# FRS to DFRS Migration

## Prerequisites

* Insure **SysVolReady** value is set to 1. If it is and SYSVOL is still not sharing, set it back to 0, and then to 1 again. This value can be found in the registry at **HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\Netlogon\Parameters**
* To check if SYSVOL is sharing, use **net share** command and make sure it appears.
* Run **dcdiag** and make sure there are no DNS errors.
* Make sure there is no replication issues by using the **repadmin /replsum** command.

## Migration

* Use **dfsrmig /getmigrationstate** to verify all DCs are in a consistent state
* To start the migration process, use the command **dfsrmig /setglobalstate 1** to proceed to the Prepared state
* Periodically use **dfsrmig /getmigrationstate** to check the state of the migration. **Do not** proceed until all DCs are in a consistent state.
* If the DCs get stuck on **Waiting for initial sync** then use **repadmin /syncall Aped** to force synchronization. You may have to do this a few times, and the entire process may take up to an hour. You can verify progress is being made if you can see the **SYSVOL\_DFRS** folder and additions being made to it.
* Once all DCs are in a consistent state, use the **dfsrmig /setglobalstate 2** command to proceed to the Redirected state.
* Use **dfsrmig /getmigrationstate** until you can confirm all DCs have reached the same state.
* Once all DCs are in the redirected state, use **dfsrmig /setglobalstate 3** to set the DCs to the final state, the eliminated state. This state is **irreversible**.
* Use **dfsrmig /getmigrationstate** until you can confirm all DCs have reached the eliminated state. This completes the migration process.