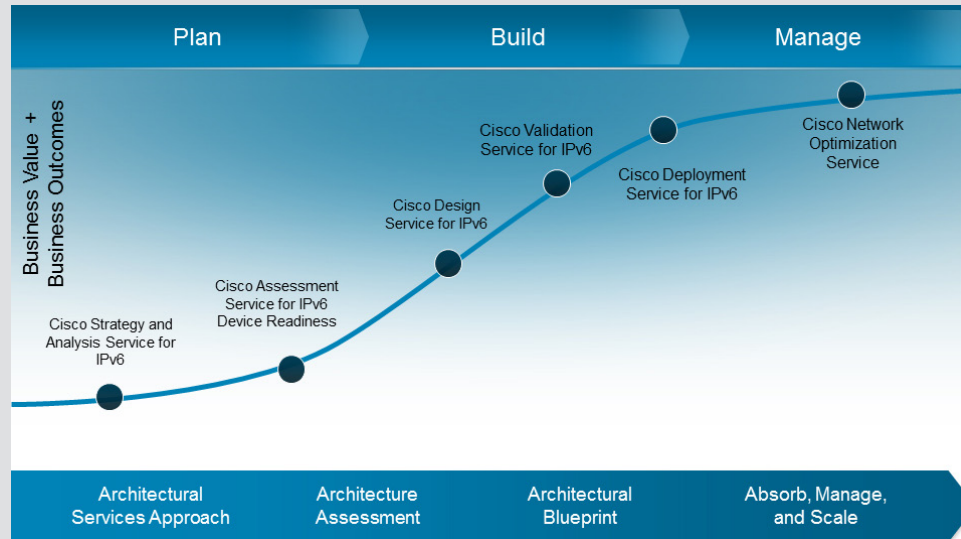# Cisco IPv6 Services

PREPARE YOUR NETWORK TO SUPPORT TECHNOLOGY SOLUTIONS THAT ADDRESS TODAY'S BUSINESS TRANSITIONS.

## Adopting IPv6 to Connect and Compete

As networks expand beyond traditional boundaries, IPv6 is catalyzing growth across industries and markets. It is promoting 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 10 years' IPv6 industry leadership and includes proven methodologies, architectures, and best practice guidelines.



### Our Phased Approach to Successful IPv6 Adoption

Cisco® IPv6 Services can help you:

- Determine how your network needs to change to support your technology solutions
- Understand how to align your business strategy and IT strategy as part of a thorough discovery process
- Transition to IPv6 while protecting legacy network, server, and application investments
- Validate that your network is ready for IPv6 implementation
- Absorb, manage, and scale IPv6 in your migrated or mixed IPv4/IPv6 environment

## Cisco Strategy and Analysis Service for IPv6, Formerly Known as Cisco IPv6 Discovery Service

We work with you to understand the benefits and challenges of IPv6 and share Cisco architecture and technical design leading practices for IPv6 adoption. When you are in the early stages of considering a transition to IPv6, Cisco can help you explore potential effects to your IT infrastructure and benefits of transitioning.

## Cisco Assessment Service for IPv6 Device Readiness, Formerly Known as Cisco IPv6 Device Readiness Assessment

We analyze your Cisco network devices to determine IPv6 readiness and devices that need to be upgraded to support IPv6.

## Cisco Assessment Service for IPv6 Architecture, Formerly Known as IPv6 Architecture Assessment

In this assessment, we:

- Gather your technical and business requirements for implementing IPv6 on your infrastructure, servers, compute, storage, and applications
- Assess your network architecture to identify challenges that might occur
- Recommend changes and upgrades
- Create a strategy for transitioning your current network to IPv6

# Cisco IPv6 Services

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## Cisco Design Service for IPv6, Formerly Known as IPv6 Design Service

Based on the outcome and findings from the strategy and analysis as well as assessment services, we create an IPv6 architecture design that meets your business and technical goals.

## Cisco Plan and Build Service for IPv6, Formerly Known as Cisco IPv6 Planning and Design Service

With this service, we:

- Review and define assessment results through a one-day workshop
- Develop a high-level architectural blueprint for your IPv6 network
- Develop a detailed design, including configuration templates, for your IPv6 network devices
- Create a test plan for validating the IPv6 design in a lab setting

## Cisco Validation and Deployment Services for IPv6, Formerly Known as Cisco IPv6 Implementation Service

With this service, we:

- Create a plan for implementing IPV6 in your lab, pilot network, and production network
- Develop test plans for each stage of the network implementation plan
- Provide consultative support and knowledge transfer sessions while validating the design and implementing the architecture

## Cisco Network Optimization Service

With this service, we can:

- Determine additional changes
- Review your IPv6 design priorities, goals, and requirements
- Provide ongoing design support for incremental IPv6 changes
- Help your staff succeed with IPv6 through ongoing support and learning resources

## Availability

Cisco IPv6 Services are available globally and can be purchased from Cisco and Cisco Certified Partners. Service delivery details may vary by region.

## Further Information

For more information about how Cisco can help you succeed with IPv6, visit www.cisco.com/go/IPv6 or contact your local Cisco account representative.