

EDNS0:512 EDNS0:1232 EDNS0:512 EDNS0:1232

Path 1280 (no PMTUD)
Path 1280 (no PMTUD)
Path 1280 (no PMTUD)
Path 1500 (PMTUD)

40K
30K
20K
10K
0

No. of SN

UDP client edns fallback

Figure 10 consists of three bar charts for IPv4, IPv6, and Dual-Stack configurations. The y-axis represents the number of nodes (No. of NS) from 0 to 40K. The x-axis shows configurations for EDNS0:512, EDNS0:1232, and EDNS0:4096, each with path lengths of 1500, 1280 (no PMTUD), and 1280 (PMTUD). The bars are colored light blue for 1500, light orange for 1280 (no PMTUD), and light green for 1280 (PMTUD). Error bars are present on all data points.

Configuration	Path 1500	Path 1280 (no PMTUD)	Path 1280 (PMTUD)
IPv4 EDNS0:512	~18K	~18K	~18K
IPv4 EDNS0:1232	~18K	~18K	~18K
IPv4 EDNS0:4096	~18K	~18K	~18K
IPv6 EDNS0:512	~18K	~18K	~18K
IPv6 EDNS0:1232	~18K	~18K	~18K
IPv6 EDNS0:4096	~18K	~18K	~18K
Dual-Stack EDNS0:512	~35K	~35K	~35K
Dual-Stack EDNS0:1232	~35K	~35K	~35K
Dual-Stack EDNS0:4096	~35K	~35K	~35K

The chart displays the number of nodes for various network configurations. The y-axis represents the number of nodes, ranging from 0 to 300K. The x-axis is divided into three main sections: IPv4, IPv6, and Dual-Stack. Each section contains three sub-sections for EDNS0:512, EDNS0:1232, and EDNS0:4096. Within each sub-section, there are two paths: Path 1280 (no PMTUD) and Path 1280 (PMTUD). The Dual-Stack configurations show a significant increase in node count compared to IPv4 and IPv6.

Protocol	EDNS0	Path	No. of Nodes (approx.)
IPv4	EDNS0:512	Path 1280 (no PMTUD)	~180K
		Path 1280 (PMTUD)	~180K
	EDNS0:1232	Path 1280 (no PMTUD)	~220K
		Path 1280 (PMTUD)	~220K
	EDNS0:4096	Path 1280 (no PMTUD)	~220K
		Path 1280 (PMTUD)	~220K
IPv6	EDNS0:512	Path 1280 (no PMTUD)	~10K
		Path 1280 (PMTUD)	~10K
	EDNS0:1232	Path 1280 (no PMTUD)	~10K
		Path 1280 (PMTUD)	~10K
	EDNS0:4096	Path 1280 (no PMTUD)	~10K
		Path 1280 (PMTUD)	~10K
Dual-Stack	EDNS0:512	Path 1280 (no PMTUD)	~220K
		Path 1280 (PMTUD)	~220K
	EDNS0:1232	Path 1280 (no PMTUD)	~220K
		Path 1280 (PMTUD)	~220K
	EDNS0:4096	Path 1280 (no PMTUD)	~220K
		Path 1280 (PMTUD)	~220K

Figure 10 is a bar chart titled "No. of connections per path" showing the number of connections per path for IPv4, IPv6, and Dual-Stack configurations. The y-axis represents the number of connections, ranging from 0 to 300K. The x-axis lists configurations for each stack, including EDNS0 flags and path descriptions.

The configurations are grouped by stack:

- IPv4:**
 - EDNS0:512, EDNS0:1232, EDNS0:4096
 - Path 1280 (no PMTUD), Path 1280 (no PMTUD), Path 1280 (no PMTUD)
 - Path 1280 (no PMTUD), Path 1280 (no PMTUD), Path 1280 (no PMTUD)
 - Path 1280 (no PMTUD), Path 1280 (no PMTUD), Path 1280 (no PMTUD)
 - Path 1280 (no PMTUD), Path 1280 (no PMTUD), Path 1280 (no PMTUD)
 - Path 1280 (no PMTUD), Path 1280 (no PMTUD), Path 1280 (no PMTUD)
- IPv6:**
 - EDNS0:512, EDNS0:1232, EDNS0:4096
 - Path 1280 (no PMTUD), Path 1280 (no PMTUD), Path 1280 (no PMTUD)
 - Path 1280 (no PMTUD), Path 1280 (no PMTUD), Path 1280 (no PMTUD)
 - Path 1280 (no PMTUD), Path 1280 (no PMTUD), Path 1280 (no PMTUD)
 - Path 1280 (no PMTUD), Path 1280 (no PMTUD), Path 1280 (no PMTUD)
 - Path 1280 (no PMTUD), Path 1280 (no PMTUD), Path 1280 (no PMTUD)
- Dual-Stack:**
 - EDNS0:512, EDNS0:1232, EDNS0:4096
 - Path 1280 (no PMTUD), Path 1280 (no PMTUD), Path 1280 (no PMTUD)
 - Path 1280 (no PMTUD), Path 1280 (no PMTUD), Path 1280 (no PMTUD)
 - Path 1280 (no PMTUD), Path 1280 (no PMTUD), Path 1280 (no PMTUD)
 - Path 1280 (no PMTUD), Path 1280 (no PMTUD), Path 1280 (no PMTUD)
 - Path 1280 (no PMTUD), Path 1280 (no PMTUD), Path 1280 (no PMTUD)

The chart shows that the number of connections per path is highest for the Dual-Stack configuration (around 225K) and lowest for the IPv6 configuration (around 10K).