Professional Services Capabilities

Capabilities Overview

Your business depends on your network. The network can provide access to and communications between your critical applications—or maybe it is the business, as in the case of network operators and service providers. Being able to plan, build, and operate networks presents a challenge to many organizations, due to budget and resource constraints or simply a lack of experience and in-depth expertise to perform critical changes. These organizations frequently come to Juniper and its partners, seeking additional capabilities to help realize the full potential of their network.

Juniper Networks consultants help you create the network that knows your business.

Capabilities Description

Whether you seek help to define your technology roadmap; optimize the network design; test, validate, and deploy the new network; or plan and manage the migration to your new network, Juniper and selected partners can assist you.

We have our own team of experienced Juniper Networks© consultants plus a number of Professional Services partners. These select partners have each been reviewed and certified as meeting Juniper's stringent requirements for providing consulting services based on Juniper technologies.

Juniper Networks makes these capabilities available within the framework of a network life-cycle approach. At a high level, three phases (as illustrated in Figure 1) comprise our end-to-end view of the life cycle: Plan, Build, and Operate. These phases are applicable to any and all network projects—from campus to WAN, data center to security, and across all types of customer organizations.

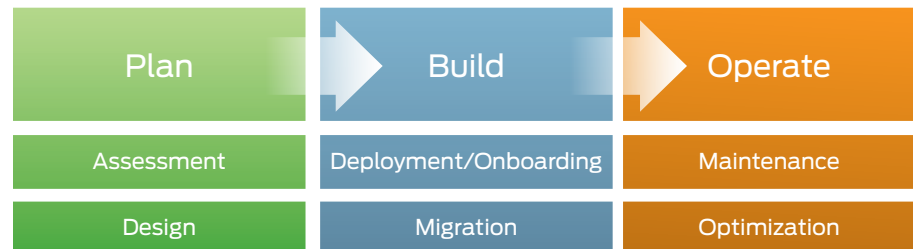| Plan	Build	Operate
Assessment	Deployment/Onboarding	Maintenance
Design	Migration	Optimization

Figure 1. Juniper Networks' life-cycle approach to services

Plan Phase

The goal of the Plan phase is to enable you to design your ideal network. The right network can help your business compete and win. Juniper Networks and certified partners can help you architect your network of the future—intelligent, agile, and built for the cloud.

Examples of capabilities that Juniper can make available to you during the Plan phase include:

- Ability to assess your current environment and develop a roadmap for creating a network that satisfies your business and technology requirements
- Development of the high-level architectural design as well as low-level detailed design of network devices, configurations, and interconnections
- Project planning, including detailing of responsibilities, timelines, and dependencies

Your ideas. Connected.™

Build Phase

The Build phase focuses on network testing, deployment, and migration with the goal of enabling you to deploy a fast, secure network quickly.

Leveraging the capabilities of Juniper Networks accelerates the building and deployment process as well as reduces the time to get business value from your new network design. Working with the Juniper team—including partners—helps you migrate easily and minimize deployment risk while maximizing performance.

Juniper Networks has extensive experience helping customers migrate from one platform to another, including integration into a multivendor environment, to ensure a smooth cutover with minimal or no disruption to services, applications, or users. These capabilities are available to assist you with your migration planning and execution and help you master the necessary tools and processes required to effectively manage the migration process.

The capabilities available from Juniper Networks during this phase also include laboratory testing of your new network as well as the installation, configuration, integration, and cutover to the new network.

Juniper Networks' testing capabilities are made available through experienced consultants using proven processes and technologies. Making use of these capabilities allows you to validate that your proposed solution satisfies your requirements by creating and testing an environment based on your proposed implementation.

Throughout your network life cycle, your team members can develop the skills and knowledge they need to extract maximum value from your network via a combination of custom, onsite knowledge transfer from consultants and the extensive formal training classes available from Juniper Networks Education Services.

Operate Phase

Within the Operate phase we consider how you protect your business and get more done. Juniper Networks capabilities enable you to keep your network optimized by helping automate your network and extending your capabilities.

Juniper automation capabilities allow you to:

- Streamline your day-to-day processes to save time and money
- Free up precious time for your team to focus on higher-value activities
- Improve productivity while minimizing risk across your network

Juniper can also help extend your capabilities. Our embedded support professionals act as part of your team, enhancing your skills with specialized expertise while keeping your network up to date and optimizing performance.

Project Management and Risk Mitigation

Supporting the Plan and Build capabilities is Juniper's approach to project management and risk mitigation. Managing a network or security implementation requires solid planning capabilities and application of industry best practices to ensure that projects progress smoothly and with minimum risk. Based on years of experience, the Juniper Project Management Methodology (JPMM) provides a foundation for the management and control of projects as well as a process for identifying and mitigating risks. Juniper Networks' project management consultants are accredited and have formal project management qualifications.

JPMM uses standard processes that are scalable yet tailored for each engagement. It leverages knowledge gained globally from hundreds of project experiences. This approach delivers:

- A controlled and organized start, middle, and end to the project
- Regular reviews of progress against the plan
- Flexible decision points
- More accurate budgets and forecasts
- Confidence that deliverables are completed on time and to specification
- The involvement of management and stakeholders at the right time and place throughout the project

Ordering Information

Juniper Networks services capabilities are available worldwide as part of a broad range of engagements. In addition to customized engagements, examples of predefined engagements and their descriptions can be found at www.juniper.net/us/en/products-services/services/technical-services/.

Please contact your Juniper Networks Account Manager for additional information and to find out how Juniper Networks can help you address your business and technology challenges.

About Juniper Networks

Juniper Networks is in the business of network innovation. From devices to data centers, from consumers to cloud providers, Juniper Networks delivers the software, silicon and systems that transform the experience and economics of networking. The company serves customers and partners worldwide. Additional information can be found at www.juniper.net.

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1000518-001-EN Oct 2014