300-535 Q&As

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QUESTION 1

Which statement describes an asynchronous API communication?

A. Asynchronous communication waits for a response.

B. Synchronous communication is with a central orchestrator.

C. It is not necessary to wait for availability of a resource.

D. An application can freeze if there is no response from a request.

Correct Answer: C

QUESTION 2

Which command configures the remote peer when the Cisco IOS XR Traffic Controller is used?

A. peer-sync ipv4 192.168.0.3

B. state ipv4 192.168.0.3

C. peer ipv4 192.168.0.3

D. state-sync ipv4 192.168.0.3

Correct Answer: D

Reference: https://www.cisco.com/c/en/us/td/docs/routers/asr9000/software/asr9k-r6-2/segment-routing/configuration/guide/b-segment-routing-cg-asr9000-62x/b-seg-routing-cg-asr9000-62x_chapter_01001.html

QUESTION 3

What are two fundamental design constraints of a RESTful API? (Choose two.)

A. It includes a series of interactions to the API that are dependent on one another.

B. It is dependent on the communication protocol being HTTP.

C. It exposes procedures or functions for a client call.

D. Each interaction is independent from all others on the server side.

E. It is a client-server communication model where the client and the server are independent of one another.

Correct Answer: DE

QUESTION 4

An engineer wants to replace the BLOCK_BAD ACL on the Cisco IOS XE router with this new content. The engineer wants to use RESTCONF for this and constructs a PUT request to the resource/restconf/data/native/ip/access-list/Cisco-IOS-XE-acl:extended=BLOCK_BAD. What must the body look like to achieve the Cisco IOS XE configuration?

Desired configutation:

ip access-list extended BLOCK_BAD permit ip any host 192.168.20.1 deny ip any any

A.

```
{
    "ip": {
     "access-list": {
      "Cisco-IOS-XE-acl:extended": {
          "name": "BLOCK_BAD",
          "access-list-seq-rule": [{
                "sequence": "10",
                "ace-rule": {
                  "action": "permit",
                  "protocol": "ip",
                  "any": [
                     null
                  ],
                  "dst-host": "192.168.20.1"
                }
              },
              {
                "sequence": "20",
                "ace-rule": {
                  "action": "deny",
                  "protocol": "ip",
                  "any": [
                     null
                  ],
                  "dst-any": [
                   null
                  ]
                }
          ]
      ]
    }
  }
}
```

B.

