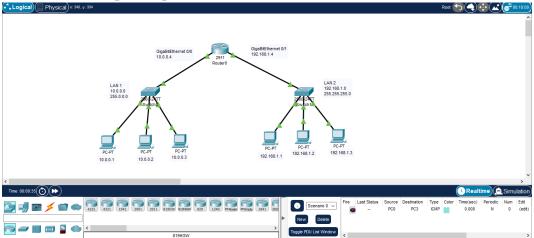
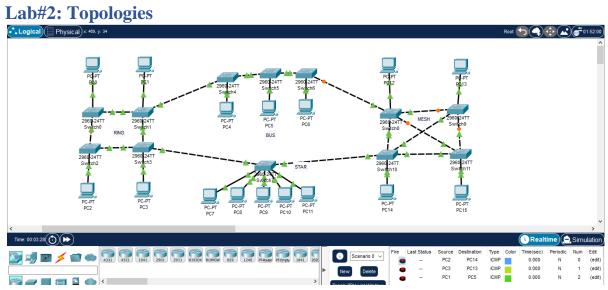
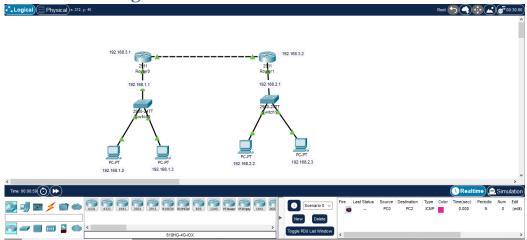
Lab#1: Networking using Router [**Logical** [# Physical** 300.7* 301.7*

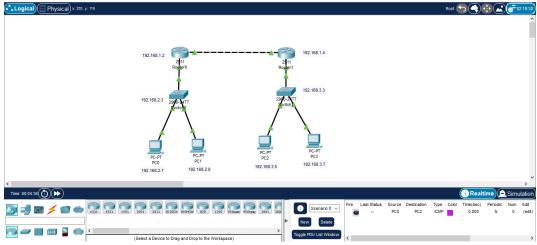


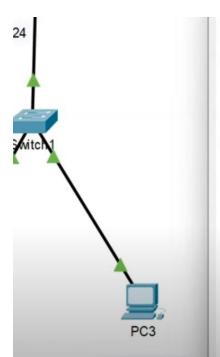


Lab#3: Static Routing



Lab#3B: Static Routing using CLI





importers, exporters, distributors and users are responsible for compliance with U.S. and local country laws. By using this product you agree to comply with applicable laws and regulations. If you are unable to comply with U.S. and local laws, return this product immediately.

A summary of U.S. laws governing Cisco cryptographic products may be four http://www.cisco.com/wwl/export/crypto/tool/stqrg.html

If you require further assistance please contact us by sending email to export@cisco.com.

Cisco 1841 (revision 5.0) with 114688K/16384K bytes of memory.

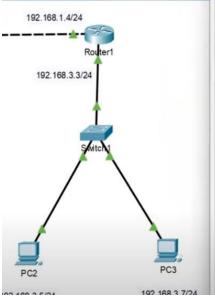
Processor board ID FTX0947Z18E
M860 processor: part number 0, mask 49
2 FastEthernet/IEEE 802.3 interface(s)
191K bytes of NVRAM.
63488K bytes of ATA CompactFlash (Read/Write)
Cisco IOS Software, 1841 Software (C1841-ADVIPSERVICESK9-M), Version 12.4
(fc2)
Technical Support: http://www.cisco.com/techsupport

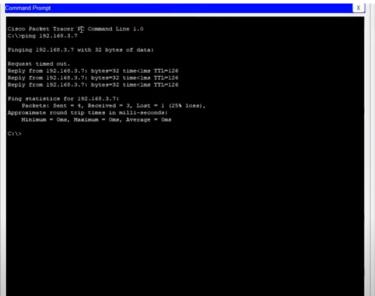
Technical Support: http://www.cisco.com/techsupport Copyright (c) 1986-2007 by Cisco Systems, Inc. Compiled Wed 18-Jul-07 04:52 by pt_team

Press RETURN to get started!

