

Don't Let IPv4 Exhaustion Stall Your Growth

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

of new subscribers into the market

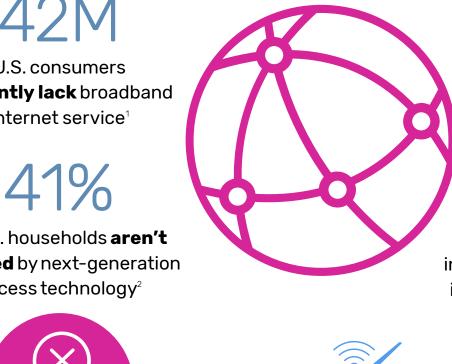
Closing the digital divide will bring millions—or billions—



U.S. consumers currently lack broadband internet service1

of E.U. households aren't

covered by next-generation access technology²





lack internet

connectivity³ Government-

led initiatives are **pumping billions**

into rural broadband programs







is the cost of each IPv4 address now, and prices rise every year And by 2024, each IPv4



That could add

perlocation

15% to annual OpEx

Free

IPv4 addresses fully

RIR-leading to IPv4

allocated by the

exhaustion

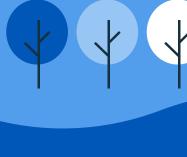


address may cost











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

What else could that buy?



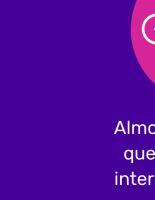
line, control cards, etc.)



co-exist for years

IPv6 and IPv4 will

What about IPv6?



Conversion of existing IPv4 infrastructure

is a costly long-

term project

Share

addresses to 64+

IPv4 exhaustion

subscribers to solve

existing IPv4

Gain

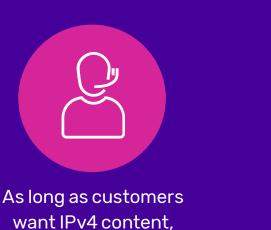
time for more

gradual IPv6

adoption side-by-side with continued IPv4







Reduce

Redirect

IPv4 acquisition

IPv4 acquisition

business growth

costs to

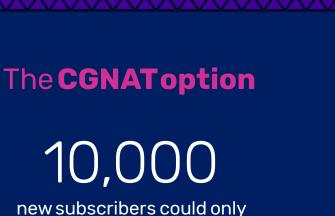
costs by 80%

v6

Less than 20%

of websites

currently use IPv64



Sell

unused IPv4 addresses to capture additional revenue

need 150 IPv4 addresses



IPv4 needs and

long-term IPv6

to migration

IPv4 and IPv6

needs through a

lifecycle approach

Apply advanced **features** for transition between





to solve IPv4 exhaustion Maintain a seamless & secure subscriber experience

Capture the regional and rural

broadband opportunity 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 BroadbandNow Research, "BroadbandNow Estimates Availability for all 50 States," 2021 ² European Commission, "Digital Economy and Society Index (DESI) 2020: Connectivity," 2020 ³ DataReportal, "Digital 2020: Global Digital Overview Report," 2020

Download Report

- ⁴ W4 Techs Web Technology Survey, July 15, 2021 ⁵ Google IPv6 Statistics, July 15, 2021

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