

CCNP 642-832 TSHOOT Ticket 1 – OSPF Authentication

In this post; [CCNP 642-832 TSHOOT TROUBLE TICKETS \(TT\) Questions](#), i have introduce the trouble tickets questions of 642-832 exam. And you can reading it carefully, any questions then contact me. Also, i have uploaded the topology. Lab-Sim Topology.pdf Solution Guide: 1.Client is unable to ping R1's serial interface from the client. Problem was disable authentication on R1, check where authentication is not given under router ospf of R1. (use ipv4 Layer 3) **Configuration on R1 was:** interface Serial0/0/0/0.12 point-to-point ip address 10.1.1.1 255.255.255.252 ip nat inside ip ospf message-digest-key 1 md5 TSHOOT ! router ospf 1 log-adjacency-changes network 10.1.1.0 0.0.0.3 area 12 default-information originate always **Configuration on R2 was:** interface Serial0/0/0/0.12 point-to-point ip address 10.1.1.2 255.255.255.252 ip ospf authentication message-digest ip ospf message-digest-key 1 md5 TSHOOT ! router ospf 1 log-adjacency-changes network 10.1.1.0 0.0.0.3 area 12 Answer: on R1 need command in router mode area 12 authentication message-digest Ans1) R1 Ans2) OSPF Ans3) ip ospf authentication message-digest command must be given on s0/0/0/0.12

----- Replace the 'Answer' with following statement On R1 need the command in interface configuration mode of S0/0/0 (not in router mode) Symptoms of above ticket are as below:- 1- No one is able to ping 10.1.1.1 (R1's S0/0/0 int) except R2. 2- Client 1 is able to ping upto 10.1.1.2 (R2's S0/0.12 int). 3- 'Sh ip ospf neighbor' command on R1 will not show any neighbor 4- 'sh ip route ospf' command on R1 will not show any OSPF route