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**Exam : 4A0-AI1**

**Title :** Nokia NSP IP Network  
Automation Professional  
Composite Exam

**Version : DEMO**

1.What task does Apache FreeMarker perform?

- A. It instantiates templates.
- B. Separates the configuration and data states
- C. Transports YANG data
- D. Allows communication between NSP applications

**Answer: A**

**Explanation:**

Apache FreeMarker is a templating language used to create dynamic webpages. It is designed to separate the configuration and data states, allowing the template to have a consistent look and feel across all webpages. FreeMarker allows the template to instantiate the data, allowing the template to be reused in different contexts. It does not allow communication between NSP applications or transport YANG data.

2.Which of the following statements about an intent is FALSE?

- A. It is stored in the database as the source of truth.
- B. It is an instance of an intent type.
- C. It can be created and deleted through RESTCONF API.
- D. It only involves services.

**Answer: D**

**Explanation:**

According to the Nokia NSP Intent Manager Application Help2, an intent has the following characteristics:

- ☞ It is stored in the database as the source of truth.
- ☞ It is an instance of an intent type, which defines the structure and logic of an intent.
- ☞ It can be created and deleted through RESTCONF API or through the Intent Manager GUI.
- ☞ It can involve services, nodes, links, paths, or any other network elements.

3.Which of the following is NOT a valid flow control attribute?

- A. on-failure
- B. on-complete
- C. on-success
- D. on-error

**Answer: B**

**Explanation:**

On-complete, on the other hand, is not a standard flow control property that is typically used to specify how a workflow behaves after a task is completed. In the context of a workflow, the completion of a task can be specifically distinguished by on-success or on-failure, rather than using a generalized "done" state.

4.Which of the following is NOT an NSP application?

- A. Service Fulfilment
- B. Network Supervision
- C. IP/MPLS Optimization
- D. Network Virtualization

**Answer: C**

**Explanation:**

According to the Nokia NSP Learning and Certification Program<sup>2</sup>, there are four main NSP applications:

- ⇒ Service Fulfillment: Enables service providers to design, create, and deliver IP/MPLS services across a multi-vendor network.
- ⇒ Network Supervision: Provides real-time visibility and control of network performance, faults, and inventory across physical and virtual networks.
- ⇒ IP/MPLS Optimization: Optimizes network resources by applying advanced algorithms and machine learning techniques to automate traffic engineering and path computation.
- ⇒ Network Virtualization: Enables service providers to create and manage virtualized network functions (VNFs) and network slices using cloud-native technologies.

5. Which of the following is NOT a characteristic of Infrastructure Intent?

- A. Policy management
- B. System security
- C. Initial hardware configuration
- D. L2/L3 VPN configuration of multiple services

**Answer: C**

**Explanation:**

Initial hardware configuration, on the other hand, involves more of the basic setup of the physical device, such as the boot configuration of the device, which is usually done when the device is first installed, rather than the focus of the infrastructure intent. Infrastructure intent is more focused on management and automation at the network level than on the initial setup of physical hardware.