



CHAPTER 9

Managing Workflows

This chapter briefly describes the Workflow Engine branch in Cisco ANA Manage.

- [About the Cisco Workflow Editor](#)—Provides an overview of the Workflow Editor.
- [Workflow Engine Branch](#)—Describes the Workflow Engine sub-branches, for example templates and workflows.

For more information about the Workflow Engine branch menus and toolbar, see [Workflow Engine Branch, page 2-34](#).

About the Cisco Workflow Editor

The Workflow Editor enables the creation and execution of logical flows of atomic tasks (activation commands), including complex rollback scenarios. This logic enables the user to define relationships between tasks, including sequences, branches, failure procedures, scheduling, and access to commands as well as the Information Model. The Workflow Editor can interface with an external system such as an order management system in order to create a full solution for service provisioning which is user-customizable and user-extendable.

The Workflow Editor is a GUI-oriented process management tool that acts as a visual design and execution tracing tool for defining and deploying activation workflows. A workflow consists of several tasks grouped together and arranged in a hierarchy. Workflow management is supported in runtime, and includes a runtime GUI control console. The easy-to-use GUI is flexible enough to enable complex flows to be created with a minimum of effort. For information about launching and working with the Workflow Editor, refer to the *Cisco Active Network Abstraction Workflow User Guide*.

All workflows are stored on the Cisco ANA Gateway. The Workflow Editor engine resides on the Cisco ANA Gateway using AVM 66.



Note

In order to use workflows, AVM 66 must be up and the relevant license must be installed.

After a workflow is deployed, it is accessible using Cisco ANA Manage for viewing properties and status. Deployed workflows can be invoked through the Cisco ANA API using BQL.

Workflow Engine Branch

The Workflow Engine branch in Cisco ANA Manage is used to manage the workflow templates and running workflows in runtime.

**Note**

The Workflow Engine branch is only enabled when the relevant license is installed.

The Workflow Engine branch includes the following sub-branches:

- **Templates**—Displays a list of the deployed workflow templates and enables the user to view the properties of the workflow template.
- **Workflows**—Displays a list of the running or completed workflows and enables the user to view and alter their current status.

For more information about the Workflow Engine branch functionality, refer to the *Cisco Active Network Abstraction Workflow User Guide*.