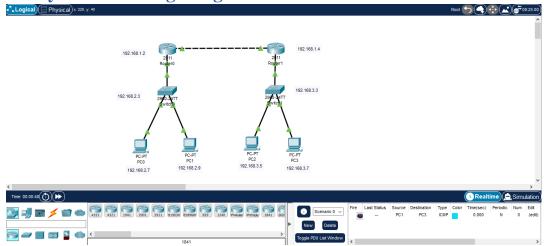
Router>en Router>enable Router#conf t

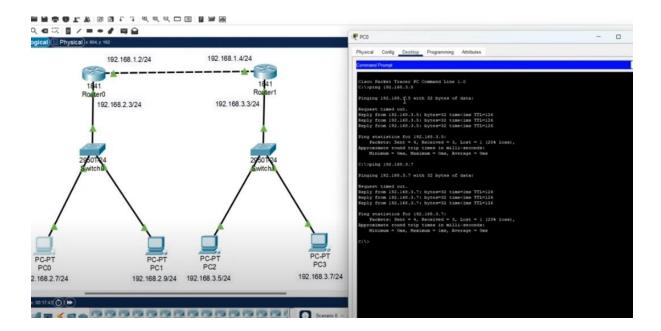
Enter configuration commands, one per line. End with CNTL/Z.



