How to Mirror an EFT HA (Active-Active) Cluster to another EFT HA (Active-Active) Cluster Manually

THE INFORMATION IN THIS ARTICLE APPLIES TO:

- EFT, v7.1.1.11 and later

DISCUSSION

EFT Enterprise version 7.1.1.11 when running on HA mode (Active-Active) provides a mechanism for Backing up its configuration, however does not provide a point-and-click restore process. (This is "as designed" in this version.) There could be some situations that you might want to mirror from one EFT cluster to another, for example onto a DR site.

The **EFTUtils.exe** (a.k.a EFT migration tool) can provide a mechanism to sync or import/export specifics parts of the configuration via COM API and can be run on a schedule. However this article provides an alternative process that can be performed manually.

Prerequisites

- Primary EFT Enterprise running on HA (Active-Active)
- Destination EFT Enterprise running on HA (Active-Active)

You must have the two clusters already installed and configured. Please refer to https://kb.globalscape.com/KnowledgebaseArticle11146.aspx on how to install/upgrade EFT in a cluster

Here is the process:

1. Stop all **EFT nodes** in your DR cluster.
2. Make a **backup** of your current Share and all node's local EFT Configuration paths on your DR cluster. You can copy the entire directory to another destination using Windows File Explorer.
3. **Remove all files/directories** from EFT configuration paths for your shared and local node's paths for your **DR cluster**.
4. **Copy all files and subfolders** from the EFT configuration **shared** path of your **source cluster** (e.g. Production cluster) into your **EFTDR shared configuration path**.
5. Copy the **EFT DR shared configuration** path into each local **EFT configuration path** for each node.
6. **Start** one EFT Enterprise service in on DR node.
7. **Connect** to EFT Service using the EFT administration interface and stop all EFT sites.

8. **Start** the remaining EFT Enterprise windows services for the rest of the DR nodes.
9. **Change** the **logging setting** to point to the new location and change **ARM Settings** to point to the appropriated Database server id ARM is using.
10. **Change** the **DMZ Gateway** settings to connect to the correct DMZ server if DMZ is used.
11. **Logout** from EFT administration interface
12. **Connect** EFT using the EFT administration interface to the second node to change **DMZ settings**. Remember these settings are node specific and are stored in the node's registry.
13. **Logout** from EFT administration interface.
14. **Repeat #12** for each remaining node in the cluster. And remember that you have to log out from the EFT administration interface on each node before connecting to the next node.

This document describes a generic process for a particular needs and it is provided "as is"; there is no warranty and there is no support associated with this. This also doesn't guarantee that it will work or you won't have any problems. Remember that each environment is different and unique. This article only describes a process that has been done and has been working in general for other customers. It is advised that you test this process first and make sure this meets your needs.

If you have any questions, please contact our tech support team or our Professional Services team.

GlobalSCAPE Knowledge Base
https://kb.globalscape.com/Knowledgebase/11216/How-to-Mirror-an-EFT-HA-Acti...