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# Driving Business Performance: A Leading Proxy Provider's Partnership with Freedomtech

## BUSINESS CHALLENGE

A global proxy provider was facing a critical scaling challenge as its customer base expanded worldwide. With demand for massive volumes of IP addresses growing rapidly, the provider needed to lease not only large blocks of subnets but also powerful bare-metal servers to support high-performance workloads.

A key requirement was the ability to assign more than 32,000 IP addresses to a single server—a scale that most infrastructure providers in the market were unable to support. Despite extensive searching, the provider found it difficult to identify a partner capable of delivering such large IP allocations on a single machine while maintaining reliability and performance.

Freedomtech emerged as the ideal partner, offering a unique market differentiator: the ability to assign unlimited IP addresses per server, enabling the proxy provider to scale efficiently without compromise.

## SOLUTION

Freedomtech designed and delivered a tailored infrastructure solution that addressed both the provider's immediate requirements and its long-term growth strategy. Key components included:

- High-performance GPU servers with enterprise-grade specifications, optimized for large-scale workloads.
- Over 300,000 IPv4 addresses, strategically pre-geolocated in target regions across the US, Europe, and Asia-Pacific before deployment.
- Unmetered 10Gbps bandwidth per server, ensuring the performance and stability required for large-scale proxy operations.
- Seamless scalability, enabling the provider to continue adding capacity without hitting IP allocation or performance bottlenecks

## RESULTS

- Enabled the assignment of unlimited IP volumes to dedicated servers.
- Consolidated 20 subnet providers into a single source: Freedomtech Solutions.
- Delivered significant cost savings through IP subnet leasing versus outright purchase.
- Provided fully managed IPAM services, ensuring rapid IP allocation and operational efficiency.