Supplement of EXPRESSCLUSTER/Windows Server Failover Clustering Environment

A link down between Network Controller/Fibre Channel Controller and Storage Device temporarily occurs after installing Standard Program Package on Window Server.

When you install Standard Program Package to EXPRESSCLUSTER or Windows Server Failover Clustering (WSFC) environment, please see this document to install it.

1. EXPRESSCLUSTER Environment

1. When the group is operating in the server (hereafter referred to as Server), move the group to another server.

2. Change the settings for the EXPRESSCLUSTER Server service of Server to manual start.

3. Restart Server.

4. Install the Standard Program Package and restart Server.

5. Set the configuration for the EXPRESSCLUSTER Server service of Server back to automatic start, and restart Server.

6. When Auto Recovery is configured as Off in Properties of the cluster, right-click Server in WebManager to select Recover.

7. Migrate the group if necessary.

2. WSFC Environment

1. When the following cluster resources are owned by a server (hereafter referred to as Server), move the resources to another server.
   - cluster core resource
   - cluster shared volume
   - role

   Note: If you stop Cluster Service without moving resources, failover will occur and resources will temporarily stop.

2. Change the settings for the Cluster Service of Server to manual start, and stop the service.
   ***** Starting maintenance *********

3. Install the Standard Program Package and restart Server.
   ***** Finish maintenance *********

4. Change the settings for the Cluster Service of Server to automatic start, and start the service.

5. On "Failover Cluster Manager", if the status of Server (node) is "Quarantined", run the following procedure. If you do not need resolving "Quarantined" now, go to step 6.
   Note: It takes several minutes while returning to "Up" status.
        If the cause of "Quarantined" is not removed, you cannot return to "Up" state with following procedure.

   5-1. Open Powershell with Administrators privilege.
   5-2. Run the following command from one of the cluster node.
      Start-ClusterNode -ClearQuarantine "server (node) name"
   5-3. Wait until "Up" state of Server on "Failover Cluster Manager" screen.

6. Run "Validate Cluster" on "Failover Cluster Manager" and check if a failure in "Failover Cluster Validation Report" does not appear.

7. Move the following cluster resources to Server if necessary.
    - cluster core resource
    - cluster shared volume
    - role