350-029^{Q&As}

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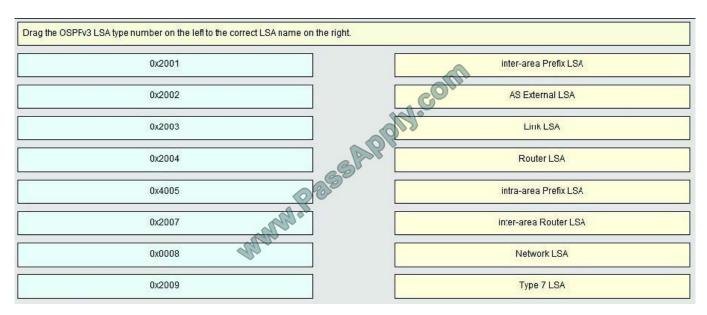Following Questions and Answers are all new published by Cisco
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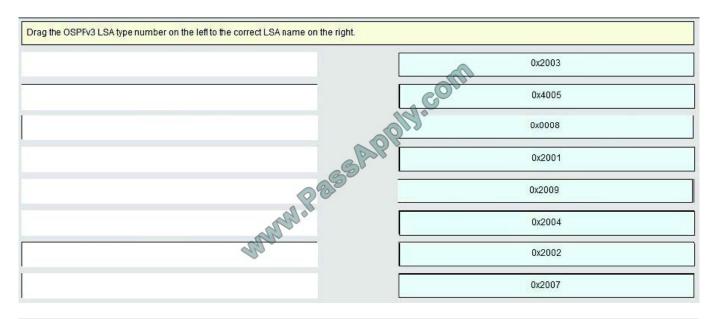
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QUESTION 1

Select and Place:

Drag the OSPFv3 LSA type number on the left to the correct LSA name on the right.	
0x2001	inter-area Prefix LSA
0x2002	AS External LSA
0x2003	Link LSA
0x2004	Router LSA
0x4005	intra-area Prefix LSA
0x2007	inter-area Router LSA
0x0008	Network LSA
0x2009	Type 7 LSA

Correct Answer:

Drag the OSPFv3 LSA type number on the left to the correct LSA name on the right.	
	0x2003
	0x4005
	0x0008
	0x2001
	0x2009
	0x2004
	0x2002
	0x2007

QUESTION 2

Which feature provides rapid failure detection times between the forwarding engines, while maintaining low overhead?

A. Resource Reservation protocol

B. Precision Time protocol

C. bidirectional forwarding detection

D. MPLS traffic engineering

E. fast hello

F. nonstop forwarding

Correct Answer: C

QUESTION 3

Which 4 statements regarding MPLS Label Stack Encoding is true?

A. A value of 4 represents the "Implicit NULL Label."

B. A value of 0 represents the "IPv4 Explicit NULL Label."

C. A value of 1 represents the "Router Alert Label".

D. A value of 2 represents the "IPv6 Explicit NULL Label"

E. A value of 1 represents the "IPv1 Explicit NULL Label"

F. A value of 3 represents the "Implicit NULL Label"

Correct Answer: BCDF

A value of 0 represents the "IPv4 Explicit NULL Label". This label indicates that the label stack must be popped, and the packet forwarding must be based on the IPv4 header. This helps to keep Exp bits safe until the egress router. It is used in MPLS based QoS. A value of 1 represents the "Router Alert Label". When a received packet contains this label value at the top of the label stack, it is delivered to a local software module for processing. The actual packet forwarding is determined by the label beneath it in the stack. However, if the packet is forwarded further, the Router Alert Label should be pushed back onto the label stack before forwarding. The use of this label is analogous to the use of the "Router Alert Option" in IP packets (for example, ping with record route option)

A value of 2 represents the "IPv6 Explicit NULL Label". It indicates that the label stack must be popped, and the packet forwarding must be based on the IPv6 header. A value of 3 represents the "Implicit NULL Label". This is a label that an LSR can assign and distribute. However, it never actually appears in the encapsulation. It indicates that the LSR pops the top label from the stack and forwards the rest of the packet (labeled or unlabeled) through the outgoing interface (as per the entry in Lfib). Although this value might never appear in the encapsulation, it needs to be specified in the Label Distribution Protocol, so a value is reserved.
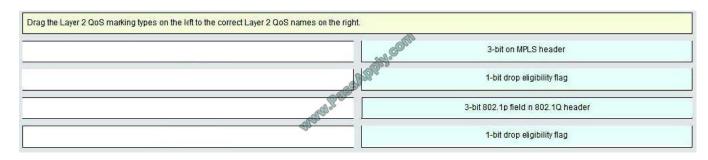

QUESTION 4

Select and Place:

Drag the Layer 2 QoS marking types on the left to the correct Layer 2 QoS names on the right.

1-bit drop eligibility flag	experimental bit
3-bit 802.1p field in 802.1Q header	discard eligibility
1-bit drop eligibility flag	class of service
3-bit on MPLS header	cell loss priority

Correct Answer:

Drag the Layer 2 QoS marking types on the left to the correct Layer 2 QoS names on the right.

	3-bit on MPLS header
	1-bit drop eligibility flag
	3-bit 802.1p field n 802.1Q header
	1-bit drop eligibility flag

QUESTION 5

Select and Place:

Drag the MPLS label element on the left to the correct length on the right.

label value	1 bit
experimental use	3 bits
bottom of label stack	8 bits
TTL	20 bits

Correct Answer:

Drag the MPLS label element on the left to the correct length on the right.

	bottom of label stack
	experimental use
	TTL
	label value

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