SPIRENT OnDEMAND

PROFESSIONAL SERVICES - ON SITE TESTING SOLUTIONS

VPN SCALABILITY AND PERFORMANCE

Seasonal Risks Can Paralyze a Company Telecommuting grows as an advantageous method to increase employee productivity and decrease company operating costs. As it does, the dependence on the IT infrastructure which facilitates that work model also increases. Companies who fail to recognize their vulnerabilities and system limitations during periods of severe flu virus threats, inclement weather and general instability, learn too late, and suffer serious consequences. Reliable operational capability is a requirement. Un-assessed VPN capacities and unanticipated telecommuter usage spikes amplify outage risks. The result can be data loss, security breaches and loss of employee productivity.

AVOID SYSTEM FAILURES

Testing your VPN for maximum connections and bandwidth available ensures your capacity is in synch with your needs and requirements. Assure the seamless operation and optimal productivity of your remote employees with On Site Testing from Spirent Professional Services.

BENEFITS & VALUE

- Prepare for extreme seasonal challenges to your network
- Discover and correct network deficiencies before they are a problem
- Ensure 24/7 global access of your VPN infrastructure
- Assure service levels and facilitate future planning
- Attain confidence in your initiative
- Maintain optimal employee productivity

Spirent's OnDEMAND VPN Scalability and Performance Test Package includes:

- **Assessment:** VPN IPSec Performance and Compatibility
- **Standard On Site Engagement Length:** 2 days

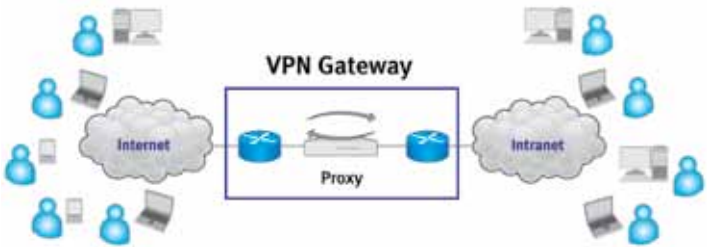
SOLUTION COMPONENTS – TESTS

- **Maximum VPN Connections:** The maximum concurrent connections shows whether the DUT/SUT has a bottleneck and provides a benchmark for the capacity of your system
- **Maximum Bandwidth (HTTP Transfer Rate):** The maximum bandwidth for the DUT/SUT provides data on the bandwidth the DUT/SUT should handle and shows whether it contains a bottleneck

IN THE NEWS: Teleworking Enables Social Distancing

Current headlines read of businesses and government agencies being unprepared for a flu pandemic. The CDC (Centers for Disease Control and Prevention) estimates that up to **40 percent of employees may be absent from work** during a severe pandemic. Business managers are searching for quick effective solutions to this potential business crisis.

Social distancing is a term for the concept of policies that facilitate keeping people apart to limit the person-to-person spread of viruses. In pandemic situations, teleworking (aka telecommuting) is the most effective tool for protecting public health. By having reliable VPN networks in place, this solution allows for business continuity in crisis situations. Employees can conduct business effectively, yet practice social distancing tactics.



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OnDEMAND On Site Packaged Performance On Site Test Services

Spirent OnDEMAND Performance Testing is a suite of test services designed to detect and mitigate problems before you launch new infrastructure and applications. Through the use of proven, advanced techniques, a structured testing approach, and full benefit of Spirent's broad array of test equipment, we eliminate risks of poor performance for new or enhanced data centers, converged networks, multi-play solutions and applications.

OnDEMAND Performance Test Services include:

- Vendor selection: load and stress testing
- Scalability and volume testing
- Endurance and soak testing
- Security and Denial of Service
- Product performance evaluation
- Performance tuning

SPIRENT OnDEMAND ON SITE TESTING

PROFESSIONAL SERVICES SOLUTIONS

Risk Mitigation:

- VoIP Assessment
- E-Commerce Web Performance
- Data Center Networking (DCN)
- WAN Optimization
- Security Assessment
- IPTV Performance
- CCTV over IP
- DMZ Architecture
- 3G/4G Wireless Performance

Maximizing Productivity:

- NoCode Lab and Test Automation Solutions
- Regression Testing:
  - Automated DSL
  - Cable
  - PON
  - IPTV
  - MPLS VPN
- UMA Test Automation

OUR CUSTOMERS

Spirent has been a pioneer since the advent of network testing and has provided services to customers across a broad range of global industries. These varied business sectors include telecommunications and wireless service providers, network equipment manufacturers, petroleum, education, the media, financial institutions and stock exchanges, technology enterprises and publishing giants. Spirent also services the US government which includes military and space agency projects.

SPIRENT EXPERTISE

Spirent provides services expertise for all major communications vendors. Our test methodology and automation experts include IETF engineers and RFC authors who have developed many of the industry's acclaimed benchmarks. They help define standards and performance tests for dozens of industry forums and standards bodies.

SERVICE DELIVERY PROCESS

Spirent provides services expertise for all major communications vendors. Our test methodology and automation experts include IETF engineers and RFC authors who have developed many of the industry's acclaimed benchmarks. They help define standards and performance tests for dozens of industry forums and standards bodies.

- **Discover:** Gather requirements; perform Gap Analysis
- **Define:** Create Statement of Work; present roadmap and resources, illustrate ROI
- **Develop:** Develop test cases; write scripts; develop code
- **Deliver:** Deploy test engineers; manage project; measure and report
- **Debrief:** Refine service optimization; assure customer needs, expectations are met

CONTACT US

Don't wait until your project has already begun, or worse, when you are behind schedule. Contact Spirent now and enlist our Professional Services team to streamline your project. Let our experts help you improve operational productivity and accelerate your time-to-market. Call your Spirent sales representative or visit us on the Web at www.spirent.com/GS.

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