Promote Stand-Alone EFT to HA node

THE INFORMATION IN THIS ARTICLE APPLIES TO:

- EFT v8.0.5 and later

This procedure can only be performed on EFT v8.0.5 and later. If you are using a version prior to that, you must first upgrade to v8.0.5, then run the installer again with the Promote to HA cluster option selected, and follow the procedure below. Please read all steps before you begin.

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> Set up a load balancer according to the vendor's documentation.

> Make sure the node that you are installing on has access to a shared resource disk. Refer to KB #11337, Creating a symbolic link to a network share for EFT shared config and #11260, Change the path to the shared configuration folder, if needed.

DISCUSSION

The procedure below describes how to promote a stand-alone EFT to an HA Cluster. You must have Administrator privileges on the computer to perform this procedure.

	Steps
☐	Run the EFT installer on the node that has access to the clustered (shared resource) disk. Follow the prompts and refer to "Installing the Server, Interface, and Modules" in the EFT help documentation, if necessary.
☐	On the **EFT <version> Detected** page of the wizard, click **Promote to HA cluster**, then click **Next**.
☐	A message appears asking you to confirm that you have read, understood, and followed the steps documented

	in the cluster documentation. Click **Yes** to continue.
☐	A message appears stating that "the installer will need to enable some features of Microsoft Message Queuing (MSMQ)." Click **Yes**. It can take several minutes for MSMQ to be enabled. (Refer to the topic in the EFT help documentation EFT HA (Active-Active) Deployment for important information about MSMQ/multicasting and HA.)
☐	On the **Choose Shared Settings Location** page, specify the Shared configuration Data Path (external to your local physical drive), and then click **Next**. (EFT must have permission to access the shared location.) Installation will begin.
☐	Click **Next**. On the final page of the installer, click **Finish**. (Do **not** start the service yet.)
☐	Edit the EFT server service property to set the service to login with Administrator privileges. (The default is "Local System Account." You need to specify an administrator account.)
☐	By default, HA is configured for multicast. Edit the **AdvancedProperties.json** file to turn on point-to-point communication (msmq-iterative).
☐	Copy the secure certificates (SSL,SSH) to the shared configuration path.
☐	Copy the **InetPub** folder structure to the shared configuration path.
☐	Create the **Logs** folder in the shared configuration path.
☐	Start the EFT server service and log in to the EFT administration interface.
☐	In the **SSL Certificate Settings** dialog box (**Server > Site > Connection tab, SSL certificate settings > Configure**), change the SSL **Certificate** and **Private** key paths to point to the shared configuration folder.
☐	On the **Server > Log** tab, change the path to the shared configuration with %SERVER.NODE_NAME% appended to path (`\haconfig\%SERVER.NODE_NAME%`).
☐	On the **Server > Site > General** tab, update the **Site root folder** path to the shared configuration folder.
☐	For the second and subsequent nodes, perform a fresh Active-Active cluster installation, with each node pointing to the same shared configuration path

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