

# VMware NSX Advanced Load Balancer: ICM plus Troubleshooting and Operations Fast Track [V20.x]

**Duration:** 40.00 hours (5 days)

**32.5 CPD Hours**

**Rating:** ★ 4.6 (5,878 reviews)

## Course Information

**Delivery Format:** Instructor Led - Online

## Course Overview

This five-day, extended hour course introduces you to advanced VMware NSX® Advanced Load Balancer (Avi) solutions management skills. In this course, you will learn to install, configure, and manage a VMware NSX® Advanced Load Balancer solution. Also, you will learn advanced knowledge, skills, and tools to achieve competence in operating and troubleshooting the NSX Advanced Load Balancer solutions. This course covers key NSX Advanced Load Balancer features, functionality and troubleshooting tools offered in the NSX Advanced Load Balancer 20.x release. Features include the overall infrastructure, virtual services and application components, global server load balancing, various cloud connectors, application troubleshooting, and solution monitoring. The course includes troubleshooting hands-on labs, in which you will be presented with various types of technical problems. You will identify, analyze, and solve the technical problems through a systematic process.

## About This Course

This five-day, extended hour course introduces you to advanced VMware NSX® Advanced Load Balancer (Avi) solutions management skills. In this course, you will learn to install, configure, and manage a VMware NSX® Advanced Load Balancer solution. Also, you will learn advanced knowledge, skills, and tools to achieve competence in operating and troubleshooting the NSX Advanced Load Balancer solutions. This course covers key NSX Advanced Load Balancer features, functionality and troubleshooting tools offered in the NSX Advanced Load Balancer 20.x release. Features include the overall infrastructure, virtual services and application components, global server load balancing, various cloud connectors, application troubleshooting, and solution monitoring. The course includes troubleshooting hands-on labs, in which you will be presented with various types of technical problems. You will identify, analyze, and solve the technical problems through a systematic process.

## Who Should Attend

Experienced system administrators or network administrators

Network professionals who have experience working with NSX Advanced Load Balancer and are responsible for troubleshooting and operating Application Delivery Controllers solutions

# Learning Outcomes

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## **Upon successful completion of this course, participants will be able to:**

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

Describe the 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

Deploy and configure the NSX Advanced Load Balancer infrastructure within private or public clouds using Write and No Access Cloud Connectors

Explain, deploy, and configure Service Engines

Explain and configure local load balancing constructors such as virtual services, pools, health monitors, and related components

Understand and modify application behavior through profiles, policies, and DataScripts

Configure advanced services such as global server load balancing

Describe how to use NSX Advanced Load Balancer REST API interfaces and related automation capabilities

Describe and configure NSX Advanced Load Balancer application and infrastructure monitoring

Become familiar with NSX Advanced Load Balancer troubleshooting tools and steps to solve the problems.

Establish and apply a structured troubleshooting approach and methodology

Understand built-in mechanisms available for NSX Advanced Load Balancer monitoring

Identify, analyze, and troubleshoot problems related to the NSX Advanced Load Balancer infrastructure, including control and data plane components

Identify, analyze, and troubleshoot problems related to application components such as Virtual Services, Pools, and related components

## Additional Course Details

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Nexus Humans VMware NSX Advanced Load Balancer: ICM plus Troubleshooting and Operations Fast Track [V20.x] training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the VMware NSX Advanced Load Balancer: ICM plus Troubleshooting and Operations Fast Track [V20.x] course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

# Frequently Asked Questions

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## **Q: What delivery options are available for VMware NSX Advanced Load Balancer: ICM plus Troubleshooting and Operations Fast Track [V20.x]?**

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
  - Traditional Instructor-Led Classroom Training (ILT)
  - On-site delivery at your offices anywhere in United Kingdom
  - Private dedicated courses customized for your team
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## **Q: How many CPD hours does this course provide?**

The 5-day VMware NSX Advanced Load Balancer: ICM plus Troubleshooting and Operations Fast Track [V20.x] course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

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## **Q: What is the duration of the VMware NSX Advanced Load Balancer: ICM plus Troubleshooting and Operations Fast Track [V20.x] training?**

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

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## **Q: Do you provide corporate training for VMware NSX Advanced Load Balancer: ICM plus Troubleshooting and Operations Fast Track [V20.x]?**

Yes, we provide corporate training, dedicated training, and closed classes for VMware NSX Advanced Load Balancer: ICM plus Troubleshooting and Operations Fast Track [V20.x]. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

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## Q: Why choose Nexus Human for VMware NSX Advanced Load Balancer: ICM plus Troubleshooting and Operations Fast Track [V20.x]?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

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## Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your VMware NSX Advanced Load Balancer: ICM plus Troubleshooting and Operations Fast Track [V20.x] training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

# Nexus Human

## Professional Training & Development

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