



**DEMO VERSION**

**Cisco**

**300-640 Exam**

Implementing Cisco Data Center AI Infrastructure (DCAI)



Exam Latest Version: 6.0



### Question 1. (Single Select)

In Nexus Dashboard Fabric Controller (NDFC), which deployment "Persona" is specifically optimized for managing the leaf-spine fabrics typically used in AI PODs?

- A: LAN Fabric
- B: IP Fabric for Media
- C: SDN Fabric (ACI)
- D: SAN Controller

**Correct Answer: A**

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### Question 2. (Single Select)

A 32-node AI training job has slowed down significantly. An engineer checks the Nexus switch counters and sees a high number of PFC Rx Pause frames on the ports connected to the leaf switches, but zero drops. What is the most likely cause?

- A: The fabric is dropping packets due to a hardware failure.
- B: The spine switches are congested and are pushing "back-pressure" toward the leaves.
- C: The GPUs have stopped sending data.
- D: The VLANs are incorrectly configured.

**Correct Answer: B**

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### Question 3. (Single Select)

In a Hybrid AI deployment, which Cisco solution would be used to provide secure, high-speed

connectivity between an on-premises Nexus fabric and a VPC in AWS?

A: Cisco SD-WAN or Cloud Router (CSR/Catalyst 8000V)

B: Cisco Umbrella

C: Cisco Duo

D: Cisco AnyConnect (Standard VPN)

**Correct Answer: A**

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**Question 4. (Single Select)**

Which AI use case is specifically designed to detect anomalies in network traffic patterns to prevent zero-day exploits?

A: Predictive Maintenance

B: Natural Language Processing (NLP)

C: AI-driven Cybersecurity

D: Computer Vision

**Correct Answer: C**

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**Question 5. (Single Select)**

What is the role of a Vector Database in a RAG architecture?

A: It stores the weights of the neural network.

B: It stores high-dimensional "embeddings" of data for fast similarity searches.

C: It acts as the primary DHCP server for the GPUs.

D: It manages the power distribution units (PDUs).

**Correct Answer: B**

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