

How can I limit the number of event rule subroutines running?

**THE INFORMATION IN THIS ARTICLE APPLIES TO:**

- EFT v8.x

**QUESTION**

How can I limit the number of event rule subroutines running?

**ANSWER**

The number of event rule subroutines running can be limited by setting the following advanced properties in the [AdvancedProperties.json](#).

**Asynchronous subroutine global number of threads running**

To specify the maximum number of simultaneous asynchronous event rule subroutines running (per server), add:

RunningAsyncSubroutinesLimit

The default is "10"; "0" = no limit

**Asynchronous subroutine queue size per-site**

To specify the maximum number of asynchronous event rule subroutines that may be queued (per site) before dropping new subroutine, add:

QueuedAsyncSubroutinesLimit

The default is "0", which means no limit; enter a non-zero value to limit it.

**To force subroutine to wait until an AWE task completes, make sure that:**

- Subroutines are called asynchronously (i.e., the caller rule HAS NO IF FAILED section when calling subroutine)
- AWE tasks are called synchronously (i.e., subroutine has IF FAILED section when calling

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workflow.

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