

## 300-535<sup>Q&As</sup>

Automating and Programming Cisco Service Provider Solutions  
(SPAUTO)

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**QUESTION 1**

Which two use cases are valid for Cisco WAN Automation Engine? (Choose two.)

- A. deployment of SR policies
- B. integration with Cisco XTC
- C. what-if analysis
- D. device manager
- E. network controller

Correct Answer: AB

Reference: <https://www.ciscolive.com/c/dam/r/ciscolive/apjc/docs/2018/pdf/BRKSPG-2008.pdf> Slide 16

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**QUESTION 2**

```
module: Cisco-IOS-XR-telemetry-model-driven-cfg
  x--rw telemetry-model-driven
    +--rw sensor-groups
      +--rw sensor-group* [sensor-group-identifier]
        +--rw sensor-paths
          |   +--rw sensor-path* [telemetry-sensor-path]
          |   +--rw telemetry-sensor-path string
          +--rw sensor-group-identifier xr:Cisco-ios-xr-string
```

Refer to the exhibit. Which JSON output is a valid instantiation of the YANG model?

- A.
- ```
( "Cisco-IOS-XR-telemetry-model-drive-cfg:telemetry-model-driven": (
  "sensor-groups": (
    "sensor-group": [(
      "sensor-paths": (
        "sensor-path": [
          ("telemetry-sensor-path": "openconfig-interfaces:interfaces"),
          ("telemetry-sensor-path": "openconfig-platform:components"),
        ]
      ),
    ],
    "sensor-group-identifier": "Interface-Counters",
  )]
)
))
```
- B.
- ```
{
  "Cisco-IOS-XR-telemetry-model-drive-cfg:telemetry-model-driven": {
    "sensor-groups": {
      "sensor-group-identifier": "Interface-Counters",
      "sensor-paths": {
        {"telemetry-sensor-path": "openconfig-interfaces:interfaces"},
        {"telemetry-sensor-path": "openconfig-platform:components"},
      }
    }
  }
}
```
- C.
- ```
{ "Cisco-IOS-XR-telemetry-model-drive-cfg:telemetry-model-driven": {
  "sensor-groups": {
    "sensor-group": [{
      "sensor-group-identifier": "Interface-Counters",
      "sensor-paths": {
        "sensor-path": [
          {"telemetry-sensor-path": "openconfig-interfaces:interfaces"},
          {"telemetry-sensor-path": "openconfig-platform:components"},
        ]
      }
    ]
  }
}
}
```
- D.
- ```
(
  "Cisco-IOS-XR-telemetry-model-drive-cfg:telemetry-model-driven": (
    "sensor-groups": (
      "sensor-group": [(
        "sensor-group-identifier": "Interface-Counters",
        "sensor-paths": (
          "sensor-path": [
            ("telemetry-sensor-path": "openconfig-interfaces:interfaces"),
            ("telemetry-sensor-path": "openconfig-platform:components"),
          ]
        )
      )
    ]
  )
)
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: D

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### QUESTION 3

A user is debugging a problem with model-driven dial-in/out streams with gRPC for a Cisco IOS XR implementation. There is no streaming data and the path is not resolved when the show telemetry model-driven subscription command is issued on the router. What is the cause of the problem?

A. The emsd process is not running.

B. There are polling interval problems.

C. SNMP is not enabled.

D. There is no support for IOS XR 64-bit.

Correct Answer: A

Reference: <https://community.cisco.com/t5/service-providers-documents/implementing-grpc-telemetry-on-xr-devices/tap/3393966>

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### QUESTION 4

```
a = 11
b = 22
c = 33
d = 44

def swap1(a, b) :
    if a == b:
        return 2 * a, b
    else:
        a, b = b, a
        return a, b

def swap2(c, d) :
    if c < d:
        print(d, 2 * c)
    else:
        print(44, 22)
```

Refer to the exhibit. Which command prints out (44, 22) when this code is run on Python 3?

- A. `print(swap1(d, b))`
- B. `print(swap2(a, b))`
- C. `print(swap1(b, d))`
- D. `print(swap2(22, 44))`

Correct Answer: C

---

#### QUESTION 5

Which statement describes the Cisco ESC core engine component?

- A. It interacts with the top orchestration layer using the REST and NETCONF/YANG NB APIs.
- B. It can be configured for high availability and cluster mode.
- C. It performs monitoring based on several monitoring methods.
- D. It manages transactions, validations, policies, workflows, VM state machines, and rollbacks.

Correct Answer: D