



642-883^{Q&As}

Deploying Cisco Service Provider Network Routing

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QUESTION 1

A network engineer wants to set the local preference to 100 for the specific BGP community sets of 100:1, 101:1, and 102:1. Which option can the engineer use to implement this through RPL, where the BGP community set list is made by the name of lowpri-communities?

- A. route-policy ch-pref if community matches lowpri-communities then set local-preference 100 endif end-policy
- B. route-policy ch-pref if community eq lowpri-communities then set local-preference 100 endif end-policy
- C. route-policy ch-pref if community matches-any lowpri-communities then set local-preference 100 endif end-policy
- D. route-policy ch-pref if community neq lowpri-communities then set local-preference 100 endif end-policy

Correct Answer: C

QUESTION 2

A service provider is deploying route redistributions for a large enterprise that wants to unify a few IGP routing domains into one to condense administration as well as common network and security policies. Which technique should be used to safely assume that the new routing domain is loop free?

- A. Enable filtering based on route-tagging on the redistribution points to avoid route- feedback.
- B. Define a static route to Null0 for all of the outgoing traffic on the redistribution points.
- C. Modify the metric associated with each redistributed prefix to implement loop-avoidance for inter-IGP routing domain designs.
- D. Disable the routing process on the interfaces with route-feedback potential on the redistribution points.

Correct Answer: A

QUESTION 3

Which two options are characteristics of Nonstop Forwarding and Nonstop routing? (Choose two.)

- A. NSR is graceful redundancy mechanism.
- B. NSR is stateful redundancy mechanism.
- C. NSF is stateful redundancy mechanism.
- D. NSF is graceful redundancy mechanism.

Correct Answer: BD

QUESTION 4



In a Cisco IOS XR OSPF NSF operation, which option is the result of a segment without NSF-capable peers?

- A. NSF is disabled on all segments on any linecard that has a non-NSF-capable neighbor.
- B. NSF capabilities for that segment are disabled.
- C. NSF operates in unidirectional mode for that segment.
- D. NSF is disabled globally on the router.

Correct Answer: B

QUESTION 5

When configuring Cisco IOS route maps, which command allows the route map processing to jump to another statement instead of exiting?

- A. jump
- B. next
- C. set
- D. continue
- E. goto

Correct Answer: D

Match Operations With Continue Clauses If a match clause does not exist in the route-map entry but a continue clause does, the continue clause will be automatically executed and go to the specified route-map entry. If a match clause exists in a route-map entry, the continue clause is executed only when a successful match occurs. When a successful match occurs and a continue clause exists, the route map executes the set clauses and then goes to the specified route-map entry. If the next route map contains a continue clause, the route map will execute the continue clause if a successful match occurs. If a continue clause does not exist in the next route map, the route map will be evaluated normally. If a continue clause exists in the next route map but a match does not occur, the route map will not continue and will "fall through" to the next sequence number if one exists.

Set Operations With Continue Clauses Set clauses are saved during the match clause evaluation process and executed after the route-map evaluation is completed. The set clauses are evaluated and executed in the order in which they were configured. Set clauses are only executed after a successful match occurs, unless the route map does not contain a match clause. The continue statement proceeds to the specified route-map entry only after configured set actions are performed. If a set action occurs in the first route map and then the same set action occurs again, with a different value, in a subsequent route map entry, the last set action may override any previous set actions that were configured with the same set command unless the set command permits more than one value. For example, the set as-path pretend command permits more than one autonomous system number to be configured.



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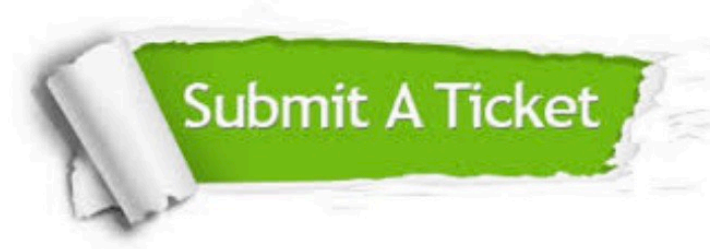
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