

...and, on external interface Fa0, access is enabled using `permit`, and an inbound rule on the `FW` restricts access to the web server to HTTP/HTTPS only.

Figure: Packet Tracer topology and addressing.

Laptop-PT
Laptop1

IP: 192.168.1.2
GW: 192.168.1.1
255.255.255.0

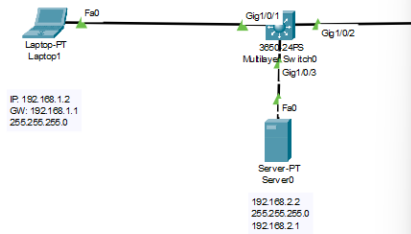
```
Switch(config)#exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console
show vlan brief
```

VLAN Name	Status	Ports
1 default	active	Gig1/0/4, Gig1/0/5, Gig1/0/6, Gig1/0/7 Gig1/0/8, Gig1/0/9, Gig1/0/10, Gig1/0/11 Gig1/0/12, Gig1/0/13, Gig1/0/14, Gig1/0/15 Gig1/0/16, Gig1/0/17, Gig1/0/18, Gig1/0/20, Gig1/0/21, Gig1/0/22, Gig1/0/23 Gig1/0/24, Gig1/1/1, Gig1/1/2, Gig1/1/3
10 INTERNAL	active	Gig1/1/4
20 DMZ	active	Gig1/0/1, Gig1/0/2
1002 fddi-default	active	Gig1/0/3
1003 token-ring-default	active	
1004 fddinet-default	active	
1005 trnet-default	active	

Switch#

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Multilayer Switch0

Physical Config CLI Attributes

IOS Command Line Interface

Interface	Line	Protocol	Status
GigabitEthernet1/0/5	unassigned	YES	unset down
GigabitEthernet1/0/6	unassigned	YES	unset down
GigabitEthernet1/0/7	unassigned	YES	unset down
GigabitEthernet1/0/8	unassigned	YES	unset down
GigabitEthernet1/0/9	unassigned	YES	unset down
GigabitEthernet1/0/10	unassigned	YES	unset down
GigabitEthernet1/0/11	unassigned	YES	unset down
GigabitEthernet1/0/12	unassigned	YES	unset down
GigabitEthernet1/0/13	unassigned	YES	unset down
GigabitEthernet1/0/14	unassigned	YES	unset down
GigabitEthernet1/0/15	unassigned	YES	unset down
GigabitEthernet1/0/16	unassigned	YES	unset down
GigabitEthernet1/0/17	unassigned	YES	unset down
GigabitEthernet1/0/18	unassigned	YES	unset down
GigabitEthernet1/0/19	unassigned	YES	unset down
GigabitEthernet1/0/20	unassigned	YES	unset down
GigabitEthernet1/0/21	unassigned	YES	unset down

Switch#show ip route

% Invalid input detected at '^' marker.

Switch#show ip route

Codes: C - connected, S - static, I - IGMP, 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

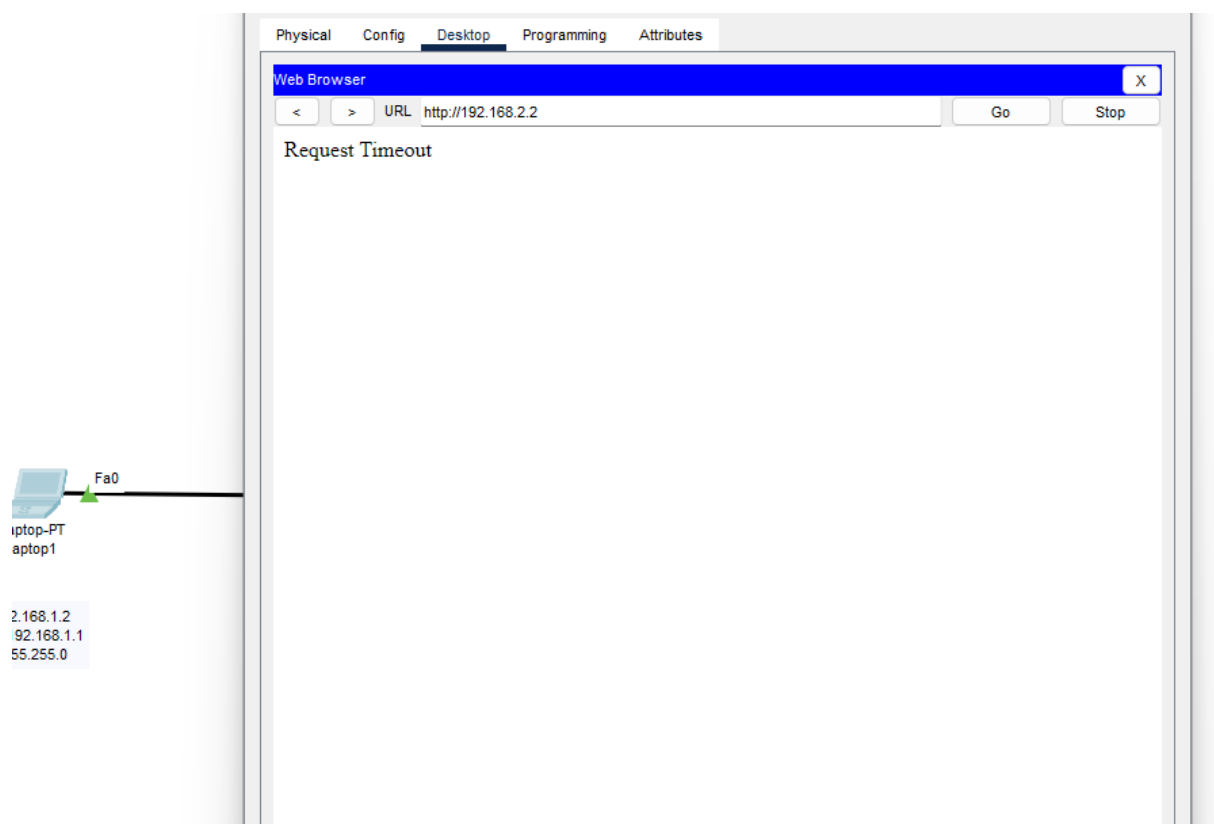
Gateway of last resort is not set

C 192.168.1.0/24 is directly connected, Vlan10
C 192.168.2.0/24 is directly connected, Vlan20

Switch#

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Initial timeout observed before enabling services and completing routing.