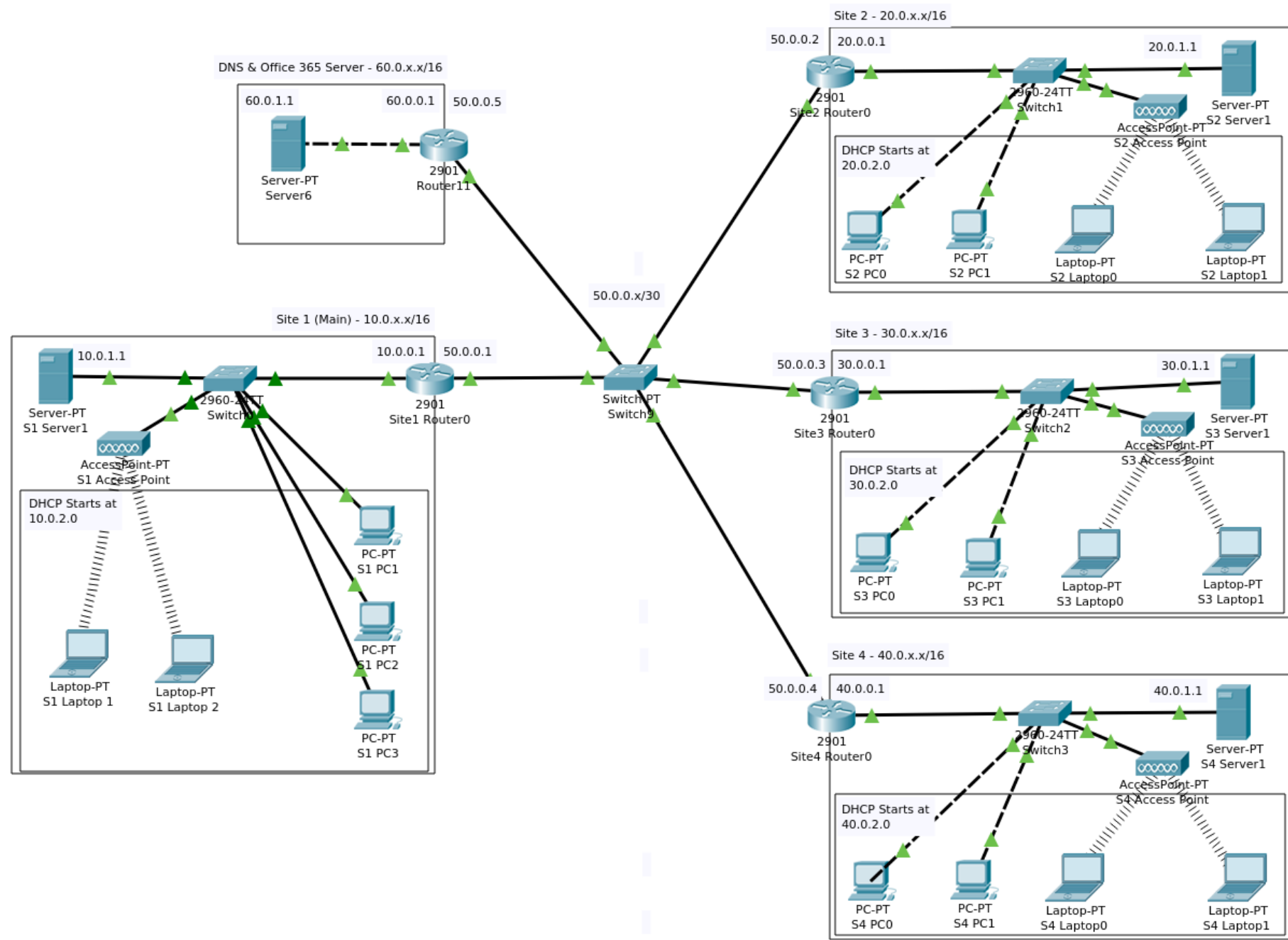


# Simulation Mode Test Plan



#	Test Name	Acceptance Criteria	Actual Result	Pass/Fail																				
1	ping between site 1 and site 1	<ul style="list-style-type: none"><li>ping works successfully</li><li>sim mode shows the packet reaches the destination then returns</li><li>console shows the replies</li></ul>	<div><div><input checked="" type="checkbox"/> ping works successfully</div><div><input checked="" type="checkbox"/> sim mode shows the packet reaches the destination then returns</div><div><input checked="" type="checkbox"/> console shows the replies</div></div> <div><pre>C:\&gt;ping 10.0.2.1  Pinging 10.0.2.1 with 32 bytes of data:  Reply from 10.0.2.1: bytes=32 time=4ms TTL=128 Reply from 10.0.2.1: bytes=32 time=4ms TTL=128 Reply from 10.0.2.1: bytes=32 time=4ms TTL=128 Reply from 10.0.2.1: bytes=32 time=4ms TTL=128  Ping statistics for 10.0.2.1:     Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),     Approximate round trip times in milli-seconds:         Minimum = 4ms, Maximum = 4ms, Average = 4ms</pre></div> <table><tr><td>3.051</td><td>--</td><td>S1 PC1</td><td>ICMP</td></tr><tr><td>3.052</td><td>S1 PC1</td><td>Switch0</td><td>ICMP</td></tr><tr><td>3.053</td><td>Switch0</td><td>S1 PC2</td><td>ICMP</td></tr><tr><td>3.054</td><td>S1 PC2</td><td>Switch0</td><td>ICMP</td></tr><tr><td>3.055</td><td>Switch0</td><td>S1 PC1</td><td>ICMP</td></tr></table>	3.051	--	S1 PC1	ICMP	3.052	S1 PC1	Switch0	ICMP	3.053	Switch0	S1 PC2	ICMP	3.054	S1 PC2	Switch0	ICMP	3.055	Switch0	S1 PC1	ICMP	Pass
3.051	--	S1 PC1	ICMP																					
3.052	S1 PC1	Switch0	ICMP																					
3.053	Switch0	S1 PC2	ICMP																					
3.054	S1 PC2	Switch0	ICMP																					
3.055	Switch0	S1 PC1	ICMP																					

#	Test Name	Acceptance Criteria	Actual Result	Pass/Fail																																																			
2	ping between site 2 and site 2	<ul style="list-style-type: none"><li>ping works successfully</li><li>sim mode shows the packet reaches the destination then returns</li><li>console shows the replies</li></ul>	<div><div><input checked="" type="checkbox"/> ping works successfully</div><div><input checked="" type="checkbox"/> sim mode shows the packet reaches the destination then returns</div><div><input checked="" type="checkbox"/> console shows the replies</div></div> <div><pre>C:\&gt;ping 20.0.2.2  Pinging 20.0.2.2 with 32 bytes of data:  Reply from 20.0.2.2: bytes=32 time=28ms TTL=128 Reply from 20.0.2.2: bytes=32 time=9ms TTL=128 Reply from 20.0.2.2: bytes=32 time=10ms TTL=128 Reply from 20.0.2.2: bytes=32 time=7ms TTL=128  Ping statistics for 20.0.2.2:     Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),     Approximate round trip times in milli-seconds:         Minimum = 7ms, Maximum = 28ms, Average = 13ms</pre><table><tr><td>0.012</td><td>--</td><td>S2 PC0</td><td>ICMP</td></tr><tr><td>0.013</td><td>S2 PC0</td><td>Switch1</td><td>ICMP</td></tr><tr><td>0.014</td><td>Switch1</td><td>S2 Access ...</td><td>ICMP</td></tr><tr><td>0.019</td><td>--</td><td>S2 Access ...</td><td>ICMP</td></tr><tr><td>0.020</td><td>S2 Access Po...</td><td>S2 Laptop1</td><td>ICMP</td></tr><tr><td>0.020</td><td>S2 Access Po...</td><td>S2 Laptop0</td><td>ICMP</td></tr><tr><td>0.025</td><td>--</td><td>S2 Laptop1</td><td>ICMP</td></tr><tr><td>0.026</td><td>S2 Laptop1</td><td>S2 Access ...</td><td>ICMP</td></tr><tr><td>0.027</td><td>S2 Access Po...</td><td>Switch1</td><td>ICMP</td></tr><tr><td>0.027</td><td>--</td><td>S2 Access ...</td><td>ICMP</td></tr><tr><td>0.028</td><td>S2 Access Po...</td><td>S2 Laptop1</td><td>ICMP</td></tr><tr><td>0.028</td><td>S2 Access Po...</td><td>S2 Laptop0</td><td>ICMP</td></tr><tr><td>0.028</td><td>Switch1</td><td>S2 PC0</td><td>ICMP</td></tr></table><div><div></div><div>The log has extra steps as the target device in this test is a laptop, so additional packets are sent due to the wireless access point.</div></div></div> <div>Pass</div>	0.012	--	S2 PC0	ICMP	0.013	S2 PC0	Switch1	ICMP	0.014	Switch1	S2 Access ...	ICMP	0.019	--	S2 Access ...	ICMP	0.020	S2 Access Po...	S2 Laptop1	ICMP	0.020	S2 Access Po...	S2 Laptop0	ICMP	0.025	--	S2 Laptop1	ICMP	0.026	S2 Laptop1	S2 Access ...	ICMP	0.027	S2 Access Po...	Switch1	ICMP	0.027	--	S2 Access ...	ICMP	0.028	S2 Access Po...	S2 Laptop1	ICMP	0.028	S2 Access Po...	S2 Laptop0	ICMP	0.028	Switch1	S2 PC0	ICMP
0.012	--	S2 PC0	ICMP																																																				
0.013	S2 PC0	Switch1	ICMP																																																				
0.014	Switch1	S2 Access ...	ICMP																																																				
0.019	--	S2 Access ...	ICMP																																																				
0.020	S2 Access Po...	S2 Laptop1	ICMP																																																				
