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**Testing Schedule for USA
(Fixed)**

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1 Important Notice

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Testing Schedule for USA (Fixed)

Test Name	Test Target(s)	Test Frequency	Test Duration	Est. Daily Volume
Web browsing	10 popular US websites	Every 2 hours, 24x7	Est. 30 seconds	80MB
Video streaming*	1 off-net test node	Hourly, 24x7	Fixed 10 seconds at 768kbps, 1.25Mbps, 2.25Mbps, 3.75Mbps	60MB
	1 on-net test node	Hourly, 24x7	Fixed 10 seconds at 768kbps, 1.25Mbps, 2.25Mbps, 3.75Mbps	60MB
Voice over IP	1 off-net test node	Hourly, 24x7	Fixed 30 seconds at 64k	1MB
	1 on-net test node	Hourly, 24x7	Fixed 30 seconds at 64k	1MB
Download speed**	1 off-net test node	Every 2 hours, 24x7	Fixed 30 seconds***	2.1GB at 50Mbps 879MB at 20Mbps 430MB at 10Mbps 131MB at 3Mbps 66MB at 1.5Mbps
	1 on-net test node	Every 4 hours, 24x7	Fixed 30 seconds***	1.07GB at 50Mbps 440MB at 20Mbps 66MB at 3Mbps 33MB at 1.5Mbps
Upload speed***	1 off-net test node	Every 2 hours, 24x7	Fixed 30 seconds***	88MB at 2Mbps 44MB at 1Mbps 22MB at 0.5Mbps
	1 on-net test node	Every 4 hours, 24x7	Fixed 30 seconds***	44MB at 2Mbps 22MB at 1Mbps

Test Name	Test Target(s)	Test Frequency	Test Duration	Est. Daily Volume
				11MB at 0.5Mbps
UDP latency	1 off-net test node	Hourly, 24x7	Permanent	1MB
	1 on-net test node	Hourly, 24x7	Permanent	1MB
UDP packet loss	1 off-net test node	Hourly, 24x7	Permanent	N/A (uses above)
	1 on-net test node	Hourly, 24x7	Permanent	N/A (uses above)
Consumption	N/A	24x7	N/A	N/A
DNS resolution	10 popular US websites	Hourly, 24x7	Est. 3 seconds	0.3MB
ICMP latency	1 off-net test node 1 on-net test node	Hourly, 24x7	Est. 5 seconds	0.3MB
ICMP Packet loss	1 off-net test node 1 on-net test node	Hourly, 24x7	N/A (As ICMP latency)	N/A (uses above)
Traceroute	1 off-net test node 1 on-net test node	Three times a day, 24x7	N/A	N/A
Netflix^	Netflix Open Connect Appliances	Six times a day	20 seconds	700MB at 50Mbps 286MB at 20Mbps 143MB at 10Mbps 42MB at 3Mbps
YouTube^	YouTube Content Servers	Six times a day	20 seconds	150MB
Download speed IPv6^^	1 off-net test node	Three times a day	Fixed 30 seconds	548MB at 50Mbps 220MB at 20Mbps 33MB at 3Mbps 17MB at 1.5Mbps
Upload speed IPv6^^	1 off-net test node	Three times a day	Fixed 30 seconds	22MB at 2Mbps 11MB at 1Mbps 6MB at 0.5Mbps
UDP Latency / Loss IPv6^^	1 off-net test node	Hourly, 24x7	Permanent	1MB

*Video streaming rates: Lines will only stream the rates they are capable of, according to the latest speed test results. If a rate is deemed unreachable (e.g. a 3.75Mbps rate on a 1Mbps line), then it will be skipped.

**Download/upload daily volumes are estimates based upon likely line speeds. All tests will operate at maximum line rate so actual consumption may vary.

***The speed tests run for a fixed duration of 30 seconds, but output the cumulative average transfer speed every 5 seconds (i.e. the first average is for seconds 0-5, the second is for 0-10, etc). This allows us to measure performance over multiple durations, whilst running only one test.

^Currently in beta testing.

^^Only carried out on lines that support IPv6.

[DOCUMENT ENDS]