

## CCIE R&S Core Knowledge Question(2)

1. Which point-to-multipoint technology utilizes an IPv4 address embedded in an IPv6 address (the IPv4 address is converted to hexadecimal and then concatenated to the prefix 2002::/16) to allow isolated IPv6 domains to be connected over an IPv4 network to remote IPv6 networks? Highlight for answer: Automatic 6to4 Tunnels

2. Which OSPF feature allows a router to continue to forward packets while undergoing specific, well-known failure conditions? Highlight for answer: OSPF Graceful Restart

3. By default, OSPF floods new LSAs over all interfaces in the same area except?.. Highlight for answer: the interface that the LSA arrives on.

4. What are the default OSPF hello-interval and dead-interval for the OSPF broadcast network type? Highlight for answer: 10 seconds for the hello-interval and 40 seconds for the dead-interval.

5. R1#? \*r=resume; \*ri=?show ip route? release reload; rename; renew; restart resume; rlogin; rsh

What is true about the commands preceded by asterisks? Highlight for answer: They are aliases. More specifically, they are exec level aliases. Even more specifically, 'r' is one of the IOS Default Command Aliases, while 'ri' is a custom alias.