0.020	S2 Access Po...	S2 Laptop0	ICMP																																																				
0.025	--	S2 Laptop1	ICMP																																																				
0.026	S2 Laptop1	S2 Access ...	ICMP																																																				
0.027	S2 Access Po...	Switch1	ICMP																																																				
0.027	--	S2 Access ...	ICMP																																																				
0.028	S2 Access Po...	S2 Laptop1	ICMP																																																				
0.028	S2 Access Po...	S2 Laptop0	ICMP																																																				
0.028	Switch1	S2 PC0	ICMP																																																				

#	Test Name	Acceptance Criteria	Actual Result	Pass/Fail																				
3	ping between site 3 and site 3	<ul style="list-style-type: none"><li>ping works successfully</li><li>sim mode shows the packet reaches the destination then returns</li><li>console shows the replies</li></ul>	<div><div><input checked="" type="checkbox"/> ping works successfully</div><div><input checked="" type="checkbox"/> sim mode shows the packet reaches the destination then returns</div><div><input checked="" type="checkbox"/> console shows the replies</div></div> <div><pre>C:\&gt;ping 30.0.2.1  Pinging 30.0.2.1 with 32 bytes of data:  Reply from 30.0.2.1: bytes=32 time=8ms TTL=128 Reply from 30.0.2.1: bytes=32 time=4ms TTL=128 Reply from 30.0.2.1: bytes=32 time=4ms TTL=128 Reply from 30.0.2.1: bytes=32 time=4ms TTL=128  Ping statistics for 30.0.2.1:     Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),     Approximate round trip times in milli-seconds:         Minimum = 4ms, Maximum = 8ms, Average = 5ms</pre><table><tr><td>0.004</td><td>--</td><td>S3 PC1</td><td>ICMP</td></tr><tr><td>0.005</td><td>S3 PC1</td><td>Switch2</td><td>ICMP</td></tr><tr><td>0.006</td><td>Switch2</td><td>S3 PC0</td><td>ICMP</td></tr><tr><td>0.007</td><td>S3 PC0</td><td>Switch2</td><td>ICMP</td></tr><tr><td>0.008</td><td>Switch2</td><td>S3 PC1</td><td>ICMP</td></tr></table></div>	0.004	--	S3 PC1	ICMP	0.005	S3 PC1	Switch2	ICMP	0.006	Switch2	S3 PC0	ICMP	0.007	S3 PC0	Switch2	ICMP	0.008	Switch2	S3 PC1	ICMP	Pass
0.004	--	S3 PC1	ICMP																					
0.005	S3 PC1	Switch2	ICMP																					
0.006	Switch2	S3 PC0	ICMP																					
0.007	S3 PC0	Switch2	ICMP																					
0.008	Switch2	S3 PC1	ICMP																					
4	ping between site 4 and site 4	<ul style="list-style-type: none"><li>ping works successfully</li><li>sim mode shows the packet reaches the destination then returns</li><li>console shows the replies</li></ul>	<div><div><input checked="" type="checkbox"/> ping works successfully</div><div><input checked="" type="checkbox"/> sim mode shows the packet reaches the destination then returns</div><div><input checked="" type="checkbox"/> console shows the replies</div></div> <div><pre>C:\&gt;ping 40.0.2.0  Pinging 40.0.2.0 with 32 bytes of data:  Reply from 40.0.2.0: bytes=32 time=8ms TTL=128 Reply from 40.0.2.0: bytes=32 time=4ms TTL=128 Reply from 40.0.2.0: bytes=32 time=4ms TTL=128 Reply from 40.0.2.0: bytes=32 time=4ms TTL=128  Ping statistics for 40.0.2.0:     Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),     Approximate round trip times in milli-seconds:         Minimum = 4ms, Maximum = 8ms, Average = 5ms</pre><table><tr><td>0.004</td><td>--</td><td>S4 PC1</td><td>ICMP</td></tr><tr><td>0.005</td><td>S4 PC1</td><td>Switch3</td><td>ICMP</td></tr><tr><td>0.006</td><td>Switch3</td><td>S4 PC0</td><td>ICMP</td></tr><tr><td>0.007</td><td>S4 PC0</td><td>Switch3</td><td>ICMP</td></tr><tr><td>0.008</td><td>Switch3</td><td>S4 PC1</td><td>ICMP</td></tr></table></div>	0.004	--	S4 PC1	ICMP	0.005	S4 PC1	Switch3	ICMP	0.006	Switch3	S4 PC0	ICMP	0.007	S4 PC0	Switch3	ICMP	0.008	Switch3	S4 PC1	ICMP	Pass
0.004	--	S4 PC1	ICMP																					
0.005	S4 PC1	Switch3	ICMP																					
0.006	Switch3	S4 PC0	ICMP																					
0.007	S4 PC0	Switch3	ICMP																					
0.008	Switch3	S4 PC1	ICMP																					

