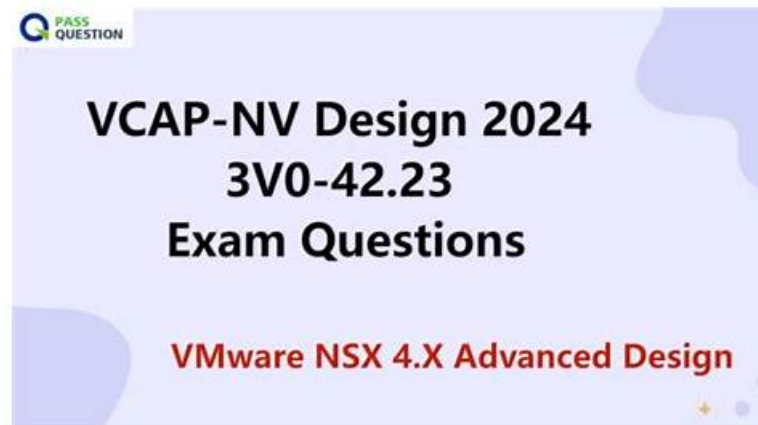


# 3V0-42.23考題套裝考題全覆蓋–高通過率的VMware VMware NSX 4.x Advanced Design



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我們都是平平凡凡的普通人，有時候所學的所掌握的東西沒有那麼容易徹底的吸收，所以經常忘記，當我們需要時就拼命的補習，當你看到NewDumps VMware的3V0-42.23考試培訓資料是，你才明白這是你必須要購買的，它可以讓你毫不費力的通過考試，也可以讓你不用那麼努力的補習，相信NewDumps，相信它讓你看到你的未來美好的樣子，再苦再難，只要NewDumps還在，總會找到希望的光明。

## VMware 3V0-42.23 考試大綱：

主題	簡介
主題 1	<ul style="list-style-type: none"><li>VMware Solution: This section of the exam measures the skills of NSX Administrators and Cloud Architects in understanding NSX architecture and its components. It covers the main elements of NSX architecture, including management clusters, control planes, and data planes. It also addresses NSX Manager sizing options, cluster design decisions, and differences between enterprise and service provider NSX designs.</li></ul>
主題 2	<ul style="list-style-type: none"><li>IT Architectures, Technologies, Standards: This section of the exam does not include any testable objectives. It is designed to provide foundational context for understanding VMware solutions and their alignment with IT architectures, technologies, and standards.</li></ul>
主題 3	<ul style="list-style-type: none"><li>Plan and Design the VMware Solution: This section evaluates the expertise of Solution Designers and Infrastructure Architects in planning and designing VMware solutions. It includes identifying design terms, frameworks, and methodologies, understanding VMware Cloud Foundation designs, and analyzing customer requirements. Additionally, it covers conceptual, logical, and physical designs for NSX Edge clusters, logical switching, routing architectures, security features, network services, physical infrastructure design, multi-location setups with NSX Federation, and optimization using DPU-based acceleration.</li></ul>
主題 4	<ul style="list-style-type: none"><li>Troubleshoot and Optimize the VMware Solution: This section does not include any testable objectives. It is intended to offer insights into troubleshooting methodologies and optimization strategies for VMware environments.</li></ul>
主題 5	<ul style="list-style-type: none"><li>Install, Configure, Administrate the VMware Solution: This section does not include any testable objectives. It focuses on providing a high-level understanding of installation and administrative tasks related to VMware solutions.</li></ul>

## 3V0-42.23考古題更新 & 3V0-42.23新版題庫上線

要想通過VMware 3V0-42.23考試認證，選擇相應的培訓工具是非常有必要的，而關於VMware 3V0-42.23考試認證的研究材料是很重要的一部分，而我們NewDumps能很有效的提供關於通過VMware 3V0-42.23考試認證的資料，NewDumps的IT專家個個都是實力加經驗組成的，他們的研究出來的材料和你真實的考題很接近，幾乎一樣，NewDumps是專門為要參加認證考試的人提供便利的網站，能有效的幫助考生通過考試。

### 最新的 VCAP-NV Design 3V0-42.23 免費考試真題 (Q103-Q108):

#### 問題 #103

Which factors should be considered for NSX Manager sizing? (Choose two)

- A. The personal preferences of network administrators
- B. Geographic location of physical servers
- C. Future expansion plans
- D. System performance requirements

答案: C,D

#### 問題 #104

A global logistics company is planning to expand its operations to multiple locations across continents.

Their existing on-premises network is unable to scale to meet the demands of the growing number of sites and the increasing volume of East-West traffic within their data center. The company has chosen VMware NSX as their preferred network virtualization platform, aiming to simplify network management and improve intra-data center routing.

