
*Project Name: Database Replication between VOIP Servers
Company: Telehop Communications Inc.*

Scope:

This document is designed to provide process guidelines to implement replication between two VOIP database Servers

Project Details:

Key Persons : Database Administrator
Start Date : 10-June-2008
End Date : 10-June-2008

Replication Details:

PUBLISHER : 10.168.55.132 - VOIPDBSVR
Replication Database - BroadTalk

SUBSCRIBERS : 10.168.55.133 - VOIPDBBKP
Replication Database - BroadTalk

192.168.10.94 - TestDB
Replication Database - BroadTalk

REPLICATION : Transactional - Continuous

Considerations:

- Check for tables without any primary key on VOIPDBSVR
- Since both the servers were not on same domain, create a shared folder on VOIPDBSVR and give full rights to this folder for everyone. Once created specify this folder path (for eg: \\10.168.55.132\<shared folder name>) as snapshot location for replication.
- Create replication of those objects only that are required. Do not include temp tables in replication.
- If both the DB Servers are not on same domain, always use 'SQL Authentication' to connect them & for linked server credentials.
- All the three servers should have been connected with each other thru Linked Server connection using SQL Authentication (only if all are not on same domain). Also check 'hosts' file under C:\Windows\System32\Drivers\etc\. This file contains all the information of linked servers. Verify that this file has all the server names and their IPs.

Process:

- Configure VOIPDBSVR for replication

- Create BroadTalk publication on VOIPDBSVR Server and add articles
- Create Subscription for BroadTalk db on VOIPDBBKP Server
- Create Subscription for BroadTalk db on TestDB Server
- Modify the snapshot folder to point towards shared folder with full rights
- Verify the replication

Conclusion:

The process was completed successfully.