Don't Let IPv4 Exhaustion Stall Your Growth

Regional and rural broadband is set to boom, but the cost to buy IPv4 address space.

Learn more about cost-effective IPv4 connectivity in the A10 Networks' report, "Making Cents of IPv4 – Cost and Capacity Considerations for Regional and Rural Service Providers."

$1,800 CapEx for a complete FTTH location (distribution, optical networking, feeder, line, control cards, etc.)

1.9B people in Asia-Pacific lack internet connectivity

42M U.S. consumers currently lack broadband internet service

10,000 IPv4 addresses now cost up to $320,000.

What else could that buy?

178 additional FTTH locations — how many more customers can you serve?

10,000 new subscribers could only need 150 IPv4 addresses

Reduce IPv4 acquisition costs by 80%

Gain time for more gradual IPv6 adoption side-by-side with continued IPv4

Sell unused IPv4 addresses to capture additional revenue

Redirect IPv4 acquisition costs to business growth

Capture the regional and rural broadband opportunity

Closing the digital divide will bring millions—or billions—of new subscribers into the market.

41% of E.U. households aren't covered by next-generation access technology

Government-led initiatives are pumping billions into rural broadband programs

Free IPv4 addresses fully allocated by the RIR — leading to IPv4 exhaustion

$32 is the cost of each IPv4 address now, and prices rise every year

That could add 15% to annual OpEx per location

As long as customers want IPv4 content, you have to support IPv4 connectivity

Almost 2/3 of Google queries access the internet using IPv4

What about IPv6?

The CGNAT option

Share existing IPv4 addresses to 64+ subscribers to solve IPv4 exhaustion

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Invest for continuous migration

Meet both short-term IPv4 needs and long-term IPv6 needs through a lifecycle approach to migration

Use CGNAT to solve IPv4 exhaustion

Apply advanced features for transition between IPv4 and IPv6

Maintain a seamless & secure subscriber experience throughout lifecycle

That's a lot of new connectivity—at a potentially crushing price