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5	ping from site 1 to site 2	<ul style="list-style-type: none"><li>the first two packets may or may not be dropped by the two routers in the way</li><li>the routing tables work successfully</li><li>the packet reaches the destination then returns</li><li>the console shows the replies</li></ul>	<div><div><input type="checkbox"/> the first two packets may or may not be dropped by the two routers in the way</div><div><input checked="" type="checkbox"/> the routing tables work successfully</div><div><input checked="" type="checkbox"/> the packet reaches the destination then returns</div><div><input checked="" type="checkbox"/> the console shows the replies</div></div> <div><pre>C:\&gt;ping 20.0.2.1  Pinging 20.0.2.1 with 32 bytes of data:  Reply from 20.0.2.1: bytes=32 time=12ms TTL=126 Reply from 20.0.2.1: bytes=32 time=12ms TTL=126 Reply from 20.0.2.1: bytes=32 time=12ms TTL=126 Reply from 20.0.2.1: bytes=32 time=12ms TTL=126  Ping statistics for 20.0.2.1:     Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),     Approximate round trip times in milli-seconds:         Minimum = 12ms, Maximum = 12ms, Average = 12ms</pre><table><tr><td>0.000</td><td>--</td><td>S1 PC1</td><td>ICMP</td></tr><tr><td>0.001</td><td>S1 PC1</td><td>Switch0</td><td>ICMP</td></tr><tr><td>0.002</td><td>Switch0</td><td>Site1 Rout...</td><td>ICMP</td></tr><tr><td>0.003</td><td>Site1 Router0</td><td>Switch9</td><td>ICMP</td></tr><tr><td>0.004</td><td>Switch9</td><td>Site2 Rout...</td><td>ICMP</td></tr><tr><td>0.005</td><td>Site2 Router0</td><td>Switch1</td><td>ICMP</td></tr><tr><td>0.006</td><td>Switch1</td><td>S2 PC0</td><td>ICMP</td></tr><tr><td>0.007</td><td>S2 PC0</td><td>Switch1</td><td>ICMP</td></tr><tr><td>0.008</td><td>Switch1</td><td>Site2 Rout...</td><td>ICMP</td></tr><tr><td>0.009</td><td>Site2 Router0</td><td>Switch9</td><td>ICMP</td></tr><tr><td>0.010</td><td>Switch9</td><td>Site1 Rout...</td><td>ICMP</td></tr><tr><td>0.011</td><td>Site1 Router0</td><td>Switch0</td><td>ICMP</td></tr><tr><td>0.012</td><td>Switch0</td><td>S1 PC1</td><td>ICMP</td></tr></table></div>	0.000	--	S1 PC1	ICMP	0.001	S1 PC1	Switch0	ICMP	0.002	Switch0	Site1 Rout...	ICMP	0.003	Site1 Router0	Switch9	ICMP	0.004	Switch9	Site2 Rout...	ICMP	0.005	Site2 Router0	Switch1	ICMP	0.006	Switch1	S2 PC0	ICMP	0.007	S2 PC0	Switch1	ICMP	0.008	Switch1	Site2 Rout...	ICMP	0.009	Site2 Router0	Switch9	ICMP	0.010	Switch9	Site1 Rout...	ICMP	0.011	Site1 Router0	Switch0	ICMP	0.012	Switch0	S1 PC1	ICMP	Pass
0.000	--	S1 PC1	ICMP																																																					
0.001	S1 PC1	Switch0	ICMP																																																					
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0.004	Switch9	Site2 Rout...	ICMP																																																					
0.005	Site2 Router0	Switch1	ICMP																																																					
0.006	Switch1	S2 PC0	ICMP																																																					
0.007	S2 PC0	Switch1	ICMP																																																					
0.008	Switch1	Site2 Rout...	ICMP																																																					
0.009	Site2 Router0	Switch9	ICMP																																																					
0.010	Switch9	Site1 Rout...	ICMP																																																					
0.011	Site1 Router0	Switch0	ICMP																																																					
0.012	Switch0	S1 PC1	ICMP																																																					

#	Test Name	Acceptance Criteria	Actual Result	Pass/Fail																																																				
6	ping from site 1 to site 3	<ul style="list-style-type: none"><li>the first two packets may or may not be dropped by the two routers in the way</li><li>the routing tables work successfully</li><li>the packet reaches the destination then returns</li><li>the console shows the replies</li></ul>	<div><div><input type="checkbox"/> the first two packets may or may not be dropped by the two routers in the way</div><div><input checked="" type="checkbox"/> the routing tables work successfully</div><div><input checked="" type="checkbox"/> the packet reaches the destination then returns</div><div><input checked="" type="checkbox"/> the console shows the replies</div></div> <div><pre>C:\&gt;ping 30.0.2.1  Pinging 30.0.2.1 with 32 bytes of data:  Reply from 30.0.2.1: bytes=32 time=12ms TTL=126 Reply from 30.0.2.1: bytes=32 time=12ms TTL=126 Reply from 30.0.2.1: bytes=32 time=12ms TTL=126 Reply from 30.0.2.1: bytes=32 time=12ms TTL=126  Ping statistics for 30.0.2.1:     Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),     Approximate round trip times in milli-seconds:         Minimum = 12ms, Maximum = 12ms, Average = 12ms</pre><table><tr><td>0.000</td><td>--</td><td>S1 PC1</td><td>ICMP</td></tr><tr><td>0.001</td><td>S1 PC1</td><td>Switch0</td><td>ICMP</td></tr><tr><td>0.002</td><td>Switch0</td><td>Site1 Rout...</td><td>ICMP</td></tr><tr><td>0.003</td><td>Site1 Router0</td><td>Switch9</td><td>ICMP</td></tr><tr><td>0.004</td><td>Switch9</td><td>Site3 Rout...</td><td>ICMP</td></tr><tr><td>0.005</td><td>Site3 Router0</td><td>Switch2</td><td>ICMP</td></tr><tr><td>0.006</td><td>Switch2</td><td>S3 PC0</td><td>ICMP</td></tr><tr><td>0.007</td><td>S3 PC0</td><td>Switch2</td><td>ICMP</td></tr><tr><td>0.008</td><td>Switch2</td><td>Site3 Rout...</td><td>ICMP</td></tr><tr><td>0.009</td><td>Site3 Router0</td><td>Switch9</td><td>ICMP</td></tr><tr><td>0.010</td><td>Switch9</td><td>Site1 Rout...</td><td>ICMP</td></tr><tr><td>0.011</td><td>Site1 Router0</td><td>Switch0</td><td>ICMP</td></tr><tr><td>0.012</td><td>Switch0</td><td>S1 PC1</td><td>ICMP</td></tr></table></div>	0.000	--	S1 PC1	ICMP	0.001	S1 PC1	Switch0	ICMP	0.002	Switch0	Site1 Rout...	ICMP	0.003	Site1 Router0	Switch9	ICMP	0.004	Switch9	Site3 Rout...	ICMP	0.005	Site3 Router0	Switch2	ICMP	0.006	Switch2	S3 PC0	ICMP	0.007	S3 PC0	Switch2	ICMP	0.008	Switch2	Site3 Rout...	ICMP	0.009	Site3 Router0	Switch9	ICMP	0.010	Switch9	Site1 Rout...	ICMP	0.011	Site1 Router0	Switch0	ICMP	0.012	Switch0	S1 PC1	ICMP	Pass