Which of the following would be part of the optimal recommended design?

- A. Deploy NSX with Aria Operations for Networks to handle North-South routing within the data center.
- B. Deploy NSX and use Centralized Service Ports to handle East-West routing within the data center.
- C. Deploy NSX with Tier-1 Gateways to handle East-West routing within the data center.
- D. Deploy NSX with Tier-0 Gateways to handle North-South routing within the data center.

答案: C

解題說明:

\* Tier-1 Gateways for East-West Traffic (Correct Answer - C):

\* East-West traffic refers to communication within the data center (e.g., between workloads).

\* Tier-1 Gateways are optimized for East-West routing, ensuring efficient intra-data center traffic handling.

\* This minimizes unnecessary traffic to external routers, reducing latency and improving performance.

\* Incorrect Options:

\* (A - Centralized Service Ports for East-West Routing):

\* Centralized Service Ports (CSPs) are used for stateful services, not for general East-West routing.

\* (B - Aria Operations for Networks for North-South Routing):

\* Aria Operations for Networks (formerly vRealize Network Insight) is a monitoring and analytics tool, not a routing solution.

\* (D - Tier-0 for East-West Routing):

\* Tier-0 Gateways handle North-South routing (external connectivity), not East-West traffic.

VMware NSX 4.x Reference:

\* NSX-T Data Center Routing Design Guide

\* NSX-T Multi-Tier Gateway Architecture Best Practices

#### 問題 #105

What is the function of the control plane in NSX?

- A. It provides the NSX APIs for automation and integration.
- B. It configures the data plane within the NSX environment.
- C. It forwards traffic in the NSX environment.
- D. It handles access control within the NSX environment.

答案: B

解題說明：

1. NSX Control Plane Responsibilities

- \* The control plane is responsible for programming and distributing network configurations to the data plane.
- \* It ensures that forwarding decisions are precomputed and pushed to transport nodes (ESXi/KVM hosts).
- \* It does not forward traffic itself but instructs the data plane on how to do so.

2. Why "Configures the Data Plane" is the Correct Answer (B)

- \* NSX Control Plane manages configuration and route distribution.
- \* Uses Central Control Plane (CCP) to compute forwarding decisions.
- \* Uses Local Control Plane (LCP) to communicate with Transport Nodes.

3. Why Other Options are Incorrect

- \* (A - Provides APIs):
  - \* NSX APIs belong to the management plane, not the control plane.
- \* (C - Handles Access Control):
  - \* Security policies are enforced in the data plane, not the control plane.
- \* (D - Forwards Traffic):
  - \* The data plane is responsible for forwarding packets, not the control plane.

4. NSX Control Plane Design Considerations

- \* Ensure NSX Managers (which include the control plane) are deployed in a 3-node cluster for high availability.
- \* BGP and OSPF routes should be dynamically distributed to transport nodes via the control plane.
- \* Monitor NSX Manager performance to ensure routing convergence times are optimal.

VMware NSX 4.x Reference:

- \* NSX-T Control Plane Architecture and Best Practices
- \* NSX-T Routing and Forwarding Table Optimization

問題 #106

What is a benefit of using a multi-tier architecture for providing control over stateful service location in NSX?

- A. Allows for granular control of traffic flow.
- B. Provides better performance and scalability than other architectures.
- C. Simplifies the deployment and configuration of stateful services.
- D. Reduces the number of NSX Edge nodes required.

答案： A

解題說明：

- \* Multi-Tier Architecture for Stateful Services (Correct Answer - A):
  - \* Multi-tier NSX architecture (T0-T1) provides granular traffic control by allowing separation of stateful services (e.g., NAT, Load Balancer, Firewall).
  - \* It optimizes traffic flow between different application tiers, preventing unnecessary stateful service processing at the Tier-0 Gateway.
  - \* Incorrect Options:
  - \* (B - Better Performance and Scalability):
    - \* Performance depends on deployment design rather than the number of tiers.
  - \* (C - Simplifies Stateful Service Deployment):
    - \* Stateful services still require specific placement, making configuration more structured, not necessarily simpler.
  - \* (D - Reduces NSX Edge Nodes Required):
    - \* Edge node requirements depend on workload size, not the number of tiers.
- VMware NSX 4.x Reference:
- \* NSX-T Multi-Tier Routing and Gateway Design Guide
  - \* Stateful Services Placement in NSX Edge Clusters

問題 #107

Physical design in a VMware environment is concerned with?

- A. The aesthetics of the user interface
- B. The specific hardware and software components
- C. The design of the company logo
- D. The abstract concepts behind the system architecture

答案： B

## 問題 #108

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