

Source Codes and Output Photos

10.2.1.8 Packet Tracer - Web and Email

*No source code needed

Output Screenshot

Activity Results Time Elapsed: 00:15:10

Congratulations Dela Rosa, Leant! You completed the activity.

Overall Feedback Assessment Items Connectivity Tests

Expand/Collapse All Show Incorrect Items

Assessment Items	Status	Points	Component(s)	Feedback
Network				
BranchServer				
Email Server				
Domain Name	Correct	4	PT Server Confi...	
POP3 Service Enabled	Correct	4	PT Server Confi...	
SMTP Service Enabled	Correct	4	PT Server Confi...	
Users				
User branch-user				
User Name	Correct	4	PT Server Confi...	
User Password	Correct	4	PT Server Confi...	
HTTP Server		0	Other	

Score : 100/100

Item Count : 26/26

Component	Items/Total	Score
PT Client Configuration	12/12	48/48
PT Server Configuration	14/14	52/52

10.2.2.8 Packet Tracer - DHCP and DNS Servers

Source Code

Home laptop command prompt

```
ipconfig /all
ping 64.100.8.8
nslookup
centralserver.pt.pka
branchserver.pt.pka
```

Output Screenshot

File Edit Options View Tools Extensions Window Help

Activity Results Time Elapsed: 00:11:16

Congratulations Dela Rosa, Leant! You completed the activity.

Overall Feedback **Assessment Items** Connectivity Tests

Expand/Collapse All Show Incorrect Items

Assessment Items	Status	Points	Component(s)	Feedback
Network				
famous.dns.pka				
DNS Server				
Resource Records				
branchserver.pt.pka		0	PT Server Confi...	
A Records		0	Ip	
Address	Correct	12	PT Server Confi...	
centralserver.pt.pka		0	PT Server Confi...	
A Records		0	Ip	
Address	Correct	12	PT Server Confi...	
Home Laptop				
Default Gateway	Correct	2	Client DHCP Co...	
DNS Server IP	Correct	2	Client DHCP Co...	
Ports				
Wireless0				
IP Address	Correct	2	Client DHCP Co...	
Subnet Mask	Correct	2	Client DHCP Co...	
Inkjet				
Default Gateway	Correct	5	IPv4 Host Adre...	
DNS Server IP	Correct	5	IPv4 Host Adre...	
Ports				
FastEthernet0				

Score : 100/100

Item Count : 19/19

Component	Items/Total	Score
Client DHCP Configuration	8/8	16/16
IPv4 Host Address Configuration	4/4	20/20
Linksys DHCP Configuration	5/5	40/40
PT Server Configuration	2/2	24/24

10.2.3.2 Packet Tracer - FTP Servers

Source Code

Home Laptop command prompt

```
ftp centralserver.pt.pka
administrator
cisco
dir
put README.txt
dir
ftp branchserver.pt.pka
administrator
cisco
dir
put README.txt
```

PC2 Command Prompt

```
ftp centralserver.pt.pka
anonymous
anonymous
dir
put README.txt
```

```
dir
put sampleFile.txt
quit
```

Smart Phone Command Prompt

```
ftp centralserver.pt.pka
anonymous
anonymous
dir
put README.txt
dir
quit
```

Output Screenshot

The screenshot displays a web-based interface for a network configuration assessment. At the top, a menu bar includes 'File', 'Edit', 'Options', 'View', 'Tools', 'Extensions', 'Window', and 'Help'. Below the menu, a status bar indicates 'Activity Results' and 'Time Elapsed: 00:13:04'. A message states: 'Congratulations Dela Rosa, Leant! You completed the activity.' Below this, there are three tabs: 'Overall Feedback', 'Assessment Items' (which is selected), and 'Connectivity Tests'. Under the 'Assessment Items' tab, there are two buttons: 'Expand/Collapse All' and 'Show Incorrect Items'. A table lists the assessment items, their status, points, and components. To the right of the table, a summary shows 'Score : 100/100' and 'Item Count : 18/18'. Below the summary, a table lists the components and their scores.

Assessment Items	Status	Points	Component(s)	Feedback
Network				
BranchServer				
FTP Server				
FTP Enable	Correct	4	PT Server Conf...	
Server Files		0	Ip	
README.txt	Correct	5	FTP File Transe...	
User Accounts				
Account administrator				
User Name	Correct	6	PT Server Conf...	
User Password	Correct	6	PT Server Conf...	

Component	Items/Total	Score
FTP File Transe...	4/4	20/20
PT Server Configuration	14/14	80/80

13.2.6 Packet Tracer - Verify IPv4 and IPv6 Addressing

Source Code

PC1 Command Prompt

```
ipconfig /all
ipv6config /all
ping 10.10.1.20
ping 2001:DB8:1:4::A
tracert 10.10.1.20
tracert 2001:db8:1:4::a
```

PC2 Command Prompt

```
ipconfig /all
ipv6config /all
ping 10.10.1.100
ping 2001:DB8:1:1::A
ping 10.10.1.100
ping 2001:DB8:1:1::A
```

Output Screenshot

*No Score output needed

File Edit Options View Tools Extensions Window Help

Activity Results Time Elapsed: 00:19:28

Congratulations Dela Rosa, Leant! You completed the activity.