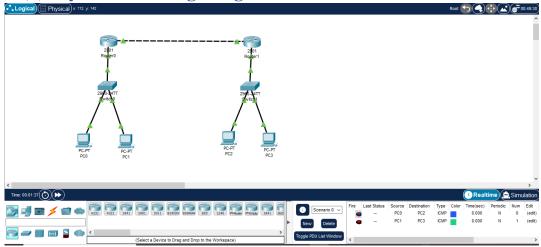


Lab#4: Dynamic Routing using CLI

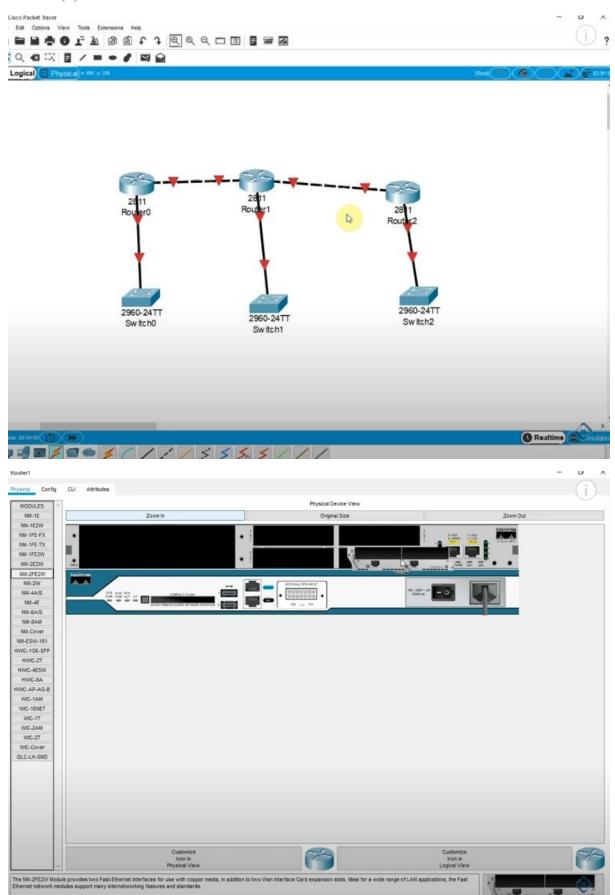




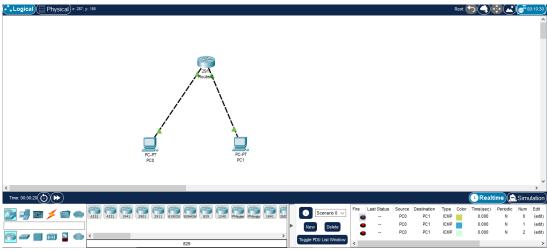
Lab#4(b): Dynamic Routing using RIP

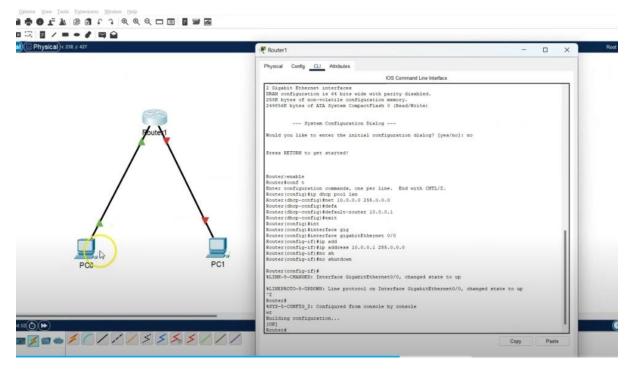


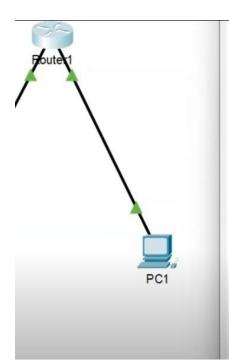
Lab#4(c): INSERTING PORT:



