Question 14

To satisfy the DMVPN's resiliency criteria, make sure every router has all the functionalities that are necessary. Choose every option that pertains.

Features Required	R61	R23	R24	R70
NHRP authentication				
NHRP Next Hop Server				
NHRP redirect				
NHRP shortcut				
Disabled split horizon and next-hop self				
Stub				
Summary rfc1918 address on tunnel				

Answer

Features Required	R61	R23	R24	R70
NHRP authentication	✔	✔	✔	✔
NHRP Next Hop Server	✔			✔
NHRP redirect		✔		
NHRP shortcut	✔			✔
Disabled split horizon and next-hop self		✔		
Stub	✔			✔
Summary rfc1918 address on tunnel		✔		

Question 15

Which routers will be used by the operations teams to diagnose DMVPN problems? Choose every option that pertains.

Related Issues	R23	R24	R21	R6	R3
Encryption method	✓	✓			
Link down	✓	✓			
IPSec Keys	✓	✓			
NHRP	✓	✓			
Routing adjacency	✓	✓			
Physical interface MTU	✓	✓			
Tunnel interface MTU	✓	✓			

Answer

Related Issues	R23	R24	R21	R6	R3
Encryption method	✓	✓			
Link down	✓	✓			
IPSec Keys	✓	✓			
NHRP	✓	✓			
Routing adjacency	✓	✓			
Physical interface MTU	✓	✓			
Tunnel interface MTU	✓	✓			

Question 16 (S)

Which option satisfies the standards for a consistent time source?

- **Apply NTP v2 with boundary parameters to minimize anytime synchronization delays.**

- **Apply NTP v2 with slave and master nodes for the most accurate time synchronization across the network.**

- **Apply NTP in broadcast server and client mode to provide the most accurate time synchronization across the network.**

- **Apply PTP Ordinary Clock type with server and client modes for clock distribution and synchronization.**

- **Apply PTP Boundary Clock type to process all clock information between PTP domains.**

<mark>Answer</mark>

Apply PTP Ordinary Clock type with server and client modes for clock distribution and synchronization.

Question 17 (S)

Drag the relevant actions from the left onto the applicable QoS design options from the right for

Branch #4. Not every choice is made use of.

Options	Target
Mark with DSCP AF31 on R70	Voice traffic marking
Mark with DSCP AF21 on SW700	Video traffic marking
Implement a policeron R70	Congestion management
Implement WRED on R70	Guest traffic handling
Implement a shaperon R70	Voice traffic handling
Implement LLQ on R70	
Mark with DSCP AF41 on SW700	
Mark with DSCP EF on SW700	
Implement FIFO on R70	
Mark with DSCP AF43 on SW700	
Mark with DSCP EF on R70	
Implement LLQon SW700	

<mark>Answer</mark>

Options	Target
Mark with DSCP AF31 on R70	Mark with DSCP EF on SW700
	Mark with DSCP AF41 on SW700
Implement a policeron R70	Implement WRED on R70
	Implement a shaperon R70
	Implement LLQ on R70
Mark with DSCP AF41 on SW700	
Implement FIFO on R70	
Mark with DSCP AF43 on SW700	
Mark with DSCP EF on R70	
Implement LLQon SW700	