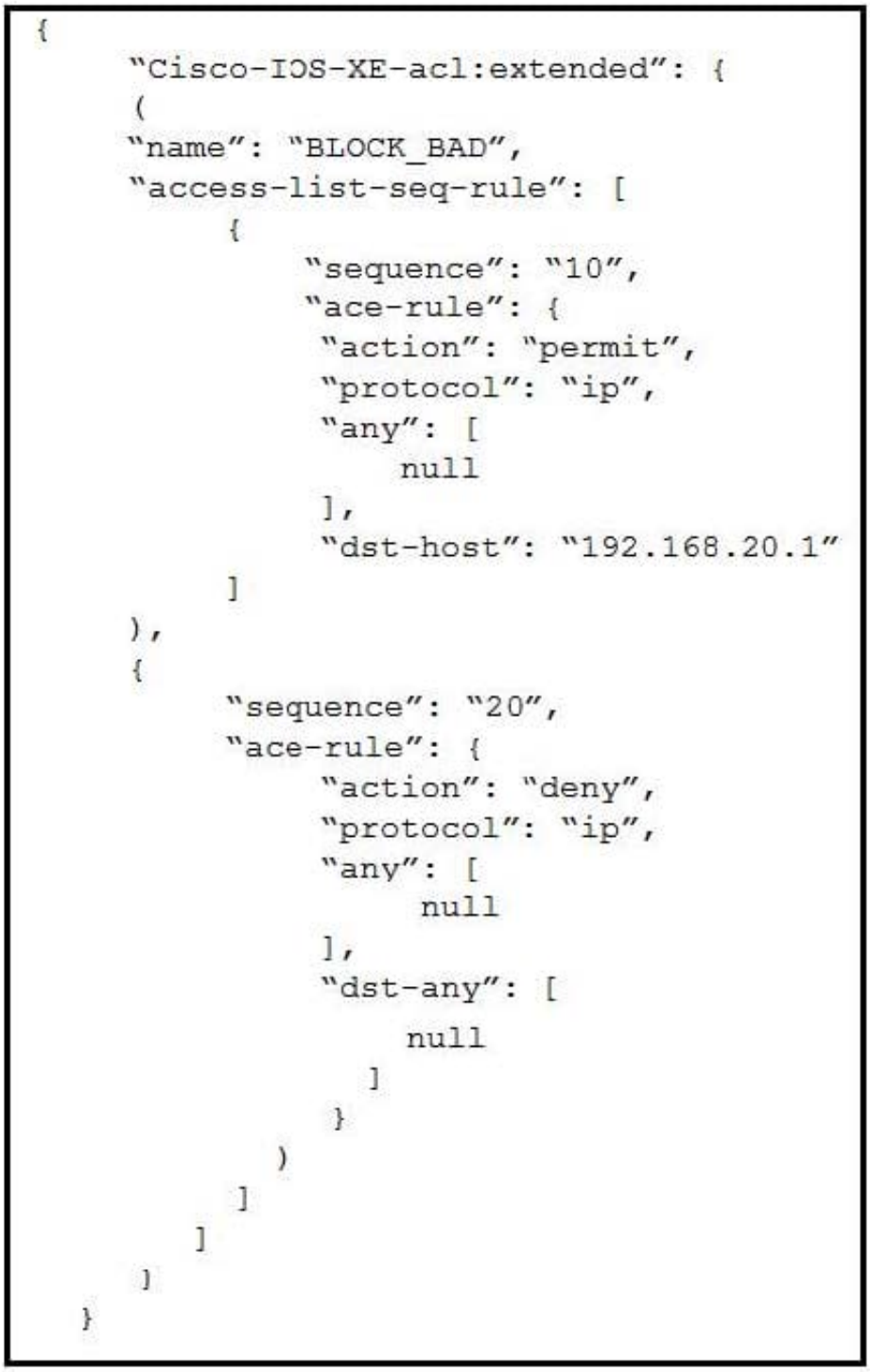
```
{
    "name": "BLOCK_BAD",
    "access-list-seq-rule": [
        {
            "sequence": "10",
            "ace-rule" : {
                "action": "permit",
                "protocol" : "ip",
                "any": [
                        null
                ],
                "dst-host": "192.168.20.1"
            }
        },
        {
            "sequence": "20",
            "ace-rule": {
                "action": "deny",
                "protocol": "ip",
                "any": [
                        null
                ],
                "dst-any": [
                      null

                ]
            }
        }
    ]
)
```

C.

```
{
    "Cisco-IOS-XE-acl:extended": {
    "name": "BLOCK_BAD",
    "access-list-seq-rule": [
        {
            "sequence": "10",
            "ace-rule": {
             "action": "permit",
             "protocol": "ip",
             "any": [
                 null
             ],
             "dst-host": "192.168.20.1"
        ]
    ),
    {
        "sequence": "20",
        "ace-rule": {
            "action": "deny",
            "protocol": "ip",
            "any": [
                null
            ],
            "dst-any": [
                null
              ]
            }
          }
        ]
    }
  }
```

D.



```
{
    "Cisco-IOS-XE-acl:extended": {
    (
    "name": "BLOCK_BAD",
    "access-list-seq-rule": [
        {
            "sequence": "10",
            "ace-rule": {
             "action": "permit",
             "protocol": "ip",
             "any": [
                 null
             ],
             "dst-host": "192.168.20.1"
        ]
    ),
    {
        "sequence": "20",
        "ace-rule": {
            "action": "deny",
            "protocol": "ip",
            "any": [
                 null
            ],
            "dst-any": [
                null
              ]
             }
          )
        ]
      ]
    }
}
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: D

QUESTION 5

```
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