
DEV102: Extending the Apcera Platform

Course Duration: 1 Day

Delivery Methods:

- Instructor-led Classroom
- Instructor-led Online (virtual)
- Private On-site

Summary

This course puts an emphasis on the hands-on labs which explore Apcera REST API for deploying microservice workloads programmatically using simple HTTP calls. You will write and deploy a simple code which subscribes events associated with resources that you are interested in monitoring. In this course, you also learn how to update the existing policies through an API call.

The course also explains the Service Gateway API and learn how to implement a custom service gateway. Optionally, the topic of customizing stagers by extending the Stager API can be covered as well.

Learning Objectives

After completing this course, you will be able to:

- Use Apcera REST APIs to create, deploy, and manage jobs and services.
- Deploy a Docker job and monitor its creation status by polling its Task object.
- Invoke an Apcera API to deploy multiple Docker jobs using Multi-Resource Manifest.
- Create an application that subscribes job events using the Events System API.
- Update policies using the Apcera Policy API.
- Write custom stagers using the Stager API and create custom staging pipelines.
- Write custom service gateways using the Service Gateway API.

Audience

- Developers
- DevOps

Prerequisites

- APC101: Introduction to the Apcera Platform
- DEV101: Developing with Apcera Platform