MIGRATION SERVICES DATASHEET

Service description

Migrations typically involve deployment and operational complexities from technology validation, large-scale conversion, and handling of live customer traffic. Customers using Migration Services can transition confidently to new networking technologies with the skilled help of Juniper Professional Services, who employ best practices and automation tools to execute our three-phased approach.

Juniper Networks Migration Services help customers ease the transition of migrating from legacy networking products from Juniper and other vendors to next-generation Juniper solutions. Migration Services range from introductory offerings for key solutions and software products to full deployment and custom services that address broader use cases, requirements, and end-to-end solutions.

Service overview

In the dynamic landscape of IT infrastructure, network migrations become a necessity for organizations aiming to adapt to evolving demands, whether it's accommodating new IT applications, enhancing performance, or ensuring reliability. Businesses may also require network consolidation to reduce complexity as they streamline their IT requirements. These transitions demand the swift and seamless relocation of critical applications and data while minimizing disruptions and risks.

Juniper Networks® Migration Services offer a structured three-phase approach (evaluation, planning, and execution) tailored to meet your unique needs. Leveraging industry best practices and cutting-edge automation tools, we facilitate a smooth transition, significantly reducing time, cost, and potential risks associated with the migration process.

Specifications

Activities/Tasks	Description	Features and benefits
Discovery workshop and planning	Juniper Networks will conduct an in-depth discovery workshop aimed at thoroughly examining the technical details of your platform and the migration of existing services. The primary goal of this workshop is to produce a detailed report, encompassing: • A comprehensive technical comparison between your legacy platforms and the new Juniper platforms • Outline of current services and identification of those earmarked for migration within the project scope • Invaluable insights to inform the migration strategy	• Alignment on design details, project scope, and expectations • Insights to help accelerate solution adoption • Detailed software feature analysis report comparing customer's legacy platforms to the new Juniper solution • High Level Design (HLD) document, comprised of solution architecture, system and connectivity requirements, platform installation process, and features configuration
Implementation and testing	Juniper consultants craft a comprehensive plan encompassing the step-by-step migration of services and network elements, including: • Assessment of potential risks and impacts • Overview of the availability and customization of migration tools • Scheduled migration activities and their operational impact, such as maintenance windows, handover procedures, and necessary training sessions • Robust rollback procedure Juniper creates a Design Validation Test Plan and proactively executes it within a controlled lab environment. Validating converted configurations and ensuring interoperability with devices from other vendors helps to preemptively resolve issues prior to migration of the live environment	• Low-Level Design document (LLD) to outline the detailed design, configuration templates to apply to Juniper products in the target network and the state of the network post-migration • Design Validation Test (DVT) plan executed to meet defined pass/fail criteria, ensuring a smooth transition and minimizing disruptions
Migration and knowledge transfer	Juniper engineers offer dedicated technical assistance during migration windows to help implement the agreed migration plan Dedicated session to share knowledge of the newly migrated network solution and how Juniper products are used, along with best practices, prepares customer teams to operate the solution effectively after migration	• Network Migration Plan (NMP) provides a simplified and error-free approach for migrating from legacy platforms to new Juniper solutions • Detailed information about Juniper products and how they are being used in the network • Accelerated infrastructure availability with minimal disruption • Improved operational efficiencies and employee readiness

Emphasis on automation

Automation tools are indispensable at every stage of migration, simplifying intricate tasks, enhancing efficiency, ensuring standardization, and mitigating human error. They not only help streamline project timelines but also slash operational costs. Juniper is at the forefront of providing essential automation capabilities tailored to various phases of migration.

By automating the conversion of configurations from legacy devices to modern Juniper solutions based on standardized templates, we significantly reduce the hours typically associated with manual configuration mapping. Automated pre- and post-migration checks allow customers to redirect their focus toward service assurance rather than using CLI commands to laboriously execute checks. Moreover, the confidence instilled by automated processes facilitates accomplishing more migration activities within a shorter time span. Juniper focuses on equipping customers with the requisite automation tools and capabilities, strategically applied to address unique migration challenges, to achieve optimal outcomes in the most efficient manner possible.

Additional Juniper Professional Services options

Juniper Professional Services have helped many customers migrate from legacy products and technologies to the most advanced and feature-rich Juniper network solutions. Juniper expertise includes:

- Migration from legacy core, edge, and metro network platforms to modern platforms and architectures, such as Juniper Networks Migration Service
- Migration from production data centers to next-generation data centers, such as Data Center Deployment Services (Migration Ready)
- Migration from Juniper or other vendors' firewalls to Juniper next-generation security products: SRX Firewall Migration Service

In addition, migration engagements frequently involve the use of the Migration Methodology and Juniper's methodologies for assessment, design, and deployment. The mix of methodologies varies for each engagement and customer.

Ordering information

To order the Juniper Networks Migration Services, or for additional information, contact your Juniper account manager. For additional details, such as scope, deliverables, eligibility, and exclusions, please refer to corresponding Service Descriptions: https://support.juniper.net/support/guidelines/

Exclusion

The scope of this service is for migration only and does not include separately sold assessment, design, or deployment services. If you require additional services from your Juniper Professional Services consultant, please contact your Juniper Account Manager.

About Juniper Global Services

Juniper Global Services offers an evolving lifecycle suite of services that aligns AI with people, process, and technology to accelerate time-to-value and de-risk network investments. Through insights, automation, and a range of services, Juniper provides assured assistance and advantage across the entire services portfolio.

About Juniper Networks

Juniper Networks believes that connectivity is not the same as experiencing a great connection. Juniper's AI-Native Networking Platform is built from the ground up to leverage AI to deliver exceptional, highly secure, and sustainable user experiences from the edge to the data center and cloud. Additional information can be found at juniper.net or connect with Juniper on X (formerly Twitter), LinkedIn, and Facebook.

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