Service Overview

As network operators consider the move to SDN and Network Functions Virtualization (NFV), they are often unsure about where to start and how to plan and execute the journey. Change can also cause some apprehension as they start to wonder if the hardware infrastructure they invest in today will support the changing requirements of virtualized networks in the future.

The SDN/NFV Assessment service enables network operators to confidently move forward with an understanding of the gaps to be addressed, as well as a recommended path for the architecture and plan for migrating to SDN.

Service Description

Businesses have invested heavily in their networks, which have become an increasingly critical component in the move toward operational efficiency and business agility. Yet more is demanded of today’s networks, and a move to SDN/NFV prepares you to add additional flexibility without compromising on performance. However, many people are unsure of how to prioritize areas of improvement enabled by SDN and NFV and how to design and implement an SDN/NFV architecture.

Juniper Networks SDN/NFV Assessment service is recommended for network operators who are seeking expert advice and guidance when considering their path to implementing SDN/NFV.

This service provides an opportunity for you to be better prepared for your SDN/NFV journey based on:

- An assessment of your network’s and computing infrastructure’s suitability for SDN/NFV, including an analysis of your current business processes and the organizations and resources that support them
- A high-level SDN/NFV target architecture covering network, operations support systems (OSS), and data center components
- A comparison of your current infrastructure to the target, identifying major gaps and prioritizing them for resolution
- Recommended actions to expedite SDN/NFV deployment by focusing on highest priority infrastructure gaps

Features and Benefits

Juniper consultants work with you to understand your business goals and current approach to networking and security. This review provides the context for subsequent interviews with appropriate stakeholders, including representatives from business users and technology teams. The interviews ensure that a comprehensive set of requirements is identified and included in subsequent analysis.

The analysis and associated recommendations address the potential to satisfy current as well as future needs, plus the requirement to address “pain points” identified during the interviews. By the end of the engagement, you will be better prepared to move forward with your SDN/NFV planning and deployment.

You will also receive a written report summarizing the assessment findings. The report will include recommendations for migrating to SDN/NFV, including a recommended technology roadmap and suggestions for the prioritization and sequencing of steps.
you should take to move forward. The report will highlight best practices and migration considerations for you to incorporate as you progress.

Juniper Networks Professional Services
As leaders in networks and security, Juniper’s Professional Services Consultants and engineers are uniquely qualified to assist you in designing, implementing, and optimizing network solutions for reliable operation and rapid returns on network infrastructure investments. Our team appreciates the complexities and the subtleties inherent in large-scale network design and can assist by providing customized and integrated “turn-key” solutions.

Juniper’s consulting services can help:
- Optimize your infrastructure and operations
- Provide immediate value to your network
- Extend the network performance of the product
- Control your costs

Additional Services to Optimize Your Data Center
Juniper Networks provides a broad range of consulting services to help you enhance your network architecture and optimize your production environment. Services to consider in the early stages of your network review are:

- **High-Level Design**: Implementing a new network or security project starts with an evaluation of the requirements and a detailed rendering of the architecture to be used. The High-Level Design service defines the topology, protocols, and equipment required, mapping the design to your needs.
- **Low-Level Design**: Once the high-level design of a network is determined, the specifics need to be identified. The Low-Level Design service identifies the optimal configuration and equipment necessary to make your network a reality.

- **Testing Service**: Prior to implementation of a new network, Juniper Networks Testing Service gives you the opportunity to combine your knowledge of your network’s specific performance requirements with Juniper’s sound foundation of network design methodology and products to create a customized test environment that simulates your unique end-to-end deployment scenario. This lets you avoid the cost of creating and operating your own test labs, reduces your project risk, ensures a seamless implementation of new technology into your production environment, and accelerates your time to deployment.

- **Implementation Consulting**: Subsequent to lab testing, the Implementation Consulting service offers remote or onsite engineering assistance to support execution of a predefined implementation plan. The service is typically used to help you in implementation, migration, testing, and troubleshooting activities.

Juniper Networks Service and Support
Juniper Networks is the leader in performance-enabling services that are designed to accelerate, extend, and optimize your high-performance network. Our services allow you to maximize operational efficiency while reducing costs and minimizing risk, achieving a faster time to value for your network. Juniper Networks ensures operational excellence by optimizing the network to maintain required levels of performance, reliability, and availability. For more details, please visit [www.juniper.net/us/en/products-services](http://www.juniper.net/us/en/products-services).

Ordering Information
The Juniper Networks SDN/NFV Assessment service can be ordered using the part number shown in the table below. You can also contact your account manager for additional information. Before the service begins, a statement of work (SOW) will be established outlining the scope of effort to be performed.

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<tr>
<th>Model Number</th>
<th>Name</th>
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<tr>
<td>PRO-SDN-ASSESS</td>
<td>SDN/NFV Assessment</td>
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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](http://www.juniper.net).