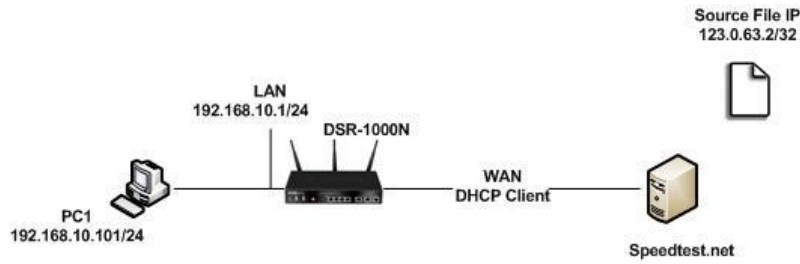


How to setup DSR Traffic Management and test with Speedtest.net

[Topology]

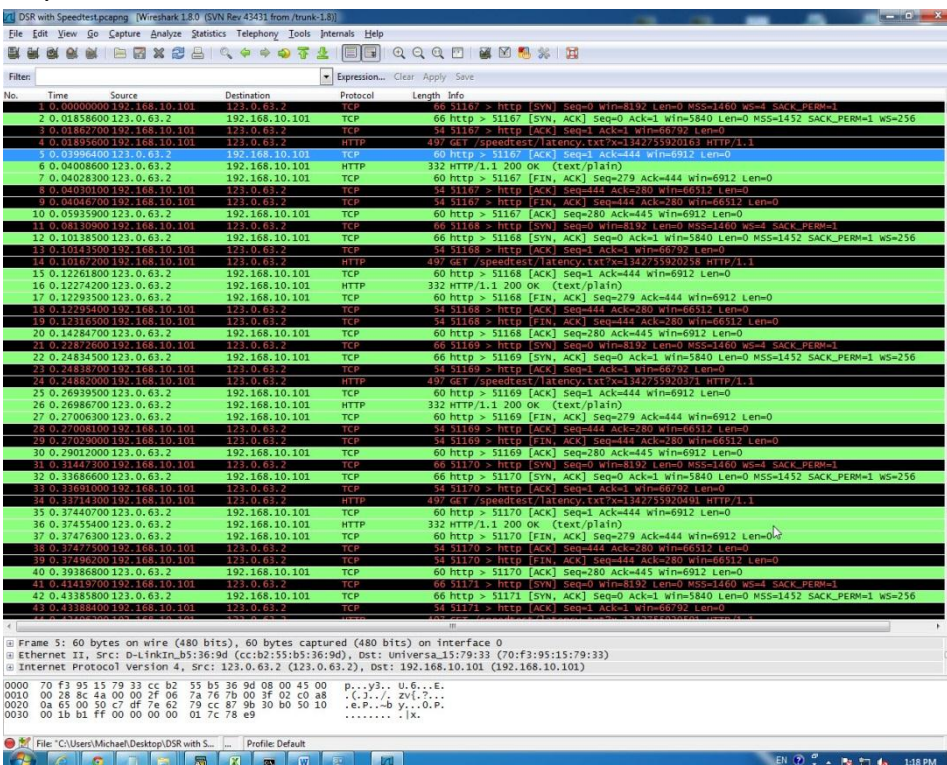


[Speedtest]

1. Running Wireshark and test the speed on the speedtest.net web site and 111.250.7.128 is our public IP.



2. As you can see the IP address 123.0.63.2 is our test source IP.



1. Advanced > Firewall Settings > Customer Services

CUSTOM SERVICES
LOGOUT

When you create a firewall rule, you can specify a service that is controlled by the rule.. Common types of services are available for selection, and you can create your own custom services. This page allows creation of custom services against which firewall rules can be defined. Once defined, the new service will appear in the List of Available Custom Services table.

List Of Available Custom Services

	Name	Type	ICMP Type / Port Range
<input type="checkbox"/>	allservice	Both	1 - 65535

2. Advanced > Advanced Network > Traffic Management > Bandwidth Profiles

BANDWIDTH PROFILES
LOGOUT

This page shows the list of configured bandwidth profiles. These profiles then can be used with the traffic selectors.

Enable Bandwidth Profiles:

List of Bandwidth Profiles

	Name	Bandwidth Rate / Priority
<input type="checkbox"/>	test-out	100-100 Kbps.
<input type="checkbox"/>	test-in	100-100 Kbps.

Bandwidth Profile Configuration

Name:

Policy Type:

Profile Type:

Priority:

Minimum Bandwidth Rate: (1 - Max. Bandwidth Kbps)

Maximum Bandwidth Rate: (100 - 1000000 Kbps)

WAN Interface:

LAN Interface:

Bandwidth Profile Configuration

Name:

Policy Type:

Profile Type:

Priority:

Minimum Bandwidth Rate: (1 - Max. Bandwidth Kbps)

Maximum Bandwidth Rate: (100 - 1000000 Kbps)

WAN Interface:

LAN Interface:

3. Advanced > Advanced Network > Traffic Management > Traffic Selectors

TRAFFIC SELECTORS		LOGOUT	
This page shows a list of traffic selectors. Traffic selectors are service based rules to which user can attach bandwidth profiles.			
List of Traffic Selectors			
<input type="checkbox"/>	Service	Traffic Selector Match Type	Bandwidth Profile
<input type="checkbox"/>	allservice	IP	test-out
<input type="checkbox"/>	allservice	IP	test-in

Traffic Selector Configuration	
Available Profiles:	test-out ▼
Service:	allservice ▼
Traffic Selector Match Type:	IP ▼
IP Address:	192.168.10.101
Subnet Mask:	255.255.255.255
MAC Address:	
Port Name:	Port 1 ▼
BSSID:	ap1 ▼
VLAN:	Default ▼

Traffic Selector Configuration	
Available Profiles:	test-in ▼
Service:	allservice ▼
Traffic Selector Match Type:	IP ▼
IP Address:	123.0.63.2
Subnet Mask:	255.255.255.0
MAC Address:	
Port Name:	Dedicated Port ▼
BSSID:	ap1 ▼
VLAN:	Default ▼

You can see the inbound IP address has to setup speedtest source IP address. (123.0.63.2)

[Test result on PC1]

The screenshot shows the Speedtest.net website interface. At the top, there are navigation links for LOGIN, EN, MY RESULTS, SUPPORT, SETTINGS, and SPEED WAVE. The main content area features a large banner with the text "Before you test your speed: Maximize your PC performance with TuneUp" and a "START NOW" button. Below this, the test results are displayed: PING 38 ms, DOWNLOAD SPEED 0.09 Mbps, and UPLOAD SPEED 0.09 Mbps. A "SHARE THIS RESULT" button is also present. The page includes several promotional banners, such as "HiNet光世代 50M" with a price of 999元, "Find Faster Internet" with a search bar, and "IP Transit \$7/Mbps". The footer contains sections for "SPEED WAVE", "PINGTEST.NET", "MY RESULTS", and "Welcome to Speedtest.net".

Metric	Value
PING	38 ms
DOWNLOAD SPEED	0.09 Mbps
UPLOAD SPEED	0.09 Mbps

END