0.000	--	S1 PC1	ICMP																																																					
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0.006	Switch2	S3 PC0	ICMP																																																					
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#	Test Name	Acceptance Criteria	Actual Result	Pass/Fail																																												
8	ping from site 1 to site 6	<ul style="list-style-type: none"><li>the first two packets may or may not be dropped by the two routers in the way</li><li>the routing tables work successfully</li><li>the packet reaches the destination then returns</li><li>the console shows the replies</li></ul>	<div><div><input type="checkbox"/> the first two packets may or may not be dropped by the two routers in the way</div><div><input checked="" type="checkbox"/> the routing tables work successfully</div><div><input checked="" type="checkbox"/> the packet reaches the destination then returns</div><div><input checked="" type="checkbox"/> the console shows the replies</div></div> <div><pre>C:\&gt;ping 60.0.1.1  Pinging 60.0.1.1 with 32 bytes of data:  Reply from 60.0.1.1: bytes=32 time=10ms TTL=126 Reply from 60.0.1.1: bytes=32 time=10ms TTL=126 Reply from 60.0.1.1: bytes=32 time=10ms TTL=126 Reply from 60.0.1.1: bytes=32 time=10ms TTL=126  Ping statistics for 60.0.1.1:     Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),     Approximate round trip times in milli-seconds:         Minimum = 10ms, Maximum = 10ms, Average = 10ms</pre><table><tr><td>0.000</td><td>--</td><td>S1 PC1</td><td>ICMP</td></tr><tr><td>0.001</td><td>S1 PC1</td><td>Switch0</td><td>ICMP</td></tr><tr><td>0.002</td><td>Switch0</td><td>Site1 Rout...</td><td>ICMP</td></tr><tr><td>0.003</td><td>Site1 Router0</td><td>Switch9</td><td>ICMP</td></tr><tr><td>0.004</td><td>Switch9</td><td>Router11</td><td>ICMP</td></tr><tr><td>0.005</td><td>Router11</td><td>Server6</td><td>ICMP</td></tr><tr><td>0.006</td><td>Server6</td><td>Router11</td><td>ICMP</td></tr><tr><td>0.007</td><td>Router11</td><td>Switch9</td><td>ICMP</td></tr><tr><td>0.008</td><td>Switch9</td><td>Site1 Rout...</td><td>ICMP</td></tr><tr><td>0.009</td><td>Site1 Router0</td><td>Switch0</td><td>ICMP</td></tr><tr><td>0.010</td><td>Switch0</td><td>S1 PC1</td><td>ICMP</td></tr></table></div>	0.000	--	S1 PC1	ICMP	0.001	S1 PC1	Switch0	ICMP	0.002	Switch0	Site1 Rout...	ICMP	0.003	Site1 Router0	Switch9	ICMP	0.004	Switch9	Router11	ICMP	0.005	Router11	Server6	ICMP	0.006	Server6	Router11	ICMP	0.007	Router11	Switch9	ICMP	0.008	Switch9	Site1 Rout...	ICMP	0.009	Site1 Router0	Switch0	ICMP	0.010	Switch0	S1 PC1	ICMP	Pass
0.000	--	S1 PC1	ICMP																																													
0.001	S1 PC1	Switch0	ICMP																																													
0.002	Switch0	Site1 Rout...	ICMP																																													
0.003	Site1 Router0	Switch9	ICMP																																													
0.004	Switch9	Router11	ICMP																																													
0.005	Router11	Server6	ICMP																																													
0.006	Server6	Router11	ICMP																																													
0.007	Router11	Switch9	ICMP																																													
0.008	Switch9	Site1 Rout...	ICMP																																													
0.009	Site1 Router0	Switch0	ICMP																																													
0.010	Switch0	S1 PC1	ICMP																																													

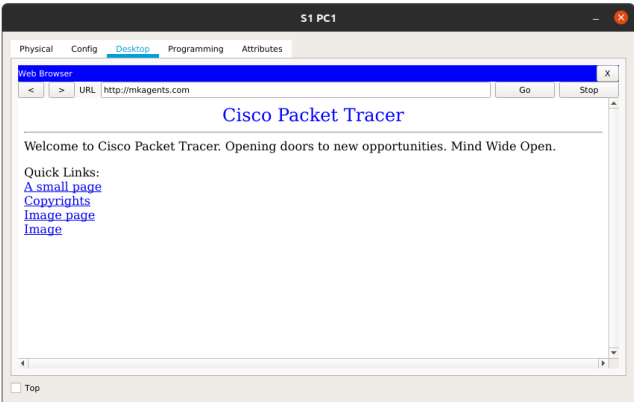



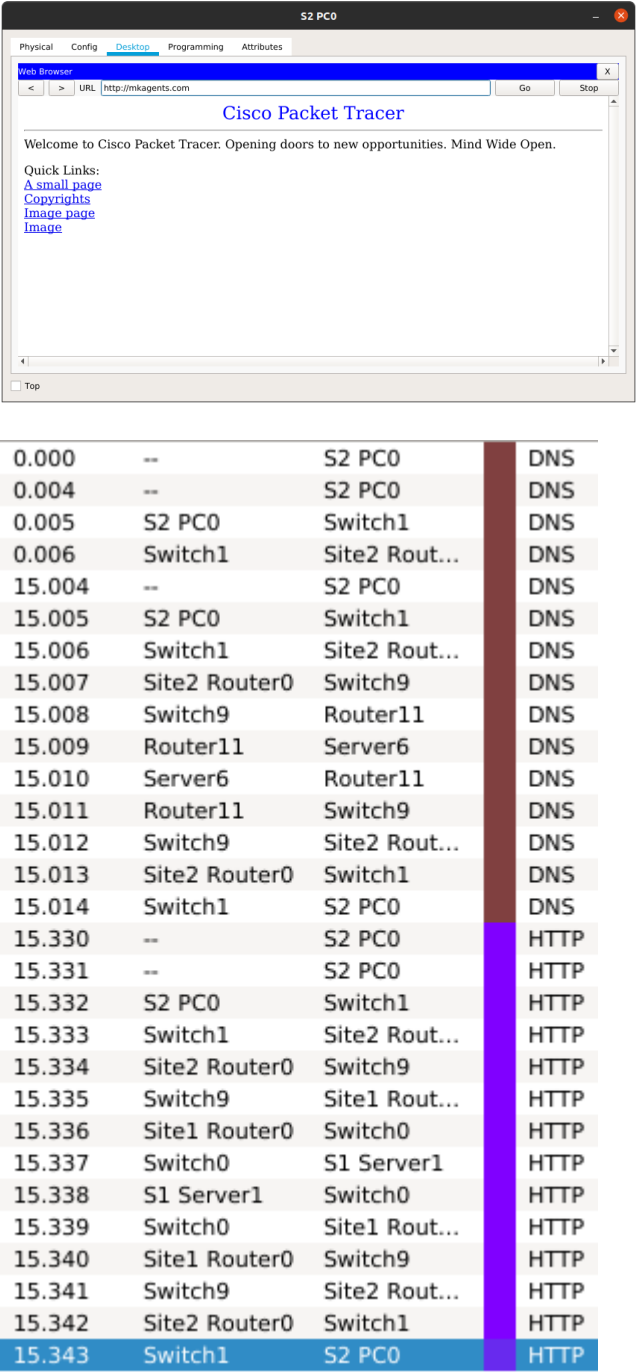


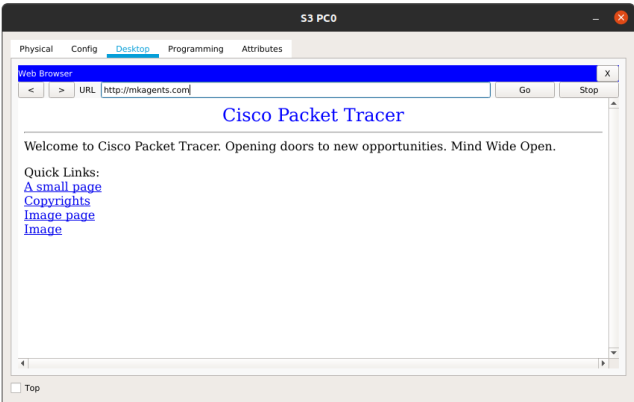


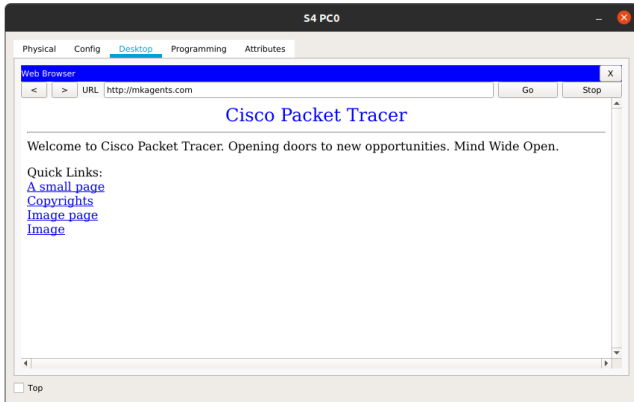


