

Implementing Cloud-Native Contrail Networking (CN2)

ID CN2 Price US\$ 4,000.—(excl. VAT) Duration 4 days

Who should attend

Individuals working with software-defined networking solutions in data-center, service provider, and enterprise network environments

Prerequisites

- Basic networking knowledge;
- Basic BGP knowledge; and
- Completion of the [Juniper Cloud Fundamentals \(JCF\)](#) course, or equivalent knowledge

- Implementing Network Policies
- Describing Virtual Networks
- Implementing Virtual Networks
- Implementing Route Targets
- Implementing Virtual Network Routers
- Implementing IP Forwarding and Fabric Source NAT
- Basic CN2 Troubleshooting

Course Objectives

After successfully completing this course, you should be able to:

- Describe what Contrail networking is and how it enhances cloud networking.
- Use Kubernetes to manage workloads.
- Validate and manage a cluster with multiple namespaces.
- Describe the architecture of a Contrail networking cluster.
- Validate that Contrail is operating correctly.
- Install and validate virtual networks.
- Route traffic between virtual networks.
- Implement security between and within virtual networks.
- Install and validate network services.
- Provide external access to services.
- Configure and monitor analytics to understand the state of a use case.

Course Content

- Course Introduction
- Course Prologue
- Kubernetes Overview
- Describing Cloud-Native Contrail Networking Architecture
- Installing Cloud-Native Contrail Networking
- Verifying and Troubleshooting Contrail Installation
- Describing Contrail CNI
- Implementing Namespaces
- Describing Services
- Implementing Services
- Describing Network Policies

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Training Centres worldwide



Fast Lane Institute for Knowledge Transfer GmbH

Husacherstrasse 3
CH-8304 Wallisellen
Tel. +41 44 832 50 80

info@flane.ch, <https://www.flane.ch>