Belto - Network Audit Report

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Date of Scan: 2025-02-16 20:26:30

Client Information:

Client Name: 1

Address: 1

Internet Service Provider: 1

Report Overview

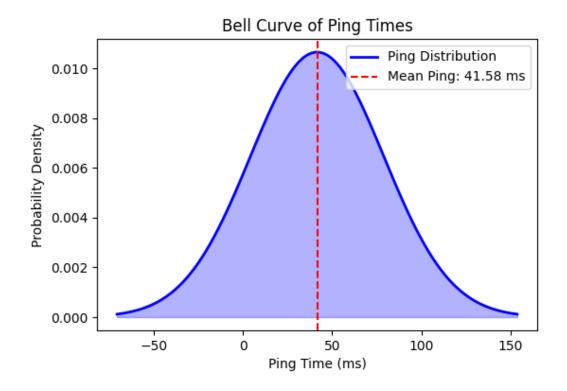
This report provides an overview of the network scan results, including ping statistics and a visual representation of the data distribution.

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IP Address	Min	Avg	Max	Range	Median	Std Dev	Variance
192.168.1.1	4.00 ms	13.00 ms	18.74 ms	14.73 ms	14.55 ms	5.22 ms	27.28 ms
192.168.1.111	0.16 ms	0.19 ms	0.21 ms	0.04 ms	0.19 ms	0.01 ms	0.00 ms
192.168.1.116	23.10 ms	64.84 ms	115.77 ms	92.67 ms	65.87 ms	32.03 ms	1025.87 ms
192.168.1.178	5.21 ms	13.51 ms	18.75 ms	13.53 ms	14.58 ms	4.84 ms	23.46 ms
192.168.1.2	4.94 ms	13.71 ms	26.79 ms	21.85 ms	13.75 ms	6.03 ms	36.40 ms
192.168.1.36	32.78 ms	77.68 ms	122.60 ms	89.83 ms	78.46 ms	32.58 ms	1061.58 ms
192.168.1.40	5.65 ms	20.47 ms	84.39 ms	78.74 ms	14.97 ms	22.96 ms	527.00 ms
192.168.1.53	39.54 ms	119.82 ms	314.28 ms	274.74 ms	100.85 ms	78.93 ms	6229.82 ms
192.168.1.94	17.94 ms	51.03 ms	73.40 ms	55.46 ms	61.69 ms	21.26 ms	451.87 ms

Ping Time Distribution



Additional Image 1

General Ping Speed Comparison Table					
Ping Speed (ms)	Performance Category	Typical Usage & Device Examples			
< 10 ms	Excellent (Ultra- Fast)	Competitive gaming, real-time financial trading, high-performance enterprise networks.			
10 - 30 ms	Fast	Online gaming, video conferencing (Zoom, Teams), VoIP calls.			
30 - 50 ms	Average	General web browsing, streaming HD video, cloud computing.			
50 - 100 ms	Moderate	Standard video calls, non-competitive gaming, 4K streaming.			
100 - 150 ms	Slow	Noticeable lag in gaming, voice/video calls may degrade.			
150 - 250 ms	Poor	High latency, significant lag in real-time applications.			
> 250 ms	Very Bad (Unusable)	Severe lag in gaming, video calls drop, delayed web browsing.			

Additional Image 2

Device Type & Expected Ping Performance							
Device Type	Expected Ping Range (ms)	Performance Notes					
Wired PC/Laptop	5 - 30 ms	Ethernet connection minimizes latency.					
Gaming Console	10 - 50 ms	Low latency preferred for smooth gameplay.					
Smartphones (WiFi)	20 - 100 ms	Varies based on network congestion and distance from router.					
Smart TVs & Streaming Devices	30 - 100 ms	Streaming adapts but buffering may occur above 80 ms.					
loT Devices (Smart Home, Cameras, Sensors)	50 - 250 ms	Often use lower-priority bandwidth, not optimized for low latency.					
Satellite Internet	500+ ms	Extremely high latency due to signal travel distance.					