#	Test Name	Acceptance Criteria	Actual Result	Pass/Fail																																																																																																												
12	test DHCP assignment on site 4	<ul style="list-style-type: none"><li>Setting IP to DHCP-assigned should query the server</li><li>The server should reply with an IP in the 40.0.2.x range</li></ul>	<div><input checked="" type="checkbox"/> Setting IP to DHCP-assigned should query the server</div> <div><input checked="" type="checkbox"/> The server should reply with an IP in the 40.0.2.x range</div> <div>DHCP request successful.</div> <table><tr><td>0.000</td><td>--</td><td>S4 PC0</td><td>DHCP</td></tr><tr><td>0.001</td><td>S4 PC0</td><td>Switch3</td><td>DHCP</td></tr><tr><td>0.002</td><td>Switch3</td><td>Site4 Rout...</td><td>DHCP</td></tr><tr><td>0.002</td><td>Switch3</td><td>S4 Server1</td><td>DHCP</td></tr><tr><td>0.002</td><td>Switch3</td><td>S4 PC1</td><td>DHCP</td></tr><tr><td>0.002</td><td>Switch3</td><td>S4 Access ...</td><td>DHCP</td></tr><tr><td>0.003</td><td>S4 Access Po...</td><td>S4 Laptop0</td><td>DHCP</td></tr><tr><td>0.003</td><td>S4 Access Po...</td><td>S4 Laptop1</td><td>DHCP</td></tr><tr><td>1.506</td><td>S4 Server1</td><td>Switch3</td><td>DHCP</td></tr><tr><td>1.507</td><td>Switch3</td><td>Site4 Rout...</td><td>DHCP</td></tr><tr><td>1.507</td><td>Switch3</td><td>S4 PC0</td><td>DHCP</td></tr><tr><td>1.507</td><td>Switch3</td><td>S4 PC1</td><td>DHCP</td></tr><tr><td>1.507</td><td>Switch3</td><td>S4 Access ...</td><td>DHCP</td></tr><tr><td>1.508</td><td>S4 Access Po...</td><td>S4 Laptop0</td><td>DHCP</td></tr><tr><td>1.508</td><td>S4 PC0</td><td>Switch3</td><td>DHCP</td></tr><tr><td>1.508</td><td>S4 Access Po...</td><td>S4 Laptop1</td><td>DHCP</td></tr><tr><td>1.509</td><td>Switch3</td><td>Site4 Rout...</td><td>DHCP</td></tr><tr><td>1.509</td><td>Switch3</td><td>S4 Server1</td><td>DHCP</td></tr><tr><td>1.509</td><td>Switch3</td><td>S4 PC1</td><td>DHCP</td></tr><tr><td>1.509</td><td>Switch3</td><td>S4 Access ...</td><td>DHCP</td></tr><tr><td>1.510</td><td>S4 Access Po...</td><td>S4 Laptop0</td><td>DHCP</td></tr><tr><td>1.510</td><td>S4 Server1</td><td>Switch3</td><td>DHCP</td></tr><tr><td>1.510</td><td>S4 Access Po...</td><td>S4 Laptop1</td><td>DHCP</td></tr><tr><td>1.511</td><td>Switch3</td><td>Site4 Rout...</td><td>DHCP</td></tr><tr><td>1.511</td><td>Switch3</td><td>S4 PC0</td><td>DHCP</td></tr><tr><td>1.511</td><td>Switch3</td><td>S4 PC1</td><td>DHCP</td></tr><tr><td>1.511</td><td>Switch3</td><td>S4 Access ...</td><td>DHCP</td></tr></table>	0.000	--	S4 PC0	DHCP	0.001	S4 PC0	Switch3	DHCP	0.002	Switch3	Site4 Rout...	DHCP	0.002	Switch3	S4 Server1	DHCP	0.002	Switch3	S4 PC1	DHCP	0.002	Switch3	S4 Access ...	DHCP	0.003	S4 Access Po...	S4 Laptop0	DHCP	0.003	S4 Access Po...	S4 Laptop1	DHCP	1.506	S4 Server1	Switch3	DHCP	1.507	Switch3	Site4 Rout...	DHCP	1.507	Switch3	S4 PC0	DHCP	1.507	Switch3	S4 PC1	DHCP	1.507	Switch3	S4 Access ...	DHCP	1.508	S4 Access Po...	S4 Laptop0	DHCP	1.508	S4 PC0	Switch3	DHCP	1.508	S4 Access Po...	S4 Laptop1	DHCP	1.509	Switch3	Site4 Rout...	DHCP	1.509	Switch3	S4 Server1	DHCP	1.509	Switch3	S4 PC1	DHCP	1.509	Switch3	S4 Access ...	DHCP	1.510	S4 Access Po...	S4 Laptop0	DHCP	1.510	S4 Server1	Switch3	DHCP	1.510	S4 Access Po...	S4 Laptop1	DHCP	1.511	Switch3	Site4 Rout...	DHCP	1.511	Switch3	S4 PC0	DHCP	1.511	Switch3	S4 PC1	DHCP	1.511	Switch3	S4 Access ...	DHCP	Pass
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13	test DNS from site 1 - <a href="http://mkagents.com">http://mkagents.com</a>	<ul style="list-style-type: none"><li>• The client queries the DNS server successfully</li><li>• The DNS server replies with an address</li><li>• The client requests the webpage from the address</li><li>• The webpage displays properly</li></ul>	<div><div><input checked="" type="checkbox"/> The client queries the DNS server successfully</div><div><input checked="" type="checkbox"/> The DNS server replies with an address</div><div><input checked="" type="checkbox"/> The client requests the webpage from the address</div><div><input checked="" type="checkbox"/> The webpage displays properly</div></div> <div><table><tr><td>0.000</td><td>--</td><td>S1 PC1</td><td>DNS</td></tr><tr><td>0.001</td><td>S1 PC1</td><td>Switch0</td><td>DNS</td></tr><tr><td>0.002</td><td>Switch0</td><td>Site1 Rout...</td><td>DNS</td></tr><tr><td>0.003</td><td>Site1 Router0</td><td>Switch9</td><td>DNS</td></tr><tr><td>0.004</td><td>Switch9</td><td>Router11</td><td>DNS</td></tr><tr><td>0.005</td><td>Router11</td><td>Server6</td><td>DNS</td></tr><tr><td>0.006</td><td>Server6</td><td>Router11</td><td>DNS</td></tr><tr><td>0.007</td><td>Router11</td><td>Switch9</td><td>DNS</td></tr><tr><td>0.008</td><td>Switch9</td><td>Site1 Rout...</td><td>DNS</td></tr><tr><td>0.009</td><td>Site1 Router0</td><td>Switch0</td><td>DNS</td></tr><tr><td>0.010</td><td>Switch0</td><td>S1 PC1</td><td>DNS</td></tr><tr><td>0.014</td><td>--</td><td>S1 PC1</td><td>HTTP</td></tr><tr><td>0.015</td><td>--</td><td>S1 PC1</td><td>HTTP</td></tr><tr><td>0.016</td><td>S1 PC1</td><td>Switch0</td><td>HTTP</td></tr><tr><td>0.017</td><td>Switch0</td><td>S1 Server1</td><td>HTTP</td></tr><tr><td>0.018</td><td>S1 Server1</td><td>Switch0</td><td>HTTP</td></tr><tr><td>0.019</td><td>Switch0</td><td>S1 PC1</td><td>HTTP</td></tr></table><div><div></div><div><div>This log readout is much shorter than the other three due to the HTTP server being on the same network (10.0.1.1)</div></div></div></div> <td>Pass</td>	0.000	--	S1 PC1	DNS	0.001	S1 PC1	Switch0	DNS	0.002	Switch0	Site1 Rout...	DNS	0.003	Site1 Router0	Switch9	DNS	0.004	Switch9	Router11	DNS	0.005	Router11	Server6	DNS	0.006	Server6	Router11	DNS	0.007	Router11	Switch9	DNS	0.008	Switch9	Site1 Rout...	DNS	0.009	Site1 Router0	Switch0	DNS	0.010	Switch0	S1 PC1	DNS	0.014	--	S1 PC1	HTTP	0.015	--	S1 PC1	HTTP	0.016	S1 PC1	Switch0	HTTP	0.017	Switch0	S1 Server1	HTTP	0.018	S1 Server1	Switch0	HTTP	0.019	Switch0	S1 PC1	HTTP	Pass
