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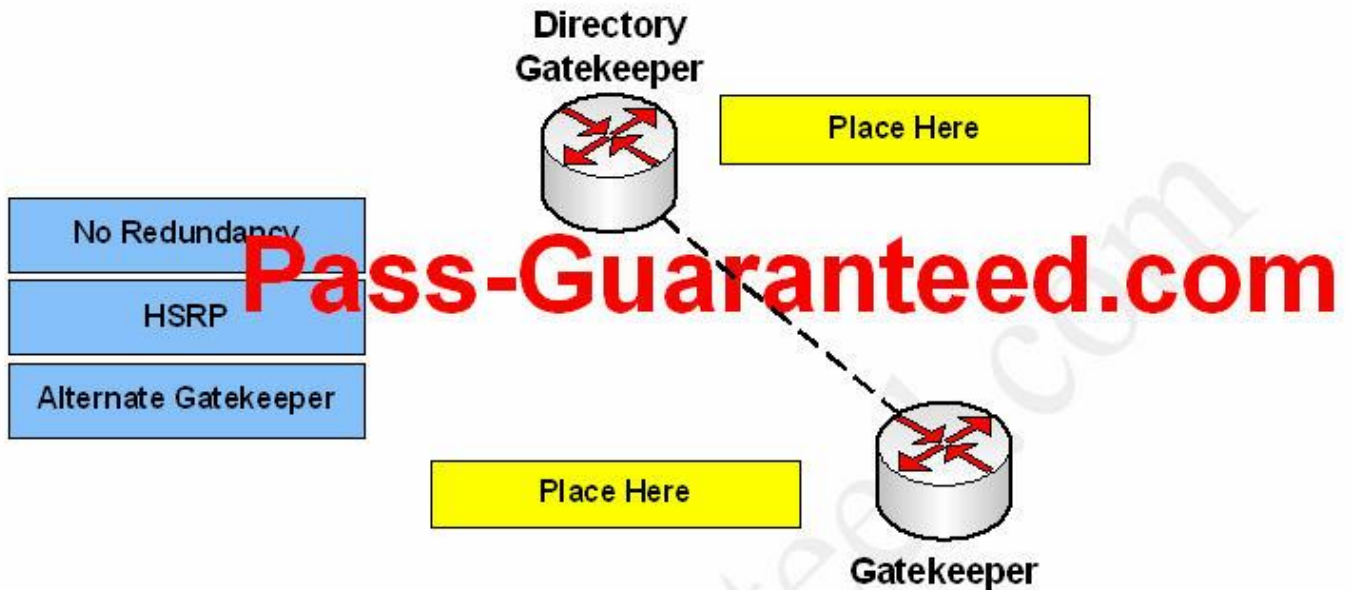
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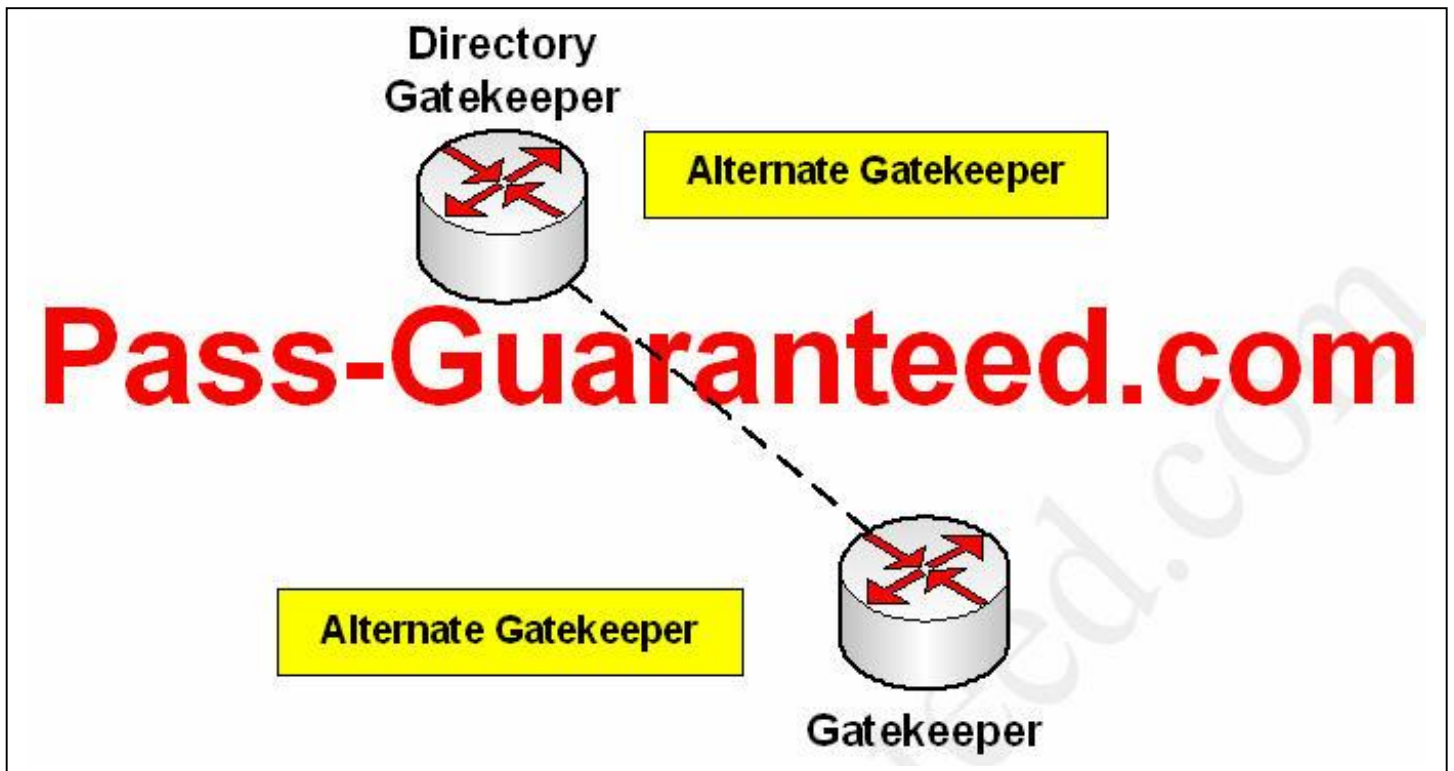
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QUESTION: 1 DRAG DROP

