Itential Adapter Essentials Training

Introduction to Itential Adapters and Minimum Requirements

Take your network automation skills to the next level with Itential's Adapter Essentials training courses, part of the Itential developer series.

Course Overview

Adapters are a part of the Itential Automation Platform and provide external systems integration. The Itential Adapter Essentials training courses introduce the Itential Automaton Platform, describe Itential adapters' functions, and teach the minimum requirements for building Itential adapters. These courses provide real lab experiences attendees can apply in the development of their own use cases.

Attendees will learn:

- ✓ The Itential Automation Platform's business value
- ✓ How integrations are necessary to network automation
- ✓ Essential Itential adapter features
- ✓ How to use tiered testing and development
- ✓ How to call REST API's
- ✓ Node.js package management
- ✓ How to document Node.js application methods

Network automation isn't limited to device configurations. Services lifecycle management leverages support systems that manage resources, perform monitoring, and implement process management. Network automation requires support systems' integrations to automate their activities.

This online course is conducted through Itential Academy. Attendees receive self-paced, multimedia lectures; implement learned knowledge with labs in personal, live environments; and assess their knowledge with graded and ungraded tests. Through a series of tiered course content, learners discover a change management ticketing system, learn how to implement the system's application programming interfaces (APIs) and build a functioning Itential adapter. By the end of the course, learners will build an Itential adapter to a live change management system that creates, reads, updates and deletes change management tickets.

Estimated Course Duration: 8 Hours

Course Outline

- ✓ Itential Automation Platform architecture and terminology
- ✓ Discover and test REST APIs
- ✓ Node.js Package Manager (npm)
- ✓ JSDoc API documentation generator
- ✓ Modular, declarative Node.js applications
- ✓ Tiered testing and development
- ✓ Specific, required and recommended Itential adapter characteristics
- ✓ Itential logging
- ✓ Event-driven programming

Outcomes

These courses develop the skills needed to build Itential adapters that provide external systems integrations by performing two functions: executing the external systems' APIs and abstracting those external systems through data translations, generic APIs and light business logic. These courses teach attendees how to implement an external system's APIs and build a functioning Itential adapter.

"**The Itential Adapter Training course provided me the knowledge needed to build adapters specific to my organizations use cases in no time.**"

\- Software Developer, Mulitnational Enterprise

Take Your Automation Skills to the Next Level

The days of network teams being the bottleneck to IT change are now over. Organizations that realize the advantages of software-driven network automation technologies with closed-loop automation capabilities have a tremendous market advantage during this age of Digital Transformation and IoT expansion.

Let Itential show you how it's Intelligent Network Automation solution can strengthen your network automation projects by providing you with the right skillset to enable your next-generation, agile network engineering and operations teams to lead you toward your digital future.

Learn more at itential.com/academy.

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Itential simplifies and automates the journey toward the modern network and bridges the gap between IT and networking teams by enabling users to easily build, execute and visualize Network Intelligent Workflows. Itential's low-code environment provides a vendor agnostic, turnkey solution, connecting network orchestrators and controllers with IT Service Management applications and configuration tools to accomplish closed-loop network automation. Itential's products are in use today within some of the world's largest networks, including many of the top service provider and financial services companies throughout the U.S. and abroad.

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