

Redes de Computadoras

Reporte Prácticas

Laboratorio / Packet Tracer



Student Name	Date	MM	DD	YYYY
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Practice Name				
Modify Single-Area OSPFv2				

Competencies to develop
Part 1: Modify OSPF Default Settings
Part 2: Verify Connectivity

The Most Important	The most complicated
Configure ospf hello-interval	Configure clockrate on the interfaces of R1 and R2
Configure ospf dead-interval	
Adjust bandwidth on R1 and R2	

Errors	How they were resolved
1.- NA	
2.-	
3.-	

All Troubleshooting activities must be use this part to report the errors found and their solution. In the session how the problem was solved, put the commands that solve the problem

Conclusions
Aprendí que el interval de ospf hello, sirve para saber que tan seguido se van a mandar paquetes y el dead sirve para saber cuanto va a esperar el router los paquetes que le mandan

Evidences

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Expand/Collapse All
Show Incorrect Items

Assessment Items	Status	Points	Component(s)
Network			
R1			
Ports			
Serial0/0/0			
Bandwidth Info	Correct	5	Other
OSPF Dead-Interval	Correct	5	Routing
OSPF Hello-Interval	Correct	5	Routing
R2			
Ports			
Serial0/0/0			
OSPF Dead-Interval	Correct	5	Routing
OSPF Hello-Interval	Correct	5	Routing

PT Activity

Objectives

Part 1: Modify OSPF Default Settings

Part 2: Verify Connectivity

Scenario

In this activity, OSPF is already configured and all end devices currently have full connectivity. You will modify the default OSPF routing configurations by changing the hello and dead timers and adjusting the bandwidth of a link. Then you will verify that full connectivity is restored for all end devices.

Instructions

Part 1: Modify OSPF Default Settings

Step 1: Test connectivity between all end devices.

Before modifying the OSPF settings, verify that all PCs can ping the web server and each other.

Step 2: Adjust the hello and dead timers between R1 and R2.

a. Enter the following commands on R1.

```
R1(config)# interface s0/0/0
R1(config-if)# ip ospf hello-interval 15
```

Time Elapsed: 00:00:00 Completion: 100%

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