As an instructor at Pass.com you are required to click and drag the recommended redundancy method to each layer of the gatekeeper hierarchy. An item may be used more than once.



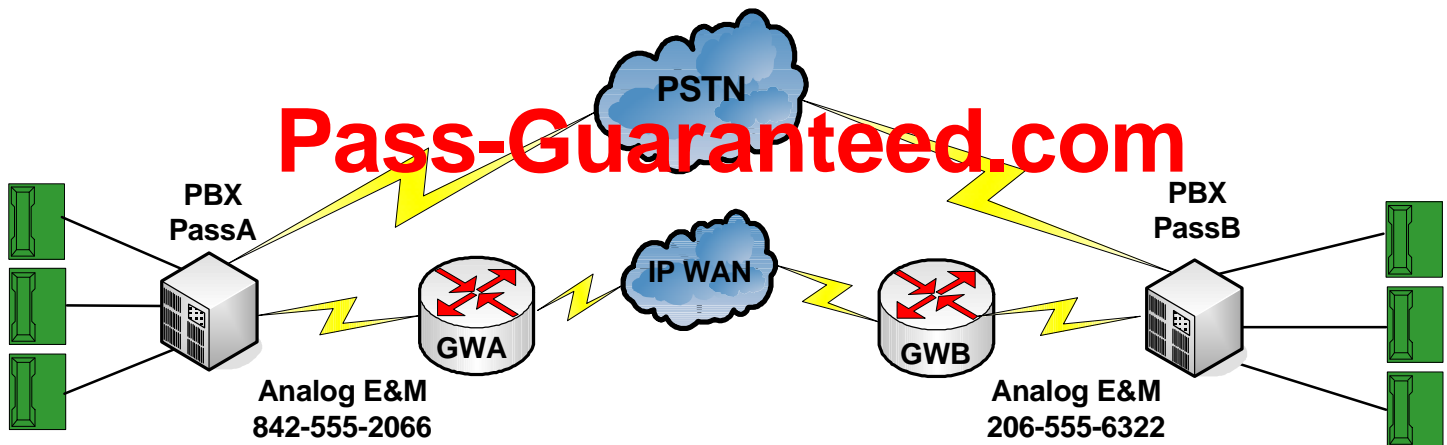
Answer:



