



**TECNOLÓGICO
NACIONAL DE MÉXICO**



Ingeniería en Sistemas Computacionales

Conmutación y enrutamiento de redes 14:00 – 15:00

Unidad 1

Evidencia 1: Rutas

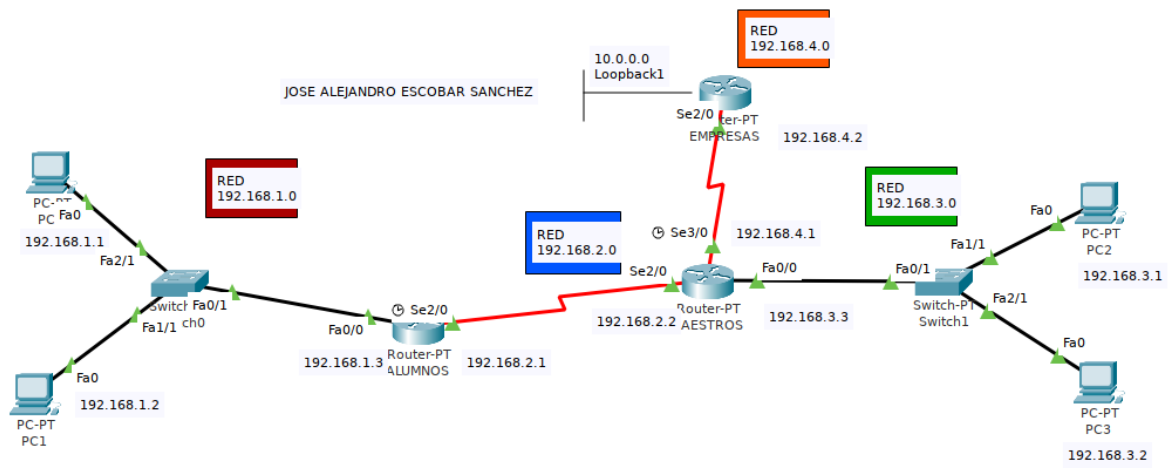
Docente: M.C. Angélica Salazar Ramírez

Alumno: Escobar Sánchez José Alejandro

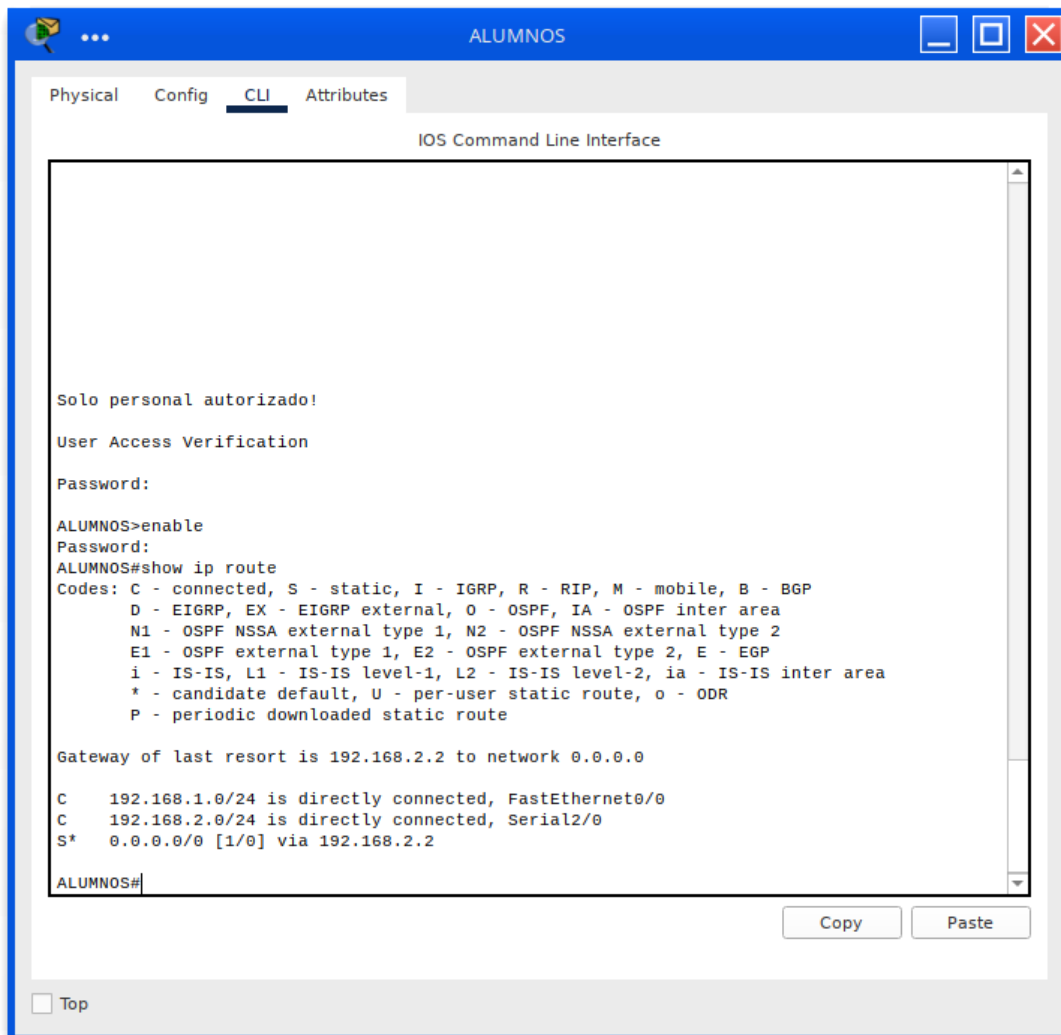
Control: 19170573

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Captura de la topología de red



Captura de 'show ip route' de router ALUMNOS



The screenshot shows a window titled 'ALUMNOS' with tabs for 'Physical', 'Config', 'CLI', and 'Attributes'. The 'CLI' tab is active, displaying the 'IOS Command Line Interface'. The interface shows a login prompt 'Solo personal autorizado!' followed by 'User Access Verification' and a password prompt. After entering the password, the user enters 'enable' to reach the privileged EXEC mode. Then, the user enters 'show ip route' to display the routing table. The output includes a legend for route codes (C, S, I, R, M, B, D, EX, O, IA, N1, N2, E1, E2, E, i, L1, L2, ia, *, U, o, P) and the gateway of last resort (192.168.2.2). The routing table shows three entries: a connected route for 192.168.1.0/24 on FastEthernet0/0, a connected route for 192.168.2.0/24 on Serial2/0, and a static route for 0.0.0.0/0 via 192.168.2.2. The prompt 'ALUMNOS#' is visible at the bottom of the CLI window.

```
Solo personal autorizado!  
User Access Verification  
Password:  
ALUMNOS>enable  
Password:  
ALUMNOS#show ip route  
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP  
        D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area  
        N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2  
        E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP  
        i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area  
        * - candidate default, U - per-user static route, o - ODR  
        P - periodic downloaded static route  
  
Gateway of last resort is 192.168.2.2 to network 0.0.0.0  
  
C    192.168.1.0/24 is directly connected, FastEthernet0/0  
C    192.168.2.0/24 is directly connected, Serial2/0  
S*   0.0.0.0/0 [1/0] via 192.168.2.2  
  
ALUMNOS#
```

Captura de 'show ip route' de router EMPRESAS

