

Version: 22.0

Question: 1

To which subzone can you apply bandwidth limitations?

- A. default, traversal, and all manually configured subzones
- B. manually configured subzones
- C. cluster
- D. default

Answer: A

Question: 2

Which two statements regarding you configuring a traversal server and traversal client relationship are true? (Choose two.)

- A. VCS supports only the H.460.18/19 protocol for H.323 traversal calls.
- B. VCS supports either the Assent or the H.460.18/19 protocol for H.323 traversal calls.
- C. VCS supports either the Assent or the H.460.18/19 protocol for SIP traversal calls.
- D. If the Assent protocol is configured, a TCP/TLS connection is established from the traversal client to the traversal server for SIP signaling.
- E. A VCS Expressway located in the public network or DMZ acts as the firewall traversal client.

Answer: B, D

Question: 3

On which two call logs is the media encryption enforced in a Collaboration Edge design? (Choose two)

- A. Expressway-C to internal endpoint
- B. Expressway-E to outside-located endpoint
- C. Expressway-C to Expressway-E
- D. Expressway-E to Cisco Unified Communications Manager
- E. Expressway-C to Cisco Unified Communications Manager

Answer: BC

Question: 4

Which option best describes a service that assembles a network model from configured locations and link data in one or more clusters?

- A. LBM Hub
- B. LBM
- C. Shadow
- D. Weight

Answer: B

Question: 5

Which two options are valid service parameter settings that are used to set up proper video QoS behavior across the Cisco Unified Communications Manager infrastructure? (Choose two.)

- A. DSCP for Video Calls when RSVP Fails
- B. Default Intra-region Min Video Call Bit Rate (Includes Audio)
- C. Default Inter-region Max Video Call Bit Rate (Includes Audio)
- D. DSCP for Video Signaling
- E. DSCP for Video Signaling when RSVP Fails

Answer: A, C

Question: 6

Which two features are part of Cisco Unified Mobility? (Choose Two)

- A. Mobile Voice Access
- B. Device Mobility
- C. Enterprise Feature Access
- D. Shared line
- E. Extension Mobility Cross Cluster

Answer: AC

Question: 7

Which three steps are necessary to configure mobile and remote access on Cisco VCS Control? (Choose three)

- A. Register voice gateways with Cisco Unified Communications Manager
- B. Configure Cisco VCS for Cisco Unified Communication
- C. Configure Directory Services for Cisco Unified Communication
- D. Discover Cisco Unified Communicators Manager and IM&P Servers.
- E. After the discovery confirm the connectivity between Cisco VCS Control with Cisco Unified Communication Manager and IM&P

F. Configure DNS and NTP

Answer: ABF

Question: 8

An Enterprise Alternate Number is not reachable in GDPR. What navigation will allow an engineer to configure an automatic switching to a backup number?

- A. PSTN failover numbers
- B. External Phone Number Mask
- C. CFUR
- D. Voicemail

Answer: A

Question: 9

In Cisco Unified Communications manager, where can you configure the default codec between two different regions for all endpoints?

- A. Device Pool configuration
- B. Service Parameters
- C. Enterprise Parameters
- D. Endpoint Configuration

Answer: B

Question: 10

An administrator is setting up analog phones that connect to a Cisco VG310. Which type of gateway or trunk on Cisco Unified Communication Manager for the Cisco VG310 must the administrator set up to allow the phones to have the call pickup feature?

- A. H.323 gateway
- B. SCCP gateway
- C. H.225 trunk
- D. MGCP gateway
- E. SIP trunk

Answer: B

http://www.cisco.com/c/en/us/products/collateral/unified-communications/vg-seriesgateways/product_data_sheet09186a00801d87f6.html

Question: 11

A local gateway is registered to Cisco TelePresence Video Communication Server with a prefix of 7. The administrator wants to stop calls from outside the organization being routed through it. Which CPL configuration accomplishes this goal?

