

## Advanced Properties for HA server drain and coherence

### THE INFORMATION IN THIS ARTICLE APPLIES TO:

- EFT v7.4.2 and later
- **EFT v4.x to v7.4.x** stores advanced properties in the registry.

EFT v8.0 and later store Advanced Properties in a JSON file. When you upgrade from EFT v7.4.x to EFT v8, the non-default settings that you have defined in the registry will be added to the Advanced Properties file during upgrade. (Default settings become part of the EFT configuration files.) For a more on how to use advanced properties, and a spreadsheet of the advanced properties, please refer to the "Advanced Properties" topic in the help for your version of EFT.

### DISCUSSION

Use the following advanced properties for HA server drain and coherence.

#### In EFT v8 and later:

Add the name:value pair to the AdvancedProperties.JSON file in EFT's \ProgramData\ directory as described in the "Advanced Properties" topic in the online help for your version of EFT.

```
{  
  "name": value  
}
```

#### In versions prior to v8.0:

Add the advanced properties  
to **HKEY\_LOCAL\_MACHINE\SOFTWARE\Wow6432Node\GlobalSCAPE  
Inc.\EFT Server 7.4\**

#### **DrainingTimeoutSecs**

**Type:** uint32\_t

**Default Value:** 900

**Minimum Value:** 0

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**Maximum Value:** 86400

**Description:** Draining timeout in seconds to allow for ongoing event rules and transfers to complete. Default is 900 seconds (15 minutes). Maximum is 86400 seconds (24 hours).

### **ClusterOutOfSyncHealSecs**

**Type:** uint32\_t

**Default Value:** 60

**Minimum Value:** 0

**Maximum Value:** 4294967295

**Description:** Amount of time in seconds that an HA node will wait for incoming administrative messages to arrive before declaring itself to be out-of-sync with the cluster and initiating draining and restart. Default is 60 seconds. A value of 0 disables auto-draining. Note: this time includes an upfront grace period set via ClusterOutOfSyncGracePeriodSecs.

### **ClusterCoherenceQueueMsmqType**

**Type:** string

**Default Value:** msmq-multicast

**Max Length:** 128

**Description:** Determines the type of coherence queue to use when using MSMQ. msmq-multicast uses multicast-based MSMQ queues to send administrative updates. msmq-iterative uses point-to-point MSMQ queues over TCP. Default value is set to msmq-iterative in v8.3x.

### **ClusterCoherenceQueueDetectPrivateIP**

**Type:** string

**Default Value:** autodetect

**Max Length:** 128

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**Description:** Determine whether to automatically detect private IP to advertise to other nodes. Default value is "autodetect". You can replace "autodetect" with the prefix of the IP address to find (e.g: "192.168" to match an IP address starting with 192.168).

### HaErrorHandlerDrainServer

**Type:** bool

**Default Value:** false

**Description:** When HaErrorHandler is recovering from an error, should it drain the server before restarting? Default value is false.

### ShutdownHttpsListenerOnDrain

**Type:** bool

**Default Value:** false

**Description:** Determines if EFT should shutdown the HTTP/S server socket(s) immediately upon entering draining. 1 shutdowns listeners immediately, 0 leaves them open. Default value is 0 to leave HTTP/S listeners open to accommodate WTC chunking.

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```

GlobalSCAPE Knowledge Base

<https://kb.globalscape.com/Knowledgebase/11391/Advanced-Properties-for-HA-s...>