Service Overview

The proliferation of mobile devices has left organizations in the challenging position of providing a secure and seamless way for users to access the myriad of internal as well as external applications. IT departments have also been tasked with providing a consistent user experience between wired and wireless networks, and enforcing strict controls based on user and device types from PCs, tablets, and smartphones.

The definition and implementation of a clear campus-wide wired and wireless strategy has become a necessity for growing organizations to boost employee and guest productivity, and to improve their performance by providing a network that is robust and scalable.

Juniper’s campus architecture provides a secure, scalable, and integrated approach to providing access to applications with a complete mobile device management solution for all types of users, including employees and guests.

Service Description

This assessment enables you to understand the key components of a wired and wireless network strategy, and to develop a technology and implementation approach for a campus-wide network and security solution. The Campus Assessment Service is designed for organizations with at least 500 employees and is particularly relevant when you are planning or thinking about enhancing your technology to address:

- Coverage and capacity planning with WLAN—deciding what wireless access points are required and where they should be located
- Employee and guest onboarding—making it easy, yet secure, for employees and guests to have wireless access
- Endpoint and application security—managing host controls and providing application-based network access
- Network segmentation—integrating your network strategy with your firewall strategy

Features and Benefits

The Campus Assessment Service lasts approximately one week and includes the following phases:

1. Requirements review
2. Strategy and implementation plan development
3. Delivery of findings and recommendations

Phase 1: Requirements Review

During this phase, Juniper Networks Professional Services experts collect information from your organization to understand the requirements and goals of your campus strategy. The activities include:

- Review of documented network and security requirements
- Technical interviews with key stakeholders
- Onsite survey to determine wireless signal strength and wireless access point requirements

This phase ensures that physical constraints, such as the ability to accommodate a potential number of users in a location and available signal strength, are taken into consideration, as well as abstract requirements, such as the ability to provide different access capabilities to different types of users (e.g., employees should have different access capabilities from nonemployees).
Phase 2: Strategy and Implementation Plan Development

In this phase, the Professional Services consultant interprets your requirements plus the data from the onsite survey to create a set of strategic as well as tactical recommendations.

Juniper consultants are able to draw upon their own deep knowledge and also leverage the experiences of others on the Juniper Professional Services team.

Phase 3: Delivery of Findings and Recommendations

During this phase, the Professional Services consultant will propose a strategy and plan for you to move forward. The areas to be covered include:

- Architecture review that focuses on segmentation guidelines for employee and guest access
- Employee and guest access onboarding recommendation
- Authorization and host-based security requirements review
- LAN access switching and firewall capacity review
- Application security and intrusion detection and prevention (IDP)
- Wireless access point location
- High-level implementation plan

Service Deliverables

As a result of this service, you will receive a written report that documents the recommendations for your campus wired and wireless strategy and implementation plan, plus a written report on wireless access points. The Campus Assessment Service ensures that you have an understanding of the key components to be considered in your onboarding strategy and the knowledge to develop a technology and implementation approach for a campus solution.

Service Benefits

This service ensures you have an understanding of the key components to be considered in your campus strategy and the knowledge to develop a technology and implementation approach for a campus network solution.

Exclusions

This service includes a local area network access switching and firewall capacity review for up to 10 devices.

Juniper Consulting

As leaders in networks and security, Juniper’s consultants and engineers are uniquely qualified to assist you in designing, implementing, and optimizing your wireless solutions.

Juniper Networks Professional Services helps accelerate your network’s time to value, bringing revenue generating capabilities online faster for bigger productivity gains, faster rollouts of new business models and ventures, greater market reach, and higher levels of customer satisfaction. Your onsite staff will work closely with Juniper specialists, building operational capabilities and reducing your exposure to IT risks. As a result of our previous experience involving hundreds of customers around the world, Juniper Networks Professional Services is uniquely qualified to help you design, implement, and optimize your network for confident operation and rapid returns on infrastructure investments. These professionals understand today’s network and security demands and those that are just around the corner—for bandwidth efficiency, best-in-class security, solid reliability, and cost-effective scaling.

The use of Juniper’s consultants avoids the requirement for you to have the necessary technical and security audit and evaluation skills in-house. And the evaluation can be completed faster, as you are not forced to wait until internal resources become available, nor do you have to address the issue of conflicting project priorities.

Additional Services to Optimize Your Network

Juniper Networks provides additional consulting services to consider along with the Campus Assessment Service. A broad range of consulting and packaged services is available to help you enhance your network design and optimize your production environment. Services to consider in the early stages of your network review include:

- **Strategic Network Consulting:** In the planning stage of your project, this service will assist you in determining a strategy for your network architecture and a plan to translate that strategy into an optimal solution. It is aimed at understanding your business requirements, determining the impact of the changes on your existing network infrastructure, and providing architectural guidance and recommendations to ensure that your network will be enhanced in a controlled manner.

- **QuickStart Services:** QuickStart services enable the rapid installation and configuration of platforms, including Juniper Networks® MAG Series Junos® Pulse Gateways, SRX Series Services Gateways, EX Series Ethernet Switches, and Junos Space Network Management Platform with Junos Space Security Director.

- **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 needed to make your network a reality.

- **Testing Service:** Prior to implementation of a new network, Juniper Networks Testing Service provides you with 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 allows you to 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.

Juniper Networks Services 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.

Ordering Information

In the Americas, please contact your Juniper account manager, services business manager, or visit proservsales@juniper.net.

The Juniper Networks Campus Assessment Service can be ordered using the part number shown in the table below. Before the service begins, a statement of work (SOW) will be established outlining the scope of effort to be performed.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRO-ASSESS</td>
<td>Campus Assessment Service</td>
</tr>
</tbody>
</table>

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.