Overall Feedback Assessment Items Connectivity Tests

Expand/Collapse All Show Incorrect Items

Assessment Item	Status	Points	Component(s)	Feedback
✓ Network	Correct	0	Other	

Score : 0/0

Item Count : 0/0

Component	Items/Total	Score
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13.2.7 Packet Tracer - Use Ping and Traceroute to Test Network Connectivity

Source Code

PC1 Command Prompt

```
ipconfig /all
ping 10.10.1.18
tracert 10.10.1.18
ping 10.10.1.18
```

PC3 Command Prompt

```
ipconfig /all
ping 10.10.1.98
tracert 10.10.1.98
ping 10.10.1.98
```

R1 CLI

```
cisco
ena
class
show ip interface brief
show ip route
```

R3 CLI

```
cisco
ena
class
```

```
show ip interface brief
show ip route
show ipv6 interface brief
```

R2 CLI

```
cisco
ena
class
show ip interface brief
conf t
int s0/0/0
ip add 10.10.1.5 255.255.255.252
no shutdown
```

PC2 Command Prompt

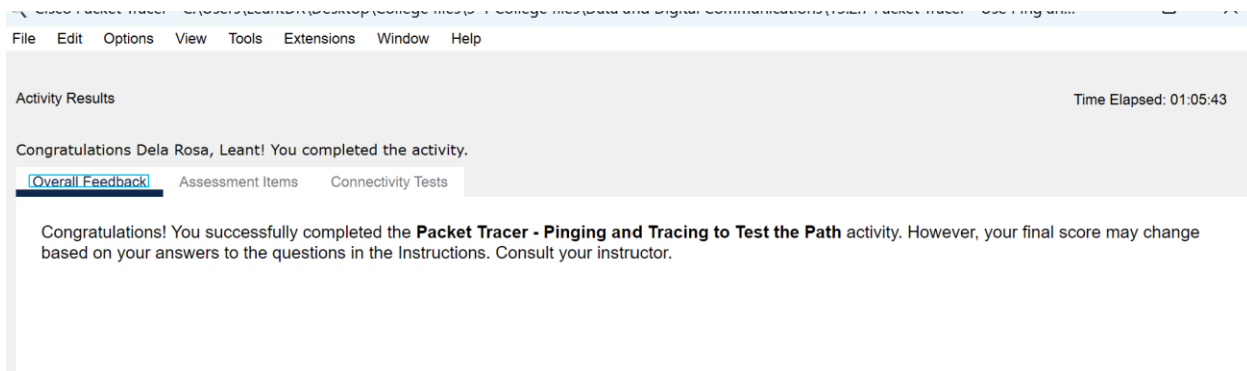
```
ipv6config /all
ping 2001:DB8:1:4::2
tracert 2001:DB8:1:4::2
ping 2001:DB8:1:4::2
```

PC4 Command Prompt

```
ipv6config /all
ping 2001:DB8:1:1::2
tracert 2001:DB8:1:1::2
ping 2001:DB8:1:1::2
```

Output Screenshot

*No score output needed



13.3.1 Packet Tracer - Use ICMP to Test and Correct Network Connectivity

Source Code

PC-1 Command Prompt

```
ping 203.0.113.100
```

Laptop-A Command Prompt

```
ping 203.0.113.100
```

PC-2 Command Prompt

```
ping 2001:db8:acad::100
```

Server1 Command Prompt

```
ping 203.0.113.100
tracert 203.0.113.100
ping 203.0.113.100
```

PC-3 Command Prompt

```
ping 2001:db8:acad::100
```

PC-4 Command Prompt

```
ping 203.0.113.100
tracert 203.0.113.100
ping 203.0.113.100
```

Laptop B Command Prompt

```
ping 2001:db8:acad::100
tracert 2001:DB8:1:1::2
```

RTR-3 CLI

```
ena
show ip interface brief
conf t
int g0/0/1
ipv6 add 2001:db8:5::1/64
no shut
exit
```

Output Screenshot

Activity Results Time Elapsed: 00:28:52

Congratulations Dela Rosa, Leant! You completed the activity.

Overall Feedback **Assessment Items** Connectivity Tests

Expand/Collapse All Show Incorrect Items

Assessment Items	Status	Points	Component(s)	Feedback
[-] Network		0		
[-] PC-4				
✓ Default Gateway	Correct	1	Other Ip	
[-] RTR-3				
[-] Ports				
[-] GigabitEthernet0/0/1				
[-] IPv6 Addresses				
[-] 2001:DB8:5::1				
✓ IP Address	Correct	1	Ip	
✓ Prefix Length	Correct	1	Ip	
[-] Server1				
✓ Default Gateway	Correct	1	Ip	
[-] Ports				
[-] FastEthernet0				

Score : 7/7

Item Count : 7/7

Component	Items/Total	Score
Ip	7/7	7/7

14.8.1 Packet Tracer - TCP and UDP Communications

Source Code

MultiServer Command Prompt

```
ping -n 1 192.168.1.255
```

FTP Client

```
cisco
```

```
cisco
```

```
quit
```

```
ftp 192.168.1.254
```

Output Screenshot

*No score output needed

