**SWF**

* Simple Workflow Service(SWF) is a web service that makes it easy to coordinate work across distributed application components
* Create distributed asynchronous systems as workflows
* Supports both sequential and parallel processing
* Tracks the state of your workflow which you interact and update via API
* Best suited for human-enabled workflows like an order fulfillment system or for procedural requests
* AWS recommends that for new applications customers consider Step Functions insteand of SWF
* SWF enables applications for a range of use cases, including media processing, web application back-ends, business process workflows and analytics pipelines, to be designed as a coordination of tasks
* Registration is a one-time step that you perform for each different type of workflow and activity
* SWF has a completion time of up to 1 year for workflow executions
* SWF uses a task-oriented API
* SWF ensures a task is assigned once and never duplicated
* SWF keeps track of all the tasks and events in an application
* A domain is a logical container for application resources such as workflows, activities, and executions
* Workers are programs that interact with SWF to get tasks, process received tasks, and return the results
* The decider is a program that controls the coordination of tasks, i.e. their ordering, concurrency, and schedling according to the application logic
* SWF applications include the following logical components
  + Domains
  + Workflows
  + Activities
  + Task Lists
  + Workers
  + Workflow Execution
  + 