Explanation:

Cisco recommends that you use gatekeeper clustering (that is Alternate Gatekeeper) to provide gatekeeper redundancy whenever possible. Use HSRP for redundancy only if gatekeeper clustering is not available in your software feature set. In any layer of gatekeeper hierarchy, Alternate Gatekeeper methods are recommended.

QUESTION: 2 Network Topology Exhibit



You are working with Pass.com in the lab to test toll bypass. There are two small PBXs designated PBX PassA and PBX PassB that have been connected back-to-back to simulate a tie-line from the PSTN. The client would like to remove the tie-line and carry his voice traffic over the IP WAN.

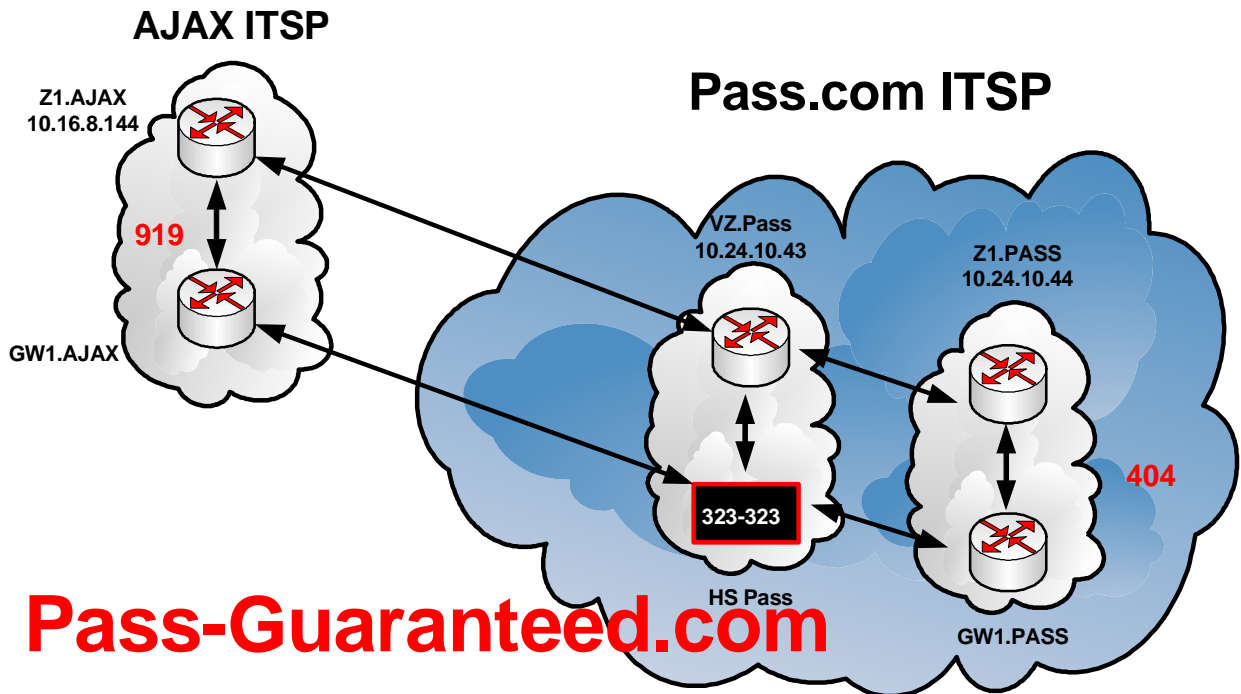
Which four main parameters define how the connection will be configured between the gateway and the PBX? Choose four.

