

System for Task Management and Processing

Abstract

In a described embodiment, a task orchestrator configured to manage and coordinate a plurality of tasks, including at least one of initiating, terminating, or pausing the tasks in response to detected changes to a remote directory, wherein the tasks relate to configuration management operations is implemented. The task orchestrator is further configured to initiate a self-update function for fetching updates from a plurality of data repositories and to initiate a fetch task function for retrieving tasks for execution from the repositories. Additionally, the orchestrator is configured to validate software components through one or more cryptographic signatures or hash check. A policy compliance module is configured to ensure tasks executed by the task orchestrator correspond to predefined settings or security protocols. A task runner module is configured to interface with the task orchestrator and execute tasks that are authorized by the task orchestrator.

15 Figure 1