

Basic Concepts of Middleware

Overview of Mulesoft

Module 1	<p>Introduction on SDLC process and ESB</p> <ul style="list-style-type: none">• Explaining different kind of application layer in application• Explaining about integration layer• ESB
Module 2	<p>Build Process</p> <ul style="list-style-type: none">• Mavne• Explaining on API
Module 3	<p>Anypoint Platform Overview and components:</p> <ul style="list-style-type: none">• Platform Overview• Design Center• Exchange• Mule runtime engine• Components Overview• API designer• API Runtime Manager• Anypoint Connectors• Flow designer• Runtime manager• Anypoint Studio
Module 4	<p>Designing APIs</p> <ul style="list-style-type: none">• Define an API with RAML, the Restful API Modeling Language• Mock an API to test its design before it is built• Create a portal for developers to learn how to use an API

<p>Module 5</p>	<p>Building APIs</p> <ul style="list-style-type: none"> • Introduce Mule applications, flows, messages, and message processors • Use Anypoint Studio to create a flow graphically • Build, run, and test a Mule application • Use a connector to connect to a database • Use the graphical Data Weave editor to transform data • Create a RESTful interface for an application from a RAML file • Connect an API interface to the implementation
<p>Module 6</p>	<p>Deploying and Managing APIs</p> <ul style="list-style-type: none"> • Describe the options for deploying Mule applications • Deploy a Mule application • PART 2: Building Applications with Anypoint Studio
<p>Module 7</p>	<p>Structuring Mule Applications</p> <ul style="list-style-type: none"> • flows and subflows • Encapsulate global elements in separate configuration files • Explore the files and folder structure of a Mule project
<p>Module 8</p>	<p>Consuming Web Services</p> <ul style="list-style-type: none"> • web services and APIs • Consume SOAP web services • Use DataWeave to pass parameters to SOAP web services
<p>Module 9</p>	<p>Handling Errors</p> <ul style="list-style-type: none"> • Describe the different types of exception strategies • Handle messaging exceptions in flows • Create and use global exception handlers
<p>Module 10</p>	<p>Accessing and Modifying Mule Messages</p> <ul style="list-style-type: none"> • Log message data • Debug Mule applications • Create variables

Module 11	<p>Writing DataWeave Transformations</p> <ul style="list-style-type: none"> • Write DataWeave expressions for basic XML, JSON, and Java transformations • Coerce and format strings, numbers, and dates
Module 12	<p>Connecting to Additional Resources</p> <ul style="list-style-type: none"> • Connect to files • Poll resources
Module 13	<p>Processing Records</p> <ul style="list-style-type: none"> • Use the For Each scope to process items in a collection individually
Module 14	Mule soft Components
Module 15	Mule soft Filters
Module 16	Mule soft Routers
Module 17	Mule soft Scopes
Module 18	Mulesoft Real Time concepts
Module 19	Mini projects

Prerequisites:

Anypoint studio 6.3 or higher,
Java 1.7 or higher(preferred 1.8)

Anypoint platform account