- A. WAN link speeds
- B. E&M type and wiring scheme
- C. Support for option 81 on the PBX
- D. Start dial supervision signaling
- E. Address signaling type
- F. Audio implementation

Answer: B, D, E, F

QUESTION: 3

Network Topology Exhibit



Pass.com ITSP would like to be able to test an IP-to-IP gateway. Pass.com has set up two ITSPs in the lab to simulate a real-world situation.

Which set of commands will configure the VZ.Pass gatekeeper correctly?

A. gatekeeper

!

zone local vz Pass 10.24.10.43

zone remote vz Pass 10.24.10.44 in z1

zone remote z1ajax ajax 10.24.10.144 1079 in z1

zone prefix Z1AJAX 919*

B. gatekeeper

!

zone local Z1AJAX ajax 10.24.10.44

zone remote vz Pass 10.24.10.43 invia z1ajax

zone remote Z1AJAX ajax 10.16.8.144 1719 outvia Z1AJAX

zone prefix Z1AJAX 919*

C. gatekeeper

!

zone local Z1AJAX ajax 10.24.10.44

zone remote vz Pass 10.24.10.43 in z1ajax

zone remote Z1AJAX ajax 10.16.8.144 1719 out Z1AJAX

zone prefix Z1AJAX 919*

D. gatekeeper

!

zone local vz 10.24.10.43

zone remote z1 Pass 10.24.10.44 invia vz

zone remote z1ajax ajax 10.16.8.144 1719 outvia z1

zone prefix Z1AJAX 919*

Answer: D

QUESTION: 4

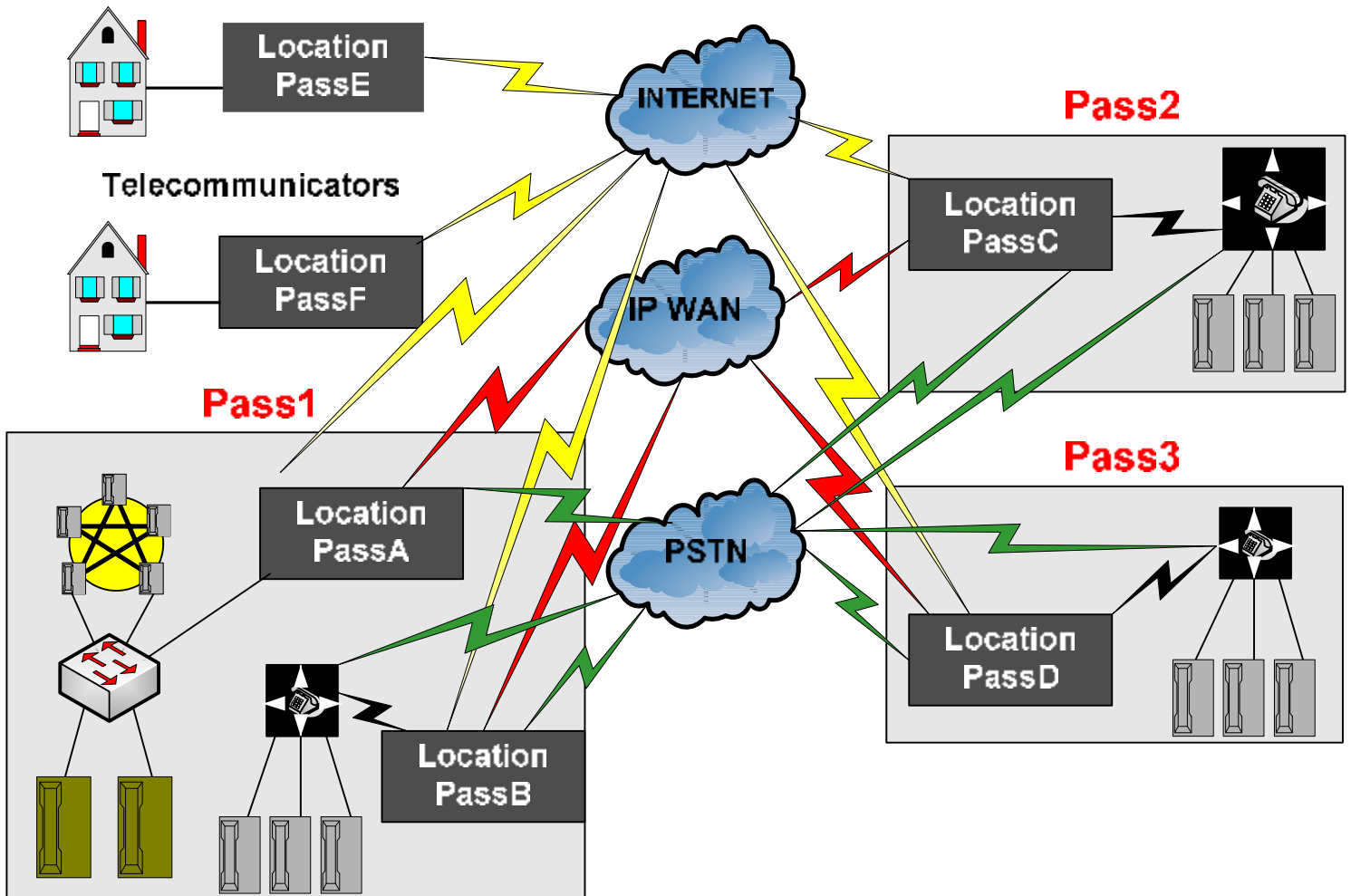
You have a client that is a national organization that has deployed an IP telephony network across all of the offices. The organization is divided into geographic regions. These regions include the east, the Midwest, and the west. The organization would like to deploy a directory gatekeeper to provide dial-plan resolution for all of the regions. Which three statements correctly describe a DGK solution? (Choose Three)

