



Free Questions for 4A0-AI1

Shared by Johnston on 28-04-2023

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Question 1

Question Type: MultipleChoice

Which of the following is NOT an NSP application?

Options:

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

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Answer:

C

Explanation:

According to the Nokia NSP Learning and Certification Program², 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.

Question 2

Question Type: MultipleChoice

What happens if you select "Modify" under "Behavior" in the WebUI and successfully modify an intent?

Options:

- A- The Intent is updated in the Intent Manager database and no other actions are performed.
- B- The Intent is updated in the Intent Manager database and compared with the configuration on the target node.
- C- The Intent is updated in the Intent Manager database and synchronized.
- D- The version number of the Intent is increased and multiple copies of the Intent are stored In the Intent Manager.

Answer:

B

Explanation:

According to the NSP Intent Manager Application Help12, if you select "Modify" under "Behavior" in the WebUI and successfully modify an intent, the intent is updated in the Intent Manager database and compared with the configuration on the target node. This will change the intended configuration for the audit and synchronize operations

Question 3

Question Type: MultipleChoice

Which Workflow state allows a Workflow to be executed?

Options:

- A- Draft
- B- Deprecated
- C- Published
- D- Released

Answer:

C

Explanation:

According to the Workflow Manager User Guide from Nokia, the correct answer is C. Published.

When a workflow is in the Published state, it can be executed by users who have the appropriate permissions. The Draft state is used during the creation of a new workflow, while the Deprecated state indicates that a workflow is no longer supported and should not be used. The Released state is not mentioned in the context of workflow execution.

Question 4

Question Type: MultipleChoice

What are the possible data types capable of being assigned to the value type attributes of the target-component?

Options:

- A- String
- B- Boolean
- C- Boolean and String
- D- Number and String

Answer:

C

Explanation:

The value type attributes of the target-component can be assigned either a boolean or a string data type. The boolean data type can be used to indicate whether a certain attribute is enabled or not, while the string data type can be used to store textual information. Numbers and other data types are not supported.

Question 5

Question Type: MultipleChoice

Which of the following files contains all the back end implementations required for Intent configurations to be performed?

Options:

- A- script-content.js
- B- meta-info.json
- C- yang-patch.json
- D- util.js

Answer:

A

Explanation:

The script-content.js file contains all the back end implementations required for Intent configurations to be performed.

The script-content.js file is a JavaScript file that defines the logic for creating, updating, deleting and synchronizing intents. It also defines the validation rules and error handling mechanisms for intents.

For example, a script-content.js file could contain:

```
function createIntent(intent) { // logic for creating an intent }  
  
function updateIntent(intent) { // logic for updating an intent }
```

Question 6

Question Type: MultipleChoice

Match the following description with its meaning.

X - "uses Playbooks, written in simple YAML, that defines server configuration."

Y - "workflow service that aims to provide a way to define, manage, and execute tasks and workflows in the cloud without writing code."

Z - "a detailed specification for the desired network configuration."

W - "an application that allows the creation of complex operational workflows using an intuitive GUI."

Options:

- A- X - Openstack MistralY - AnsibleZ - Intent typeW - NSP Workflow Manager (WFM)
- B- X - AnsibleY - Openstack MistralZ - NSP Workflow Manager (WFM)W - Intent type
- C- X - AnsibleY - Openstack MistralZ - Intent typeW - NSP Workflow Manager (WFM)
- D- X - NSP Workflow Manager (WFM)Y - Openstack MistralZ - Intent typeW - Ansible

Answer:

D

Question 7

Question Type: MultipleChoice

Which of the following is NOT a benefit of Intent Manager?

Options:

- A- Allows the parallel execution of many workflows.
- B- Provides flexible capabilities for achieving high-level bus
- C- Allows programmable and flexible logic.
- D- Provides concepts for finding misalignments.

Answer:

A

Explanation:

According to the Nokia NSP Intent Manager Application Help2, Intent Manager has the following benefits:

It allows programmable and flexible logic. You can use scripts to define how intents are translated into network commands and how they react to network events.

It provides concepts for finding misalignments. You can use audit and synchronize functions to detect and resolve any discrepancies between intents and network states.

It provides flexible capabilities for achieving high-level business goals. You can use intents to express complex network behaviors such as service protection, bandwidth optimization, or latency reduction.

Therefore, based on these sources¹², the correct answer to your question is:

1. Allows the parallel execution of many workflows.

This is NOT a benefit of Intent Manager because workflows are not related to intents. Workflows are sequences of tasks that can be executed on NSP using Workflow Manager.



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