

# JUNIPER DATA CENTER DEPLOYMENT SERVICES DATASHEET

## Service Overview

*Designing, deploying, operating, and troubleshooting a [data center network](#) can be difficult, expensive, and resource intensive. [Juniper Apstra software](#), a turnkey, intent-based solution uses automation to dramatically simplify the process in both single and multivendor environments.*

*[Juniper Data Center Deployment Services](#) provide access to data center deployment experts with extensive knowledge of Juniper products and technologies. The services employ proven best-practice implementation methodology with tools that provide a high degree of assurance, faster completion speed, and reduced deployment risks.*

## Service Description

Juniper® Data Center Deployment Services are designed to support enterprises, cloud providers, and [service providers](#). They are available in four options:

- **Juniper Data Center Deployment Service** for new, greenfield data center deployments
- **Juniper Data Center Optimized Deployment Service** for new, greenfield data center deployments, includes expert assistance with post-deployment advanced operations
- **Juniper Data Center Deployment Service (Migration Ready)** for new, greenfield data center deployments with a legacy brownfield data center that require a side-by-side migration of existing workloads, includes expert assistance with the migration plan and initial migration tasks
- **Juniper Data Center Optimized Deployment Service (Migration Ready)** for new, greenfield data center deployments with a legacy brownfield data center that require a side-by-side migration of existing workloads, includes expert assistance with the migration plan, initial migration tasks, and post-deployment advanced operations

All options are delivered remotely, providing assistance with design, deployment, and accelerated rollout activities. Services offer an easy-to-use, fully automated, deployment package that is quick to install using a highly validated, data center reference design for a new network architecture. As part of these services, Juniper will advise on optimal phasing and grouping of the activities.

Juniper Data Center Deployment Services activities begin with a review of data collected from the customer via a data intake checklist. The customer information from the intake checklist is used as a single source of truth to perform an automated Juniper Apstra® platform installation, deployment, and provisioning of the entire Ethernet VPN fabric. The deployment package then tests connectivity down to IP port level on a few select interfaces, followed by autogenerated documentation that includes test results and key UI screenshots for customer handoff.

The **Migration Ready** options provide expert assistance in the creation of a migration plan and provide maintenance window support for performing the initial migration.

The **Optimized Deployment Service** option provides an intensive month of highly focused post-deployment interactive knowledge transfer sessions tailored to customer's environment. Technical areas covered include UI layout, advanced troubleshooting, and Intent-Based Analytics and Time Voyager capabilities applied to the customer's operating environment.

Activities/Tasks	Description	Features and Benefits
<b>Solution Workshop</b>	<ul style="list-style-type: none"> <li>Collaborative workshop to discuss intake customer requirements</li> <li>Juniper reviews all aspects of the technical project and Juniper Apstra features to build relevant information for deployment</li> </ul>	<ul style="list-style-type: none"> <li>Aligns design details, project scope, and expectations</li> <li>Adapts best-practice design to customer environment</li> </ul>
<b>Platform and Network Deployment</b>	<ul style="list-style-type: none"> <li>Installation of the Juniper Apstra platform, then blueprint, validate, and deploy the new network infrastructure</li> <li>Validation of network traffic flow and installation of Layer 2 DCI to bridge the customer's legacy network to the new network</li> </ul>	<ul style="list-style-type: none"> <li>Utilizes blueprinting and pre-staging capabilities to create a pristine design prior to the implementation</li> <li>Uses automated tools to accelerate and optimize deployment times and risks</li> </ul>
<b>Migration Ready</b>	<ul style="list-style-type: none"> <li>Implementation planning of two (2) bare metal servers with workloads into the newly deployed network</li> <li>Assistance during a single maintenance window for the migration cutover</li> </ul>	<ul style="list-style-type: none"> <li>Provides a production-validated migration and a roadmap of how to complete all workload migrations</li> </ul>
<b>Knowledge Transfer Workshop</b>	Workshop to review all Juniper hardware and software implemented, including Day-2 basic operations of Juniper Apstra	<ul style="list-style-type: none"> <li>Accelerates infrastructure availability and employee readiness for improved operational efficiencies</li> </ul>
<b>Post-Deployment Optimization</b>	<ul style="list-style-type: none"> <li>Kickoff meeting with key stakeholders to review and align expectations during a total of eight focused workshops, two times a week, for a four-week period</li> <li>A dedicated Juniper Technical Advisor to answer technical questions</li> <li>Operational review at the end of the engagement to update customer on activities, answer questions, and close out the engagement</li> </ul>	<ul style="list-style-type: none"> <li>Leverages the skills and experience Juniper consultants have acquired working with hundreds of successful enterprise IT deployments</li> </ul>

## Additional Juniper Professional Services Options

As leaders in data center networking, [Juniper Professional Services](#) consultants and engineers are uniquely qualified to assist you in designing, implementing, and optimizing network solutions. The following services are available to help you migrate your next generation data centers using Apstra.

The [Juniper Apstra Upgrade Assistance Service](#) provides expert Apstra platform upgrade planning and execution assistance for a production upgrade.

## Ordering Information

To order Juniper Data Center Deployment 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 Description <https://support.juniper.net/support/guidelines/>

## Exclusion

The scope of this service is for Juniper Data Center Deployment Services only and does not include separately sold assessment, design, full migration, 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 life-cycle 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 brings simplicity to [networking](#) with [products](#), [solutions](#), and [services](#) that connect the world. Through engineering innovation, we remove the constraints and complexities of networking in the cloud era to solve the toughest challenges our customers and partners face daily. At Juniper Networks, we believe that the network is a resource for sharing knowledge and human advancement that changes the world. We are committed to imagining groundbreaking ways to deliver automated, scalable, and secure networks to move at the speed of business.

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