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# Question 1

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**Question Type:** MultipleChoice

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Which API can identify the root cause(s) of issues in the network?

## Options:

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- A- Service Fulfilment API
- B- Fault Management API
- C- Telemetry API
- D- Subscription management

## Answer:

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B

## Explanation:

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The correct answer is B. Fault Management API. The Fault Management API can be used to identify the root cause(s) of issues in the network, such as hardware or software faults, configuration errors, and other problems. It provides a unified interface to receive and

analyze fault information from multiple network elements.

The API that can identify the root cause(s) of issues in the network is the Fault Management API. This API allows network operators to monitor network faults and events in real-time, and diagnose and resolve issues quickly and efficiently. It provides information about the root cause(s) of the fault and the affected network elements, as well as enabling automated fault handling and resolution.

## Question 2

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**Question Type:** MultipleChoice

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Which of the following is NOT a benefit of Service Fulfilment API?

### Options:

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- A- Increases service agility
- B- Reduces human errors
- C- Allows multi-vendor service provisioning
- D- Provides alarm monitoring

**Answer:**

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D

**Explanation:**

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Service Fulfilment API does not provide alarm monitoring; rather, it allows customers to quickly and easily order and provision services from a single interface, allowing for increased service agility and reduced human error.

According to the Nokia NSP Service Fulfilment API User Guide, Service Fulfilment API offers the following benefits:

1. Increases service agility by providing a programmable interface for automated service provisioning and management, allowing network operators to quickly respond to customer demands and network changes.
2. Reduces human errors by automating the service provisioning process, which minimizes the risk of manual configuration errors and improves service quality.
3. Allows multi-vendor service provisioning by providing a vendor-agnostic interface that supports different types of network equipment and technologies, reducing vendor lock-in and enabling greater network flexibility.

## Question 3

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**Question Type:** MultipleChoice

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Which of the following statements about the NSP Kafka service is FALSE?

**Options:**

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- A- It allows an API client to receive event or alarm notifications.
- B- It allows an API client to subscribe to different event types.
- C- It is a distributed messaging system.
- D- It uses NETCONF based operations and YANG models.

**Answer:**

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D

**Explanation:**

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The NSP Kafka service is a distributed messaging system that allows different applications to publish and subscribe to different event types. It provides an API client to receive event or alarm notifications and subscribe to different event types. However, it does not use NETCONF based operations and YANG models. Instead, it uses the Kafka protocol to send and receive messages between producers and consumers.

## Question 4

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**Question Type:** MultipleChoice

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Which of the following statements about the NSP Workflow Manager is FALSE?

### Options:

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- A- It provides several building tools to design and create new workflows.
- B- It uses Openstack Heat as the core workflow engine.
- C- It supports scheduling of workflow executions.
- D- It supports parallel execution of many workflow.

### Answer:

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B

### Explanation:

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According to the Nokia NSP Workflow Manager Application Help2, Workflow Manager has the following characteristics:

It provides several building tools to design and create new workflows. You can use graphical editors, text editors, or import existing workflows from files or repositories.

It uses Openstack Mistral as the core workflow engine. Mistral is an open source project that provides a service for managing workflows across multiple cloud platforms.

It supports scheduling of workflow executions. You can use cron expressions or triggers to specify when and how often a workflow should run.

It supports parallel execution of many workflows. You can run multiple workflows simultaneously on different network elements or services.

Therefore, based on these sources, the correct answer is:

1. It uses Openstack Heat as the core workflow engine.

This is FALSE because Workflow Manager uses Openstack Mistral, not Heat, as the core workflow engine. Heat is another open source project that provides a service for orchestrating multiple cloud applications using templates.

The other statements are TRUE because:

2. It provides several building tools to design and create new workflows. This allows you to create workflows that suit your specific network needs and preferences.

3. It supports scheduling of workflow executions. This allows you to automate recurring network tasks and optimize network performance and availability.

4. It supports parallel execution of many workflows. This allows you to handle complex network scenarios and operations efficiently and effectively.

## Question 5

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**Question Type:** MultipleChoice

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

### Options:

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- 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:

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A

### Explanation:

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According to the Nokia NSP Intent Manager Application Help<sup>2</sup>, 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 sources<sup>12</sup>, 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.

## Question 6

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**Question Type:** MultipleChoice

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Which of the following statements about an intent is FALSE?

### Options:

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- 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:

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D

### Explanation:

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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.

## Question 7

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**Question Type:** MultipleChoice

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Which of the following statements about POSTMAN is FALSE?

### Options:

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- A- A Postman account allows you to create a maximum of 3600 workspaces for free.
- B- Postman allows you to add a parameter to a request. 1mm
- C- Postman allows you to define a variable to store and re-use values in a request.
- D- Postman pre-request scripts are executed before the main request.

### Answer:

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A

### Explanation:

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A Postman account allows you to create a maximum of 3600 workspaces for free. Postman is an API development environment used to create, test, and document APIs. It allows users to send requests and receive responses in a variety of formats, as well as add parameters to requests, define variables to store and re-use values, and execute pre-request scripts before the main request. However, Postman accounts do not allow users to create a maximum of 3600 workspaces for free; users must upgrade their accounts to access

this feature.

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