



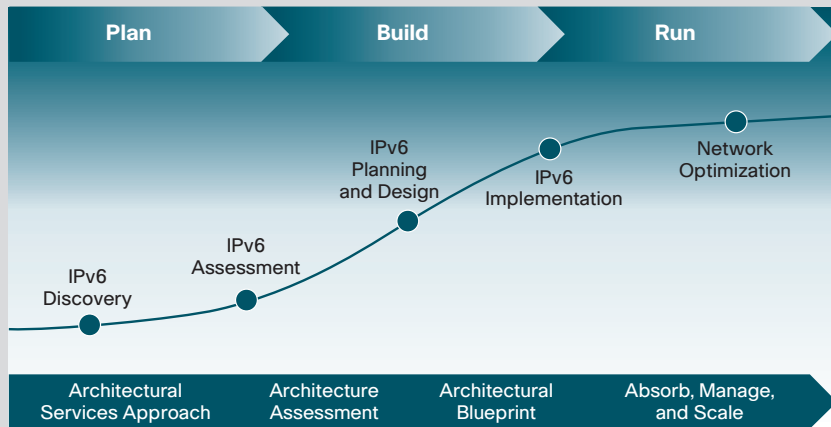
# Cisco IPv6 Services

Proactively budget time, money, and resources, and prioritize critical areas of your business and network, as you scale beyond IPv4 limitations.

## Adopting IPv6 to Connect and Compete

As networks expand beyond traditional boundaries, IPv6 is catalyzing growth across industries and markets. It is spawning new business models and enabling businesses to connect with and expand into more countries around the world. Yet, adopting IPv6 is not simple. It must be addressed using a phased approach with careful validation and testing to avoid disrupting the IPv4 network or introducing vulnerabilities.

Cisco® takes a phased approach to IPv6 adoption that is based on more than ten years' IPv6 industry leadership and includes proven methodologies, architectures, and best-practice guidelines.



### A Phased Approach to Successful IPv6 Adoption

Cisco IPv6 Services begin with a phased plan aligned to your business strategy, in which we:

1. Identify the highest priority IPv6-critical areas in your network.
2. Assess those areas to determine the scope of your IPv6 design.
3. Develop a design that enables IPv6 to be introduced without disrupting your IPv4 network.
4. Test and implement IPv6 in pilot mode, then extend over time into production deployment.

We repeat these phases for the next IPv6 areas in your network through ongoing optimization.

### IPv6 Discovery Service

When you are in the early stages of considering a transition to IPv6, Cisco can help you explore the potential effects to your IT infrastructure and the benefits of transitioning. We help you understand what IPv6 can do, show you how to align your business strategy and IT strategy, and provide next steps and recommendations as you plan for successful adoption.

### IPv6 Assessment Service

This service can help you determine how your network needs to change to support your IPv6 strategy. Activities and deliverables include:

- Aligning your business strategy and IT strategy
- Gathering your technical and business requirements
- Analyzing your network devices to determine IPv6 readiness
- Assess your network architecture to identify challenges that might occur as you transition

### IPv6 Planning and Design Service

Cisco IPv6 experts can create designs and a transition strategy to enable IPv6 introduction without disrupting your IPv4 network. Activities and deliverables include:

- Develop a high-level architectural blueprint for your IPv6 network
- Develop a detailed design for your IPv6 network devices

- Create a transition strategy
- Create a test plan for validating designs IPv6 Implementation Service

When you are ready to implement IPv6, Cisco can support testing to validate that your network is ready. In addition, we can provide implementation consulting services, including:

- Create a plan for implementing IPv6
- Develop test plans for each stage of the network implementation plan
- Provide consultative support and knowledge transfer sessions while you and/or your Cisco partner are validating the design and implementing the architecture

### Network Optimization Service

After IPv6 has been deployed, assessment, design support, and testing of subsequent areas are handled through ongoing optimization. All aspects of this comprehensive, tightly integrated subscription package can support IPv6.

### Availability and Ordering

Cisco IPv6 Services are available globally and can be purchased from Cisco and Cisco Certified Partners. Service delivery details might vary by region. For more information about how Cisco can help you succeed with IPv6, visit [www.cisco.com/go/ipv6](http://www.cisco.com/go/ipv6).