Professional Services Migration Methodology

Methodology Overview

Your business depends on your network. This network provides access to and communications between your critical applications—or maybe it is the business, as in the case of network operators and service providers.

But what happens when you want to migrate to a new network or you want to implement significant enhancements? How do you prepare for the changes? What tools do you need? Have you the experience of analyzing the migration requirements, plus planning and executing the migration? What are the risks and how will you mitigate against them?

Juniper consultants have developed a structured migration methodology and can help you successfully analyze, plan, and execute your network migration.

Migration Within Customer Network Life Cycle

Juniper Networks Migration Methodology fits within the Build phase of the overall customer network life cycle comprising a Plan-Build-Operate framework:
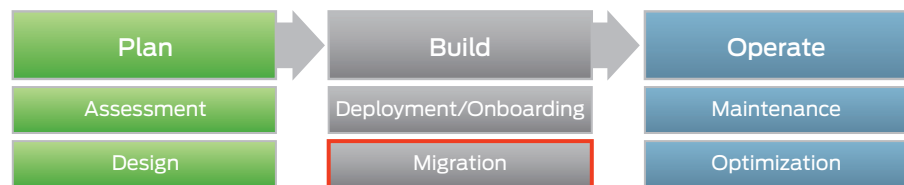

Figure 1. Juniper Networks' life cycle approach to services

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.

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.

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.

Migration Methodology Outline

The migration methodology follows a 3-phase approach (Evaluation, Planning, and Execution) and is tightly integrated with the Juniper Project Management Methodology, which addresses both the project management and risk mitigation aspects of your migration project.
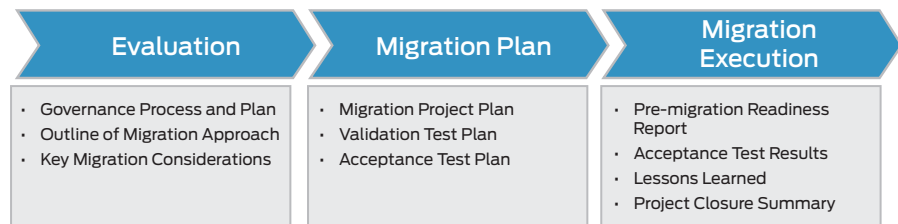

Figure 2. Juniper Networks' Project Management Methodology

Features and Benefits

Table 1. Migration Methodology Features and Benefits

Feature	Feature Description	Benefit
Integrated with other Juniper methodologies	The Migration Methodology is one of the standard Juniper Professional Services methodologies. It has been developed to align with and complement the other methodologies, including Assessment, Design, Deployment, as well as Project Management and Risk Mitigation.	• Allows you to leverage Juniper's broad and deep experience in delivering a wide range of engagements that span multiple parts of the assess-design-deploy-migrate spectrum. • You avoid the risks associated with working with inexperienced and ill-prepared consultants.
Phased execution	The methodology provides checkpoints and clear deliverables at each stage of delivery.	• You are engaged and are able to see and track progress throughout the engagement. • You have the opportunity to review output from each stage and to modify subsequent activities in light of results to date.
Defined set of activities	Based on a wide range of migrations conducted for customers around the world, Juniper Professional Services consultants have created a predefined set of activities, tools, and processes to plan and execute the migration.	• You know what is expected of your team during an engagement, including the activities and anticipated resource requirements. • You can better plan and prepare for your staff's involvement in the engagement. • You can better plan for, and understand, the set of activities that Juniper will conduct as part of delivering the project—this ensures that there are no surprises. • Your migration will be planned and executed based on a tried and tested approach.
Project management and risk mitigation integrated	Juniper's Project Management Methodology leverages standard processes that are scalable yet tailored for each engagement.	You have: • Enhanced control and project organization • Regular reviews of progress against the plan • More accurate budgets and forecasts • Confidence that deliverables are completed on time and to specification

While the methodology identifies the standard phases and types of activity within each phase, the specific activities to be included in an engagement will be defined on a customer-by-customer basis. Similarly, the specific migration tools and resource requirements will be identified for each customer situation.

In addition, we recognize that migration engagements frequently involve the use of not only the Migration Methodology but also Juniper's methodologies for Assessment, Design, and Deployment. The mix of methodologies varies for each engagement and for each customer.

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 http://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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