

DATA MIGRATION CHECKLIST

1. Identify hosts for migration
2. Collect migration host data (host audit)
3. Collect array data (array audit)
4. Collate zoning and masking information
5. Correlate all data
6. Migration and destination remediation analysis
7. Host remediation
8. Document source and target array software versions and compatibility
9. Configure source and target array to facilitate migration
10. Create relationship between source and target array
11. Collect all hosts' storage configurations: installed OS, cluster status, DR partner
12. Collect each array's configuration: RAID, FA port configuration, local and remote replication status
13. Collect SAN fabric configuration (directors, switches, gateways) and oversubscription details per port (fan-in/out ratios)
14. Plan storage layout at target arrays
15. Create migration configuration and pairing scripts for source and target array
16. Create FA port mapping and target array LUN assignment configuration scripts
17. Create target array LUN masking scripts
18. Create device alias scripts
19. Prepare host to target array's SAN zoning
20. Group migration hosts in cooperation with business units
21. Update all operational backup and recovery scripts
22. Perform host audit prior to migration
23. Create-run R1 to R2 relationship pairing scripts
24. Create-run target array mapping and masking scripts
25. Apply host zoning configurations
26. Confirm host connections at target array
27. Commence data migration to new array
28. Snap, replicate or back up all old host configurations
29. Quiesce (stop) apps, then shut down hosts
30. Create-run scripts that split new Array 1 and Array 2 relationship once data has been synced
31. Bring hosts back up to check and validate data
32. Restart applications
33. Get business units to sign off data migration as complete
34. Check for any activity on old arrays
35. Create-run scripts to delete Array 1 and Array 2 relationship
36. Create-run scripts to unmap devices from FAs on source array
37. Create-run scripts to dissolve meta configurations on source arrays
38. Create-run scripts to unmask source devices from migrated hosts
39. Reboot hosts, confirm new target devices' visibility
40. Clean up zones and remove all unused zones
41. Final login table check on old arrays
42. Update device groups if used
43. Report and update documentation process