Lab#5: DHCP on Router

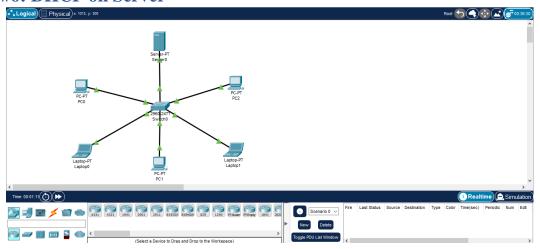


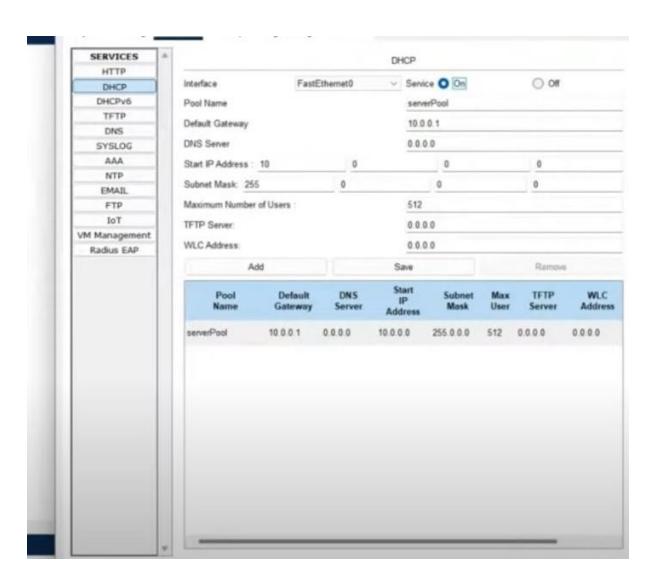


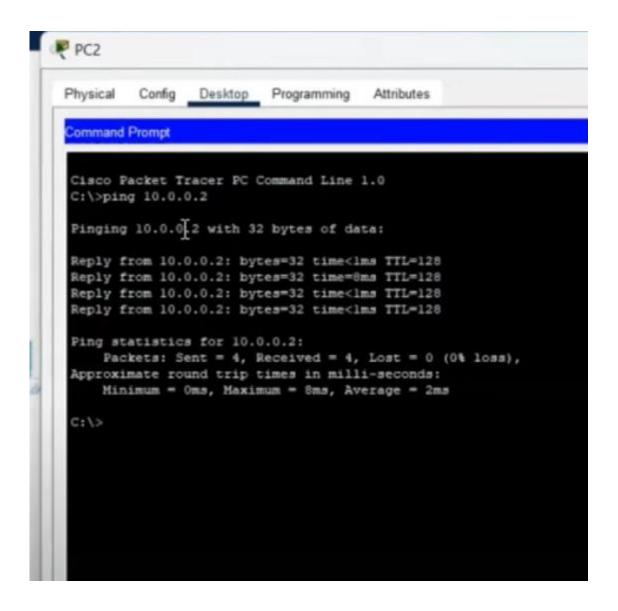


```
Router(config-if) #ip address 10.0.0.1 255.0.0.0
Router(config-if) #no sh
Router(config-if) #no shutdown
Router (config-if) #
%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed st
Router#
%SYS-5-CONFIG_I: Configured from console by console
Building configuration...
[OK]
Router#conf t
Enter configuration commands, one per line. End with CNTL/2. Router(config) #ip dhcp pool lan-1
Router (dhcp-config) #net 20.0.0.0 255.0.0.0
Router (dhcp-config) #def
Router(dhcp-config) #default-router 20.0.0.1
Router(dhcp-config) #exit
Router (config) #int
Router(config) #int
Router(config) #interface gig
Router(config) #interface gigabitEthernet 0/1
Router(config-if) #ip add
Router(config-if) #ip address 20.0.0.1 255.0.0.0
Router(config-if) #no sh
Router(config-if) #no shutdown
Router(config-if) #
%LINK-5-CHANGED: Interface GigabitEthernet0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed st
```