0.000	--	S1 PC1	DNS																																																																					
0.001	S1 PC1	Switch0	DNS																																																																					
0.002	Switch0	Site1 Rout...	DNS																																																																					
0.003	Site1 Router0	Switch9	DNS																																																																					
0.004	Switch9	Router11	DNS																																																																					
0.005	Router11	Server6	DNS																																																																					
0.006	Server6	Router11	DNS																																																																					
0.007	Router11	Switch9	DNS																																																																					
0.008	Switch9	Site1 Rout...	DNS																																																																					
0.009	Site1 Router0	Switch0	DNS																																																																					
0.010	Switch0	S1 PC1	DNS																																																																					
0.014	--	S1 PC1	HTTP																																																																					
0.015	--	S1 PC1	HTTP																																																																					
0.016	S1 PC1	Switch0	HTTP																																																																					
0.017	Switch0	S1 Server1	HTTP																																																																					
0.018	S1 Server1	Switch0	HTTP																																																																					
0.019	Switch0	S1 PC1	HTTP																																																																					

#	Test Name	Acceptance Criteria	Actual Result	Pass/Fail
14	test DNS from site 2 - <a href="http://mkagents.com">http://mkagents.com</a>	<ul style="list-style-type: none"><li>• The client queries the DNS server successfully</li><li>• The DNS server replies with an address</li><li>• The client requests the webpage from the address</li><li>• The webpage displays properly</li></ul>	<div><input checked="" type="checkbox"/> The client queries the DNS server successfully</div> <div><input checked="" type="checkbox"/> The DNS server replies with an address</div> <div><input checked="" type="checkbox"/> The client requests the webpage from the address</div> <div><input checked="" type="checkbox"/> The webpage displays properly</div> <div></div>	Pass

#	Test Name	Acceptance Criteria	Actual Result	Pass/Fail																																																																																																																				
15	test DNS from site 3 - <a href="http://mkagents.com">http://mkagents.com</a>	<ul style="list-style-type: none"><li>• The client queries the DNS server successfully</li><li>• The DNS server replies with an address</li><li>• The client requests the webpage from the address</li><li>• The webpage displays properly</li></ul>	<div><div><input checked="" type="checkbox"/> The client queries the DNS server successfully</div><div><input checked="" type="checkbox"/> The DNS server replies with an address</div><div><input checked="" type="checkbox"/> The client requests the webpage from the address</div><div><input checked="" type="checkbox"/> The webpage displays properly</div></div> <div></div> <div><table><tr><td>0.000</td><td>--</td><td>S3 PC0</td><td>DNS</td></tr><tr><td>0.004</td><td>--</td><td>S3 PC0</td><td>DNS</td></tr><tr><td>0.005</td><td>S3 PC0</td><td>Switch2</td><td>DNS</td></tr><tr><td>0.006</td><td>Switch2</td><td>Site3 Rout...</td><td>DNS</td></tr><tr><td>15.001</td><td>--</td><td>S3 PC0</td><td>DNS</td></tr><tr><td>15.002</td><td>S3 PC0</td><td>Switch2</td><td>DNS</td></tr><tr><td>15.003</td><td>Switch2</td><td>Site3 Rout...</td><td>DNS</td></tr><tr><td>15.004</td><td>Site3 Router0</td><td>Switch9</td><td>DNS</td></tr><tr><td>15.005</td><td>Switch9</td><td>Router11</td><td>DNS</td></tr><tr><td>15.006</td><td>Router11</td><td>Server6</td><td>DNS</td></tr><tr><td>15.007</td><td>Server6</td><td>Router11</td><td>DNS</td></tr><tr><td>15.008</td><td>Router11</td><td>Switch9</td><td>DNS</td></tr><tr><td>15.009</td><td>Switch9</td><td>Site3 Rout...