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What is the purpose of the Suppress BGP Advertisement for Inactive Routes feature?

- A. To enable automatic BGP filtering of prefixes during a DoS attack
- B. To send and receive capabilities minimizing the number of the BGP updates
- C. To suppress the unnecessary downloading of BGP routes to the RIB and FIB on a dedicated route reflector, which propagates BGP updates without carrying transit traffic
- D. To suppress BGP advertisement for routes that are not installed in the RIB

Answer: D

Which layer distinguishes the two types of the types of the 10Gigabit Ethernet technologies LAN PHY and WAN PHY?

- A. WAN Interface Sublayer
- B. Physical medium Dependent Sublayer
- C. Medium
- D. Physical Medium Attachment Sublayer

Answer: B

Which two new IS-IS sub-TLVs were created for MPLS-TE implementation? (Choose two)

- A. Administration group
- B. Narrow metric
- C. Maximum link bandwidth
- D. SRLG
- E. Multitopology

Answer: A, C

During a failure, which BGP feature forces subsecond convergence to an alternate path?

- A. BGP scanner timer reduced to minimal
- B. Prefix-Independent Convergence
- C. Aggressive BGP keepalive and holdtime timers
- D. Bidirectional Forwarding Detection

Answer: B

Which statement describes the purpose of the EoBC links on an nV Edge solution using Cisco ASR 900 Series?

- A. Provide backup transport of data plane traffic
- B. Prevent split-brain behavior in case of other link loss
- C. Provide primary transport of data plane traffic
- D. Synchronize control plane state information

Answer: D



Refer to the exhibit. The ACL entry `access-lists 110 deny ip 200.10.0.0 0.0.255.255 any` is applied at the edge of the service provider network, for inbound traffic

What does this ACL entry do?

- A. Denies any internal infrastructure address advertisement
- B. Protects against spoofing attacks
- C. Protects the property-information network from several unwanted sources
- D. Follows the RFC 1918 recommendation

Answer: B

```
router# show ip ospf | i SPF
Initial SPF schedule delay 5000 msec
Minimum hold time between two consecutive SPF calculations 10000 msec
Maximum wait time between two consecutive SPF calculations 10000 msec
```

Refer to the exhibit. What is the benefit of using this solution?

- A. Local microloop avoidance
- B. Recomputed DUAL to find an alternate path
- C. Saves CPU resources
- D. Limit the number of nonself-generated LSAs

Answer: C



Which three SNMP features are supported only on SNMP version 3? (Choose three.)

- A. GET BULK operation
- B. Textual convention
- C. Inform operation
- D. 64-bit counter
- E. Authorization and access controls
- F. Authentication
- G. Privacy (encryption)

Answer: E, F, G

Which three pieces of transmission equipment comprise the GPON network? (Choose three.)

- A. Splitter
- B. ROADM
- C. OA
- D. ONT
- E. Repeater
- F. OADM
- G. OLT

Answer: A, D, G

Which two technologies suppress routing changes on SSO-enabled peer devices during processor switchover events, which reduces network instability and downtime? (Choose two.)

- A. SSO
- B. NSR
- C. GR
- D. NSF
- E. LDP-IGP synchronization

Answer: A, D