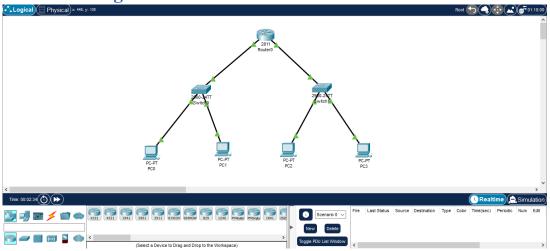
Lab#6: DHCP on Server

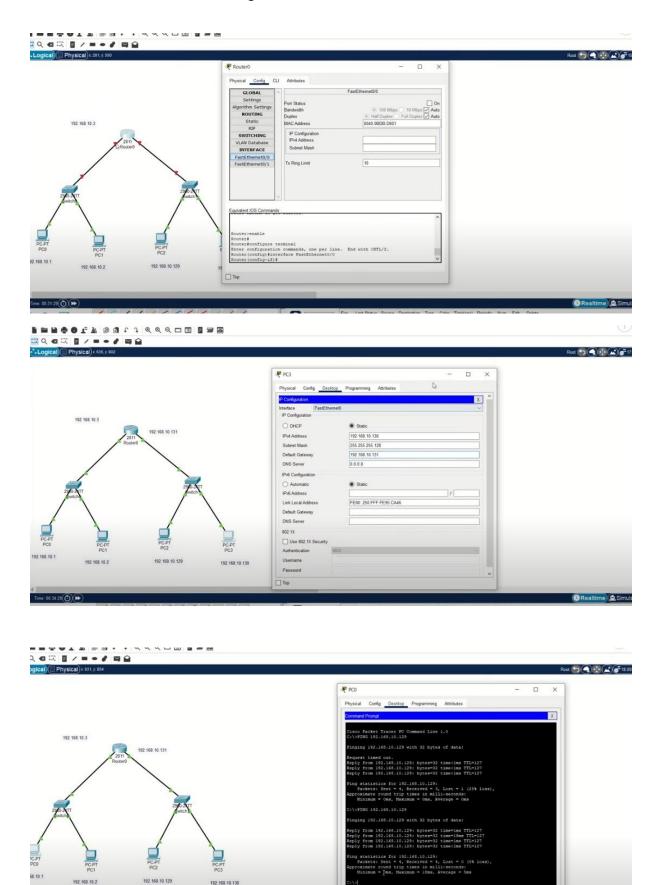




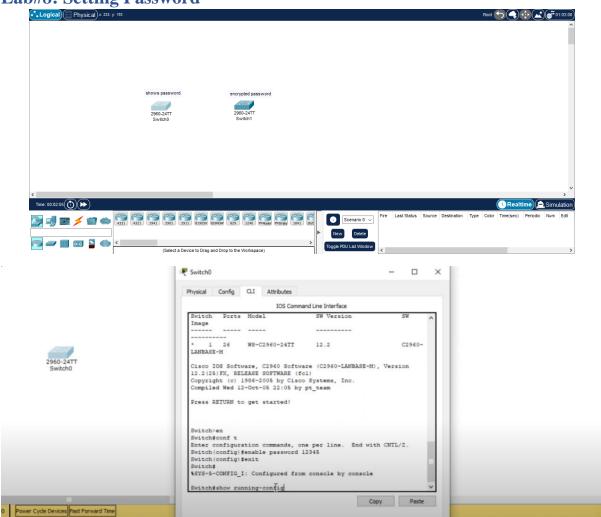


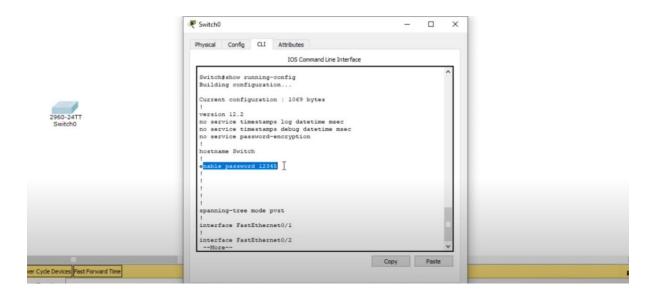
Lab#7: Subnetting





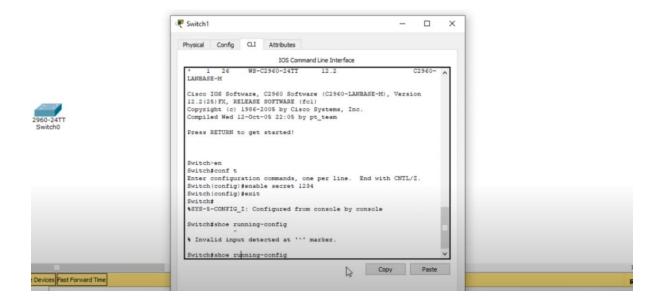
Lab#8: Setting Password



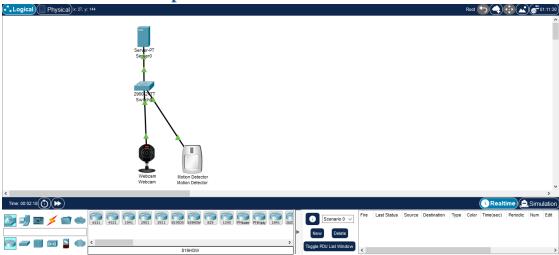


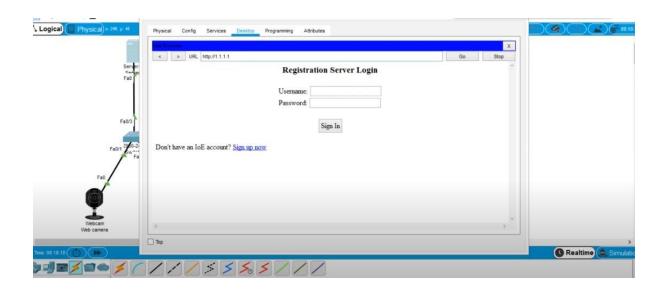
Data Communication and Networking-II

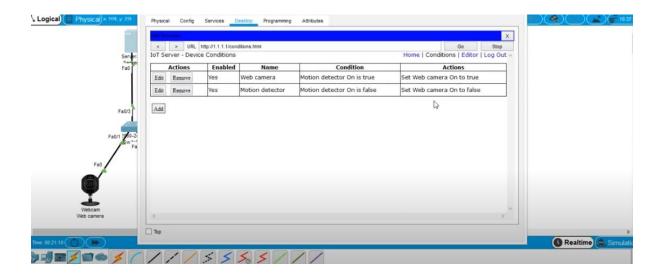
Labs



Lab#9: Smart Home Implementation







Lab#10: OSPF