- A. Provides fault tolerance through a full mesh of regional gatekeepers
- B. Allows up to a four-tier gatekeeper hierarchy to be deployed
- C. Simplifies regional gatekeeper provisioning
- D. Does not limit the number of hops in an LRQ
- E. Allows local zones and LRQ forwarding zones to be mixed
- F. The directory-gatekeeper maintains states about the forwarded-LRQ calls.

Answer: B, C, E

QUESTION: 5

Exhibit:



Refer to the exhibit. Pass.com is in the process of migrating from a traditional PBX telephony system to an IP telephony system at the Pass1 headquarters. Pass.com would like to start migrating the regional offices in Pass2 and Pass3 off the existing tie-line and onto the IP WAN. In which locations would voice-enabled gateways need to be deployed? (Choose Four)

- A. Location PassA
- B. Location PassB
- C. Location PassC
- D. Location PassD
- E. Location PassE
- F. Location PassF

Answer: A, B, C, D

QUESTION: 6

Pass.com has configured two T1 trunks on a gateway. The first trunk connects to a call center and sends ANI to differentiate how each call is handled. The second trunk connects to the PSTN for all outgoing calls, but the local PSAP is unable to receive ANI from this trunk. What can be done to resolve this issue?

- A. configure an H.323 gateway so that the T1 to the call center has two DS-0 groups, one to send ANI and one to receive ANI
- B. configure an MGCP gateway so that both T1s have two DS-0 groups each, one to send ANI and one to receive ANI
- C. configure an H.323 gateway so that there are two DS-0 groups on the T1 from the PSTN, one to send ANI and one to receive ANI
- D. configure an H.323 gateway so that the T1 from the PSTN receives ANI and the T1 to the call center sends ANI
- E. configure an H.323 gateway so that there are four DS-0 groups; each T1 will have a DS-0 group that will send ANI and one that will receive ANI

Answer: C

QUESTION: 7

You are working with Pass.com who is interested in deploying a distributed IP telephony call-processing solution among the three corporate campuses. Each campus will have a Cisco CallManager cluster and a gateway to the PSTN. Which three design considerations need to be determined or selected for a successful gatekeeper deployment? (Choose Three)

- A. Determine if the total WAN bandwidth for voice and data will exceed 75% of total link capacity
- B. Calling patterns to the PSTN
- C. Intersite modem and fax traffic patterns
- D. A common codec for all WAN connections
- E. The correct WAN topology
- F. If gatekeeper redundancy or high availability is required

Answer: D, E, F