A)

```
<?xml version="1.0" encoding="UTF-8" ?>
<cpl xmlns="urn:ietf:params:xml:ns:cpl"
  xmlns:taa="http://www.tandberg.net/cpl-extensions"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:ietf:params:xml:ns:cpl cpl.xsd">
  <taa:routed>
    <taa:rule-switch>
      <taa:rule originating-zone="TraversalZone" destination="7(*)">
        <!-- External calls are not allowed to use this gateway -->
        <!-- Reject call with a status code of 403 (Forbidden) -->
        <reject status="403" reason="Denied by policy"/>
      </taa:rule>
      <taa:rule origin="(*)" destination="(*)">
        <!-- All other calls allowed -->
        <proxy/>
      </taa:rule>
    </taa:rule-switch>
  </taa:routed>
</cpl>
```

B)

```
<?xml version="1.0" encoding="UTF-8" ?>
<cpl xmlns="urn:ietf:params:xml:ns:cpl"
  xmlns:taa="http://www.tandberg.net/cpl-extensions"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:ietf:params:xml:ns:cpl cpl.xsd">
  <taa:routed>
    <taa:rule-switch>
      <taa:rule originating-zone="NeighborZone" destination="7(*)">
        <!-- External calls are not allowed to use this gateway -->
        <!-- Reject call with a status code of 403 (Forbidden) -->
        <reject status="403" reason="Denied by policy"/>
      </taa:rule>
      <taa:rule origin="(*)" destination="(*)">
        <!-- All other calls allowed -->
        <proxy/>
      </taa:rule>
    </taa:rule-switch>
  </taa:routed>
</cpl>
```

C)

```
<?xml version="1.0" encoding="UTF-8" ?>
<cpl xmlns="urn:ietf:params:xml:ns:cpl"
  xmlns:taa="http://www.tandberg.net/cpl-extensions"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="urn:ietf:params:xml:ns:cpl cpl.xsd">
  <taa:routed>
    <taa:rule-switch>
      <taa:rule originating-zone="TraversalSubzone" destination="7(*)">
        <!-- External calls are not allowed to use this gateway -->
        <!-- Reject call with a status code of 403 (Forbidden) -->
        <reject status="403" reason="Denied by policy"/>
      </taa:rule>
      <taa:rule origin="(*)" destination="(*)">
        <!-- All other calls allowed -->
        <proxy/>
      </taa:rule>
    </taa:rule-switch>
  </taa:routed>
</cpl>
```

D)

```

<?xml version="1.0" encoding="UTF-8" ?>
<cpl xmlns="urn:ietf:params:xml:ns:cpl"
xmlns:taa="http://www.tandberg.net/cpl-extensions"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:ietf:params:xml:ns:cpl cpl.xsd">
  <taa:routed>
    <taa:rule-switch>
      <taa:rule originating-zone="TraversalZone" destination="7(.\\d)">
        <!-- External calls are not allowed to use this gateway -->
        <!-- Reject call with a status code of 403 (Forbidden) -->
        <reject status="403" reason="Denied by policy"/>
      </taa:rule>
      <taa:rule origin="(*)" destination="(*)">
        <!-- All other calls allowed -->
        <proxy/>
      </taa:rule>
    </taa:rule-switch>
  </taa:routed>
</cpl>

```

E)

```

<?xml version="1.0" encoding="UTF-8" ?>
<cpl xmlns="urn:ietf:params:xml:ns:cpl"
xmlns:taa="http://www.tandberg.net/cpl-extensions"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="urn:ietf:params:xml:ns:cpl cpl.xsd">
  <taa:routed>
    <taa:rule-switch>
      <taa:rule originating-zone="TraversalZone" destination="(*)">
        <!-- External calls are not allowed to use this gateway -->
        <!-- Reject call with a status code of 403 (Forbidden) -->
        <reject status="403" reason="Denied by policy"/>
      </taa:rule>
      <taa:rule origin="(*)" destination="(*)">
        <!-- All other calls allowed -->
        <proxy/>
      </taa:rule>
    </taa:rule-switch>
  </taa:routed>
</cpl>

```

- A. Exhibit A
- B. Exhibit B
- C. Exhibit C
- D. Exhibit D
- E. Exhibit E

Answer: A

Question: 12

When configuring a video ISDN gateway. Which two actions are requirements for the cisco preferred Architecture for enterprise collaboration? (choose two)

- A. Use SIP instead of H.323.
- B. Perform dial string manipulation on Cisco Unified Communications Manager.
- C. Use an * (asterisk) at the end of each ISDN number, as a suffix.
- D. Use H.323 instead of SIP.
- E. Use an ! (exclamation point) at the end of each ISDN number, as a suffix.

Answer: AB

Question: 13

You are deploying a Cisco unified communications manager solution with MGCP gateways at multiple locations. Which firewall and ACL configuration must you perform to allow the MCGP gateways to function correctly?

