

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

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(SPAUTO)

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## QUESTION 1

```
from ydk.services import CRUDService
from ydk.providers import NetconfServiceProvider
from ydk.models.cisco_ios_xr import Cisco_IOS_XR_shellutil_oper \
    as xr_shellutil_oper
from datetime import timedelta

if __name__ == "__main__":
    """Main execution path"""
    provider = NetconfServiceProvider(address="10.0.0.1",
                                     port=830,
                                     username = "admin",
                                     password = "admin",
                                     protocol = "ssh")

    crud = CRUDService()
    system_time = xr_shellutil_oper.SystemTime()
    system_time = crud.read(provider, system_time)
    print("System uptime is" +
          str(timedelta(seconds=system_time.uptime.uptime)))
    exit()
```

Refer to the exhibit. Regarding the Python script using YDK, what is the result for a device that is running Cisco IOS XR Software?

- A. retrieves the system time
- B. configures the system time
- C. prints the uptime of the CRUDService
- D. prints the system uptime

Correct Answer: D

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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

---

### QUESTION 3

```
<?xml version= "1.0" encoding= "UTF-8" ?>
<employees>
  <employee>
    <id>1</id>
    <firstName>Jane</firstName>
    <firstName>Doe</lastName>
  </employee>
  <employee>
    <id>2</id>
    <firstName>Tim</firstName>
    <lastName>Public</lastName>
  </employee>
  <employee>
    <id>3</id>
    <firstName>John</firstName>
    <lastName>Doe</latName>
  </employee>
</employees>
```

Refer to the exhibit. Using the provided XML snippet, which Xpath expression prints "Jane"?

A. //employee[1]/firstName/value()

B. //employee[0]/firstName/value()

C. //employee[1]/firstName/text()

D. //employee[0]/firstName/text()

Correct Answer: D

---

## QUESTION 4

When using Cisco YDK, which syntax configures the BGP ASN using OpenConfig BGP?

- A. `bgp.config.as_ = 65000`
- B. `bgp.global_.config.as = 65000`
- C. `bgp.global.config.as_ = 65000`
- D. `bgp.global_.config.as_ = 65000`

Correct Answer: D

Reference: <https://www.ciscolive.com/c/dam/r/ciscolive/emea/docs/2019/pdf/BRKNMS-2032.pdf>

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## QUESTION 5

Which two data formats are human readable? (Choose two.)

- A. YAML
- B. Apache Arrow
- C. gRPC
- D. binary
- E. JSON

Correct Answer: AE

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