vmware

Firefly Insight Series
VMware Zero Trust Network (ZTN)

Series Description

VMware Zero Trust Network (ZTN) offers a cutting-edge approach to network security. In this series, we will explore the fundamental principles, benefits, and implementation strategies of VMware ZTN, giving you the knowledge and insights necessary to understand and implement VMware ZTN effectively.

As an IT Professional, it is critical that you have a clear understanding of:

- What VMware ZTN is
- The benefits and features it provides
- The requirements for deployment
- How to manage, monitor, and troubleshoot your network with ZTN
- How to design, deploy, and manage ZTN

In this interactive 5-part expert-led Firefly Insight Series, we will dive deep into the technology behind the VMware Zero Trust Network model allowing you to experience it and ask questions.

Prerequisites

IT professionals who already possess a strong working knowledge of Enterprise networks will gain the most from this course.

Who Should Attend

This course is tailored for technical IT decision-makers, architects, and information security administrators who want to implement a Zero Trust security solution.

Learning Objectives

- Understand ZTN
- Understand how ZTN can help manage your network
- Understand the advanced capabilities and features available with ZTN

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Principal Network Architect
VMware Certified Expert
Network Virtualization - VCIX-NV6

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Session 1:

Distributed Firewall (DFW) Core

In this session, we will introduce zero trust networking concepts - the centralized management console that provides a single point of control for the entire network allowing administrators to automate and simplify network provisioning, monitoring, and troubleshooting.

Topics covered:

- Zero Trust Networking Concepts
- Tools to implement ZTN
- Distributed Firewall
- Common Scenarios

DEMO/LAB:
- Vlan-Backed NSX migration
- Outside-IN ring fencing (Zone Fencing))

Session 2:

Distributed Intrusion Detection System (dIDS) / distributed Intrusion Prevention System (dIPS)

In this session, we examine how dIDS and dIPS utilize a distributed approach to enhance network protection, threat detection, and prevention. By combining their capabilities, organizations can achieve comprehensive security coverage, rapid threat response, and proactive measures to defend against emerging threats.

Topics covered:

- Zero Trust Networking Recap
- Distributed IDS/IPS
- Benefits of dIDS/dIPS

DEMO/LAB:
- **Distributed IDS/IPS**
- Policy Validation

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Session 3:

Intelligent Policy Automation (IPA))
This session reviews how incorporating Intelligent Policy Automation into ZTN, simplifies the management, enhances efficiency, and ensures consistent policy enforcement across the network.

Topics covered:
- Zero Trust Networking Recap
- Intelligent Policy Discovery
- NSX Intelligence - Why/How?
- Intelligent Policy Discovery & Automation with NSX-Intelligence

DEMO LAB:
- Flow Visualization w/ NSX-Intelligence
- Automated Outside-IN ring fencing
- Policy Validation

Session 4:

Advanced Threat Protection (ATP)
This session we show how combining Advanced Threat Protection (ATP) with Zero Trust Networking (ZTN) enhances security through combined prevention and detection.

Topics covered:
- Mitigating attacks in your Network
- Attack Story
- Inspection

DEMO LAB:
- Malware prevention and Network Detection and Response (NDR)

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Session5:

Identity Firewall

In this session, we will give an overview and share examples showing how Identity firewalls can be an essential component within a ZTN architecture to enforce identity-based policies and protect network resources.

Topics covered:

- Identity Firewall Overview
- Use Cases & Supported Configurations
- iDF Workflow Step by Step

DEMO LAB:
- Setting up iDF
- iDF Enforcement Validation

5-part series held weekly

Next series begins June 14th
Every Wednesday @ 10 am CST

For more information, please contact us:

Event-support@firefly.cloud

No Prerequisites

Live Online

60-minute sessions

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