

# VMware Introduction to Application Delivery Controller with NSX Advanced Load Balancer

## Course Overview

During this one-day course, you gain an understanding of the architecture and features of VMware NSX Advanced Load Balancer (Avi Networks) solution. This course provides hands-on labs to provide a solid foundation to load balancing fundamentals and work with most common load balancing functionality offered by VMware NSX Advanced Load Balancer (Avi Networks) solution.

## Course Objectives

By the end of the course, you should be able to meet the following objectives:

- Describe NSX Advanced Load Balancer architecture
- Describe the NSX Advanced Load Balancer components and main functions
- Explain the NSX Advanced Load Balancer key features and benefits
- Explain and configure Local Load Balancing constructors such as Virtual Services, Pools, Health Monitors and related components

## Target Audience

Experienced system administrators or network administrators

## Course Delivery Options

- Classroom
- Live Online
- Onsite

## Product Alignment

- NSX Advanced Load Balancer 18.2

## Course Modules

### 1 Course Introduction

- Introductions and course logistics
- Course objectives

### 2 Introduction to NSX Advanced Load Balancer

- Introduce NSX Advanced Load Balancer
- Discuss NSX Advanced Load Balancer use cases and benefits
- Explain NSX Advanced Load Balancer architecture and components
- Explain the management, control, data, and consumption planes and their respective functions

### 3 Virtual Services Configuration Concepts

- Explain Virtual Service components
- Explain Virtual Service types
- Explain and configure basic virtual services components such as Application Profiles, Network Profiles, Pools and Health Monitors

### 4 Profiles and Policies

- Explain and deep dive on Advanced Virtual Service creation
- Explain and deep dive on Application Profiles and Types such as L4, DNS, Syslog and HTTP
- Explain and configure advanced application HTTP Profile options
- Deep dive on Network Profiles and Types
- Explain and configure SSL Profiles and Certificates
- Explain and Configure HTTP and DNS policies

### 5 Pools Configuration Concepts

- Explain and deep dive on Pools configuration options
- Describe available Load Balancing algorithms
- Explain multiple Health Monitor types
- Explain multiple Persistence Profiles
- Explain and configure Pool Groups

## Contact

If you have questions or need help registering for this course, click [here](#).