</td><td>DNS</td></tr><tr><td>15.010</td><td>Site3 Router0</td><td>Switch2</td><td>DNS</td></tr><tr><td>15.011</td><td>Switch2</td><td>S3 PC0</td><td>DNS</td></tr><tr><td>15.023</td><td>--</td><td>S3 PC0</td><td>HTTP</td></tr><tr><td>15.024</td><td>--</td><td>S3 PC0</td><td>HTTP</td></tr><tr><td>15.025</td><td>S3 PC0</td><td>Switch2</td><td>HTTP</td></tr><tr><td>15.026</td><td>Switch2</td><td>Site3 Rout...</td><td>HTTP</td></tr><tr><td>15.027</td><td>Site3 Router0</td><td>Switch9</td><td>HTTP</td></tr><tr><td>15.028</td><td>Switch9</td><td>Site1 Rout...</td><td>HTTP</td></tr><tr><td>15.029</td><td>Site1 Router0</td><td>Switch0</td><td>HTTP</td></tr><tr><td>15.030</td><td>Switch0</td><td>S1 Server1</td><td>HTTP</td></tr><tr><td>15.031</td><td>S1 Server1</td><td>Switch0</td><td>HTTP</td></tr><tr><td>15.032</td><td>Switch0</td><td>Site1 Rout...</td><td>HTTP</td></tr><tr><td>15.033</td><td>Site1 Router0</td><td>Switch9</td><td>HTTP</td></tr><tr><td>15.034</td><td>Switch9</td><td>Site3 Rout...</td><td>HTTP</td></tr><tr><td>15.035</td><td>Site3 Router0</td><td>Switch2</td><td>HTTP</td></tr><tr><td>15.036</td><td>Switch2</td><td>S3 PC0</td><td>HTTP</td></tr></table></div>	0.000	--	S3 PC0	DNS	0.004	--	S3 PC0	DNS	0.005	S3 PC0	Switch2	DNS	0.006	Switch2	Site3 Rout...	DNS	15.001	--	S3 PC0	DNS	15.002	S3 PC0	Switch2	DNS	15.003	Switch2	Site3 Rout...	DNS	15.004	Site3 Router0	Switch9	DNS	15.005	Switch9	Router11	DNS	15.006	Router11	Server6	DNS	15.007	Server6	Router11	DNS	15.008	Router11	Switch9	DNS	15.009	Switch9	Site3 Rout...	DNS	15.010	Site3 Router0	Switch2	DNS	15.011	Switch2	S3 PC0	DNS	15.023	--	S3 PC0	HTTP	15.024	--	S3 PC0	HTTP	15.025	S3 PC0	Switch2	HTTP	15.026	Switch2	Site3 Rout...	HTTP	15.027	Site3 Router0	Switch9	HTTP	15.028	Switch9	Site1 Rout...	HTTP	15.029	Site1 Router0	Switch0	HTTP	15.030	Switch0	S1 Server1	HTTP	15.031	S1 Server1	Switch0	HTTP	15.032	Switch0	Site1 Rout...	HTTP	15.033	Site1 Router0	Switch9	HTTP	15.034	Switch9	Site3 Rout...	HTTP	15.035	Site3 Router0	Switch2	HTTP	15.036	Switch2	S3 PC0	HTTP	Pass
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15.001	--	S3 PC0	DNS																																																																																																																					
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15.003	Switch2	Site3 Rout...	DNS																																																																																																																					
15.004	Site3 Router0	Switch9	DNS																																																																																																																					
15.005	Switch9	Router11	DNS																																																																																																																					
15.006	Router11	Server6	DNS																																																																																																																					
15.007	Server6	Router11	DNS																																																																																																																					
15.008	Router11	Switch9	DNS																																																																																																																					
15.009	Switch9	Site3 Rout...	DNS																																																																																																																					
15.010	Site3 Router0	Switch2	DNS																																																																																																																					
15.011	Switch2	S3 PC0	DNS																																																																																																																					
15.023	--	S3 PC0	HTTP																																																																																																																					
15.024	--	S3 PC0	HTTP																																																																																																																					
15.025	S3 PC0	Switch2	HTTP																																																																																																																					
15.026	Switch2	Site3 Rout...	HTTP																																																																																																																					
15.027	Site3 Router0	Switch9	HTTP																																																																																																																					
15.028	Switch9	Site1 Rout...	HTTP																																																																																																																					
15.029	Site1 Router0	Switch0	HTTP																																																																																																																					
15.030	Switch0	S1 Server1	HTTP																																																																																																																					
