



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

Automating and Programming Cisco Service Provider Solutions  
(SPAUTO)

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## QUESTION 1

```
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

## QUESTION 2

What tool is used to perform a "what if" failure analysis in a service provider network that is running Segment Routing?

- A. Cisco WAN Automation Engine
- B. Cisco Evolved Programmable Network Manager
- C. Cisco Network Services Orchestrator
- D. Cisco Segment Routing Path Computation Element

Correct Answer: A

Reference: <https://www.cisco.com/c/en/us/products/routers/wan-automation-engine/index.html>

## QUESTION 3

```
curl --request DELETE --url http://10.1.1.1:8080/srpolicy-install --header 'cache-control: no-cache' --
header 'content-type: application/json'
--data '{"source": "1.1.1.2", "end-point": "2001:4860::1:1:1:1", "color": 99, "route-distinguisher": 2}'
<!DOCTYPE html>
<html>
<head>
<title>404 Not Found</title>
</head>
<body>
<h1>Not Found</h1>
<hr>
<address> Server at localhost:8080 </address>
</body>
</html>
```

Refer to the exhibit. An engineer implements an automation with Cisco XTC. Which problem results in the 404 Not Found error code on the REST call?

- A. The resource that you are trying to delete does not exist.



- B. Port 8080 is not enabled on XTC.
- C. XTC does not offer any APIs.
- D. You must change the request method.

Correct Answer: B

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#### QUESTION 4

An engineer needs to configure network devices in an automated way. Which two ways are used to create structured data using YANG to provide REST-like APIs to enable programmability access? (Choose two.)

- A. YAML
- B. JSON
- C. GPB
- D. JSON-RPC
- E. XML

Correct Answer: BE

Reference: [https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/166/b\\_166\\_programmability\\_cg/restconf\\_prog\\_int.pdf](https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/166/b_166_programmability_cg/restconf_prog_int.pdf)

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#### QUESTION 5

Which two Python libraries are used to write a script to retrieve network device information using RESTCONF? (Choose two.)

- A. PySNMP
- B. requests
- C. ncclient
- D. YANG
- E. json

Correct Answer: BE

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