

Cisco Migration Services

TOOLS AND SERVICES THAT ACCELERATE A NETWORK UPGRADE OR CONVERSION.



Why Do Service Providers Need Cisco Migration Services?

The widespread adoption of IP next-generation networks (NGN) has increased demand for migration services. Service providers need to meet subscriber demands with improved network capacity, performance, and security; increase average revenue per user (ARPU) through new service offerings; and reduce operating expenditures by consolidating services or swapping out end-of-life / support products.

Challenges

Service providers are challenged with the need for seamless transitions to new products and revenue-generating services, faster time to market, deployment and operational risk mitigation, minimal effects to existing services, operational readiness, and knowledge transfer.

The Solution

Expertise, automation and translation tools, best practices, and process discipline enable Cisco® Services to accelerate and de-risk network upgrades, including IPv6 enablement. Equally efficient are migrations from Juniper to Cisco, Alcatel-Lucent to Cisco, Huawei to Cisco, or any legacy platform to IP NGN.

What Are Migration Services?

Prepare

In the prepare phase, Cisco migration services will provide a single repository for underlying requirements, and a solid foundation for the overall migration project. Services include a discovery workshop, network and architecture assessment, and site survey which all help to define the existing customer network and the requirements for the proposed network.

Deliverables:

- Customer requirements document (CRD)
- Readiness report (gaps and hardware/software recommendations)
- Bill of materials (BOM)
- Software release notes and plan (for software migration)

Plan

This phase is a step-by-step process to plan the project and design the network using the CRD, as well as information such as system architecture and topology, availability and security requirements, the current network environment, and the site survey.

Deliverables:

- Project Plan
- High-level design (HLD) document (includes test plan)

Design

Cisco will provide design and validation services specific to the migration. Migration design services include the creation of a detailed network design to address business and technical requirements. The network migration plan is also developed and documented. Cisco validates the methods of procedure and uses its test labs as needed.

Deliverables:

- Low-level design (LLD) document (includes architecture to CLI level)
- Test results and recommendations
- Network migration plan document

Implement

Cisco offers services to deploy the new technology. This includes staging, configuration conversion, and cutover. The implementation engineer follows diagrams and instructions in detailed network and project overviews, requirements and task lists, and documented procedures.

Deliverables:

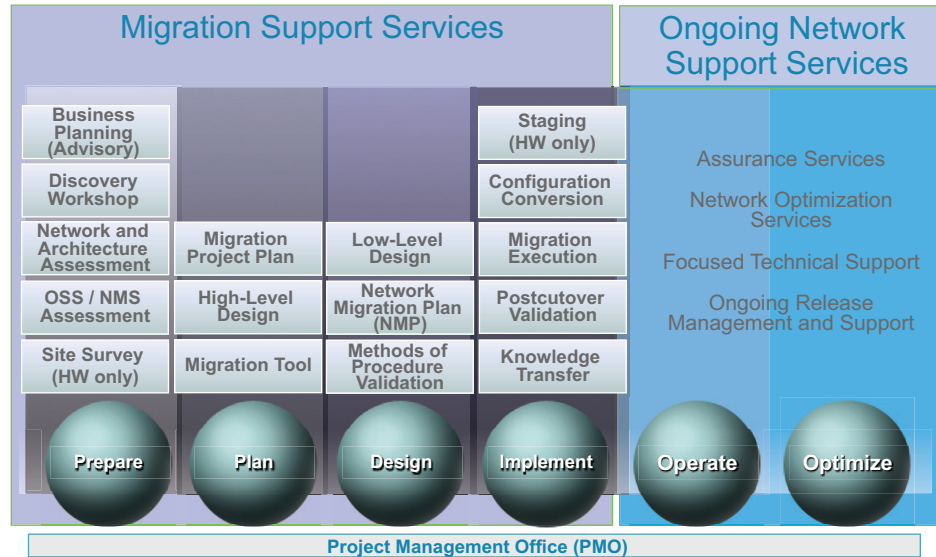
- Network implementation plan (NIP) document

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Migration Services Activities



Why Cisco Services?

People, Process, Tools, and Partners

- Certified experts with extensive experience in delivering IP NGN solutions, and managing large systems and network integration projects globally
- Specialized tools that remarkably reduce the time to completion while also assuring pinpoint accuracy and predictably successful network transitions
- Comprehensive support encompassing the service provider's network lifecycle
- Consistent and proven methodologies to help service providers succeed in their network and service transformation
- A collaborative delivery model that combines Cisco expertise with our partners' and customers' capabilities through service assurance to maximize the value of your investment
- Delivered through an extensive global support infrastructure, including award-winning Technical Assistance Center, Advanced Services resources, Centers of Excellence, IP NGN Experience Centers, and ecosystem partners

Benefits

Using Cisco products and migration expertise, service providers can best lower their total cost of ownership; minimize overall risk to deploy new technologies, products, and services in the network; and increase their likelihood of optimal design for business agility, high availability, security, and subscriber acquisition and retention.

Cisco provides a cost-effective migration methodology that is flexible to respond to each service provider's distinct business strategy and unique requirements. Our phased approach, which is easily adaptable to a customer's go-to-market plan, includes an end-to-end program with a range of services spanning preparation, planning, design, and implementation.