15.031	S1 Server1	Switch0	HTTP																																																																																																																					
15.032	Switch0	Site1 Rout...	HTTP																																																																																																																					
15.033	Site1 Router0	Switch9	HTTP																																																																																																																					
15.034	Switch9	Site3 Rout...	HTTP																																																																																																																					
15.035	Site3 Router0	Switch2	HTTP																																																																																																																					
15.036	Switch2	S3 PC0	HTTP																																																																																																																					

#	Test Name	Acceptance Criteria	Actual Result	Pass/Fail																																																																																																																				
16	test DNS from site 4 - <a href="http://mkagents.com">http://mkagents.com</a>	<ul style="list-style-type: none"><li>• The client queries the DNS server successfully</li><li>• The DNS server replies with an address</li><li>• The client requests the webpage from the address</li><li>• The webpage displays properly</li></ul>	<div><div><input checked="" type="checkbox"/> The client queries the DNS server successfully</div><div><input checked="" type="checkbox"/> The DNS server replies with an address</div><div><input checked="" type="checkbox"/> The client requests the webpage from the address</div><div><input checked="" type="checkbox"/> The webpage displays properly</div></div> <div></div> <div><table><tr><td>0.000</td><td>--</td><td>S4 PC0</td><td>DNS</td></tr><tr><td>0.004</td><td>--</td><td>S4 PC0</td><td>DNS</td></tr><tr><td>0.005</td><td>S4 PC0</td><td>Switch3</td><td>DNS</td></tr><tr><td>0.006</td><td>Switch3</td><td>Site4 Rout...</td><td>DNS</td></tr><tr><td>15.001</td><td>--</td><td>S4 PC0</td><td>DNS</td></tr><tr><td>15.002</td><td>S4 PC0</td><td>Switch3</td><td>DNS</td></tr><tr><td>15.003</td><td>Switch3</td><td>Site4 Rout...</td><td>DNS</td></tr><tr><td>15.004</td><td>Site4 Router0</td><td>Switch9</td><td>DNS</td></tr><tr><td>15.005</td><td>Switch9</td><td>Router11</td><td>DNS</td></tr><tr><td>15.006</td><td>Router11</td><td>Server6</td><td>DNS</td></tr><tr><td>15.007</td><td>Server6</td><td>Router11</td><td>DNS</td></tr><tr><td>15.008</td><td>Router11</td><td>Switch9</td><td>DNS</td></tr><tr><td>15.009</td><td>Switch9</td><td>Site4 Rout...</td><td>DNS</td></tr><tr><td>15.010</td><td>Site4 Router0</td><td>Switch3</td><td>DNS</td></tr><tr><td>15.011</td><td>Switch3</td><td>S4 PC0</td><td>DNS</td></tr><tr><td>15.023</td><td>--</td><td>S4 PC0</td><td>HTTP</td></tr><tr><td>15.024</td><td>--</td><td>S4 PC0</td><td>HTTP</td></tr><tr><td>15.025</td><td>S4 PC0</td><td>Switch3</td><td>HTTP</td></tr><tr><td>15.026</td><td>Switch3</td><td>Site4 Rout...</td><td>HTTP</td></tr><tr><td>15.027</td><td>Site4 Router0</td><td>Switch9</td><td>HTTP</td></tr><tr><td>15.028</td><td>Switch9</td><td>Site1 Rout...</td><td>HTTP</td></tr><tr><td>15.029</td><td>Site1 Router0</td><td>Switch0</td><td>HTTP</td></tr><tr><td>15.030</td><td>Switch0</td><td>S1 Server1</td><td>HTTP</td></tr><tr><td>15.031</td><td>S1 Server1</td><td>Switch0</td><td>HTTP</td></tr><tr><td>15.032</td><td>Switch0</td><td>Site1 Rout...</td><td>HTTP</td></tr><tr><td>15.033</td><td>Site1 Router0</td><td>Switch9</td><td>HTTP</td></tr><tr><td>15.034</td><td>Switch9</td><td>Site4 Rout...</td><td>HTTP</td></tr><tr><td>15.035</td><td>Site4 Router0</td><td>Switch3</td><td>HTTP</td></tr><tr><td>15.036</td><td>Switch3</td><td>S4 PC0</td><td>HTTP</td></tr></table></div>	0.000	--	S4 PC0	DNS	0.004	--	S4 PC0	DNS	0.005	S4 PC0	Switch3	DNS	0.006	Switch3	Site4 Rout...	DNS	15.001	--	S4 PC0	DNS	15.002	S4 PC0	Switch3	DNS	15.003	Switch3	Site4 Rout...	DNS	15.004	Site4 Router0	Switch9	DNS	15.005	Switch9	Router11	DNS	15.006	Router11	Server6	DNS	15.007	Server6	Router11	DNS	15.008	Router11	Switch9	DNS	15.009	Switch9	Site4 Rout...	DNS	15.010	Site4 Router0	Switch3	DNS	15.011	Switch3	S4 PC0	DNS	15.023	--	S4 PC0	HTTP	15.024	--	S4 PC0	HTTP	15.025	S4 PC0	Switch3	HTTP	15.026	Switch3	Site4 Rout...	HTTP	15.027	Site4 Router0	Switch9	HTTP	15.028	Switch9	Site1 Rout...	HTTP	15.029	Site1 Router0	Switch0	HTTP	15.030	Switch0	S1 Server1	HTTP	15.031	S1 Server1	Switch0	HTTP	15.032	Switch0	Site1 Rout...	HTTP	15.033	Site1 Router0	Switch9	HTTP	15.034	Switch9	Site4 Rout...	HTTP	15.035	Site4 Router0	Switch3	HTTP	15.036	Switch3	S4 PC0	HTTP	Pass
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