- A. Block TCP port 1720
- B. Allow access to TCP port 1720
- C. Block access to TCP ports 2427 and 2428
- D. Allow access to IGP port 2428.
- E. Open access to all TCP and UDP ports.

Answer: D

Question: 14

Which three steps are required to configure a SIP trunk on Cisco VCS towards cisco unified communications manager? (Choose three)

- A. Configure a neighbor zone that contains the Cisco Unified Communications Manager.
- B. Configure a route pattern zone that contains the Cisco Unified Communications Manager.
- C. Configure a transform that converts numbers to appropriate domains.
- D. Configure a SIP trunk with Cisco Unified Communications Manager destination IP addresses.
- E. Configure a search rule to route calls to the Cisco Unified Communications Manager neighbor zone.
- F. Configure a SIP trunk security profile.

Answer: ACE

Question: 15

For inbound calls that use SIP gateways to cisco unified communications manager, which two options are available when configuring the format for the calling number type? (Choose two)

- A. Unknown
- B. Subscriber
- C. Long Distance
- D. Default
- E. SIP

Answer: BC

Question: 16

Which device must be responsible for properly making network traffic when a cisco ip phone is connected to a cisco switch?

- A. core layer switch
- B. access layer switch
- C. branch router
- D. Cisco IP phono

Answer: B

Question: 17

Which field must be populated to assign a default directory URI partition in Communication Manager?

- A. Directory URI Alias Partition
- B. Alias URI Directory Partition
- C. Alias URI Partition
- D. Directory URI Partition

Answer: A

Question: 18

Your company's main number is 408-526-7209, and your employee's directory numbers are 4-digit numbers. Which option should be configured if you want outgoing calls from 4-digit internal directory number to be presented as a 10-digit number?

- A. calling party transformation pattern
- B. AAR group
- C. translation pattern
- D. route pattern

Answer: A

Question: 19

How is the peer address configured when Expressway-E has only one NIC enabled and is using static NAT mode?

- A. Expressway-E DHCP
- B. Cisco Unified Communications Manager DHCP
- C. Expressway-E FQDN
- D. Cisco Unified Communications Manager FQDN

Answer: C

Question: 20

Which two items must you configure in Cisco Unified Communications Manager to deploy Cisco SAF?
(Choose two)

- A. an MWI
- B. voicemail ports
- C. a security profile
- D. a forwarder
- E. a remote destination profile

Answer: CD

Question: 21

An engineer must ensure that a device register to Cisco VCS-C. Which protocol accomplish this task?

- A. H.260
- B. H.264
- C. MGCP
- D. SIP

Answer: D

Question: 22

A CUCM cluster has been set up with one to one (1:1) call processing redundancy. What two occurrences will be seen when the primary subscriber fails? (Choose two)

- A. The secondary subscriber will start its CallManager service
- B. 40 SCCP phones per second will be able to register to the secondary subscriber.
- C. The secondary subscriber will start its TFTP service
- D. 125 SCCP phones per second will be able to register to the secondary subscriber.
- E. 40 SIP phones per second will be able to register to the secondary subscriber.
- F. 125 SIP phones per second will be able to register to the secondary subscriber

Answer: DE

Question: 23

Company X has three locations connected via a low bandwidth WAN. Which two configurations are required in the Cisco Unified Communications Manager region to provide the most suitable use of bandwidth while preserving the call quality? (Choose two)

- A. g722/g711 for intraregion calling
- B. g722/g711 codec for all calling
- C. g729 codec for all calling
- D. g729 codec for intraregion calling

- E. g722/g711 codec for interregion calling
- F. g729 codec for interregion calling

Answer: AF

Question: 24

In which two locations can you verify that a phone has a standby Cisco Unified communications manager? (Choose two)

- A. phone webpage
- B. RTMT
- C. Cisco Unified Serviceability
- D. phone menu

Answer: AD

Question: 25

Select two command. One of which can be used to verify Cisco Ip phone Sip registration and one of which can be used to verify Cisco Ip phone sccp registration on Cisco unified Communications Manager express? (Choose two)

- A. show ccm-manager hosts
- B. show ephone registered
- C. show voice register session-server
- D. show sip-ua status registrar
- E. show telephony-service ephone-dn

Answer: BD

Question: 26

An engineer implemented a VCS as a gateway to allow SIP and H323 endpoints to register, what recommended protocol or gateway should be used.

- A. SIP trunk gatekeeper
- B. H323 gateway
- C. H321 gateway-based
- D. SIP

Answer: B
