution_db = 'Distribution', @security_mode = 1, @
```

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EXEC master..sp_adddistpublisher @publisher = @SQLServer2, @distribution_db = 'Distribution', @security_mode = 1, @
working_directory = @SnapshotDir
IF (@Computer3 <> '')
BEGIN
    SET @SnapshotDir = '\\'+@Computer3+'\\C$\\Snapshot'
    EXEC master..sp_adddistpublisher @publisher = @SQLServer3, @distribution_db = 'Distribution', @security_mode = 1, @
working_directory = @SnapshotDir
    END
END
ELSE
    PRINT 'ERROR: You must set @DistSQLServer, @Active and @Standby'

GO
-- Set some server options any time this script is run
-- just to make sure that they are set
-- RH 2/8/07
EXEC master..sp_configure 'show advanced option', '1'
GO
EXEC master..sp_configure 'max text repl size', 2147483647
GO

RECONFIGURE
GO
```