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## **Enabling Replication**

To enable TapeTrack High Availability Replication:

## **Steps On Remote Server**

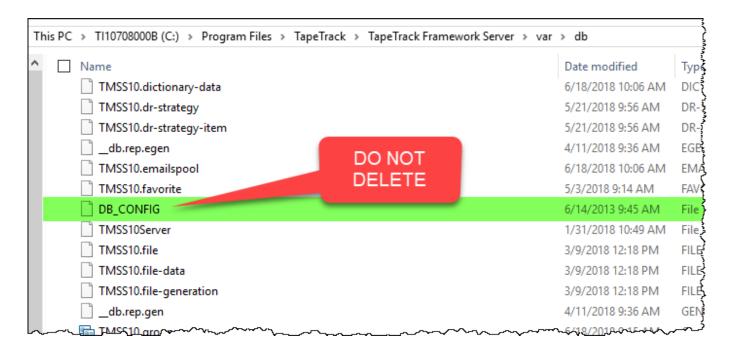
Install the TapeTrack Framework Server software on your remote machine.

Stop the service on the remote machine.

Delete all database files on the remote machine (all files in the var/db directory except the DB CONFIG file).



Do Not delete the DB CONFIG file.



Edit the DB CONFIG file and remove the comments (#'s) to make the machine a Replicant.

```
| DB_CONFIG-Notepad | File Edit Format View Help | set_verbose DB_VERB_WAITSFOR | # | #rep_set_priority 1 | #repmgr_site replicant-1.tapetrack.com 5010 | #repmgr_site master.tapetrack.com 5010 | db_local_site on db_group_crea | # | Optional settings | # | #rep_set_config DB_REP_CONF_BULK on | #rep_set_config DB_REP_CONF_AUTOINIT off | # | # | #rep_set_priority 0 | #repmgr_site replicant-1.tapetrack.com 5010 | db_local_site on | #repmgr_site master.tapetrack.com 5010 | db_bootstrap_helper on | #rep_set_config DB_REP_CONF_BULK on | #rep_set_config DB_REP_CONF_
```

Edit the replication local and remote host names in the DB\_CONFIG file.

- Replace replicant-1.tapetrack.com 5010 with the domain name (or IP address) of your replicant server.
- Replace master.tapetrack.com 5010 with the domain name (or IP address) of your master server.

```
*DB_CONFIG - Notepad
File Edit Format View Help
set verbose DB VERB WAITSFOR
#
#rep set priority 1
#repmgr site replicant-1.tapetrack.com 5010
#repmgr site master.tapetrack.com 5010 db local site on db group cre
# Optional settings
#rep set config DB REP CONF BULK on
#rep set config DB REP CONF AUTOINIT off
#
#
rep set priority 0
repmgr site RRR.RRR.RRR.RRR 5010 db local site on
repmgr site MMM.MMM.MMM 5010 db bootstrap helper on
rep set config DB REP CONF BULK on
```

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Ensure that the replication TCP/IP ports specified in the DB\_CONFIG file are open for inbound connections.

- 1. Start the TapeTrack service on the remote machine.
- 2. Stop the TapeTrack service on the primary TapeTrack server.
- 3. Edit the DB CONFIG file to define the local and remote server.
- 4. Ensure that the replication TCP/IP ports are open for inbound connections.
- 5. Start the primary TapeTrack server.
- 6. Look in the \$DB\_Msg.txt file on both the primary and replicant server to ensure that replication is functional.



Ensure that all firewall ports are open to allow the replication traffic to pass between the replicants.



The replication communications are not encrypted so if replication is enabled you should ensure that all machines that are replicated are in a trusted network or connected via a secure VPN connection.

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