FOUNDRY DEMONSTRATES SERVICE PROVIDER MARKET LEADERSHIP AT MPLS 2008

Innovative Solutions Built on a Foundation of Performance, Resiliency and Scalability Attributes to Meet the Demands of New and Next-Generation Networks

SANTA CLARA, Calif. and WASHINGTON – (Oct. 20, 2008) – Foundry Networks®, Inc. (NASDAQ: FDRY), a performance and total solutions leader for end-to-end switching and routing, today announced it will highlight its service provider market leadership by demonstrating its Virtual Private LAN Services-Provider Backbone Bridging (VPLS-PBB) architecture at MPLS 2008 in Washington, D.C through Oct. 22. Foundry® will be exhibiting its next-generation MPLS and service provider solutions at booth #303 at the Omni Shoreham Hotel as well as participating in a key technical session and a multi-vendor interoperability demonstration organized by Isocore. Foundry's integral presence reinforces its service provider focus and vision to create a high-performance, flexible and efficient network architecture for providers to deliver core, aggregation and edge services with compelling financial economics, energy and rack space efficiency.

Session: E-LAN Service Delivery Using VPLS and 802.1ah
Panelist: Sanjay Khanna, senior service provider product manager
Time and Date: 2:00 p.m. to 3:30 p.m. EDT, Tuesday, Oct. 21 2008

Demand for Ethernet-based LAN (E-LAN) services is continuing to rise with customers asking for E-LAN service at regional and national levels. This service can potentially span across multiple Ethernet metro and MPLS backbone networks. For an end-to-end service delivery across these networks, numerous issues have to be tackled including MAC address scaling, Quality of Service (QoS) assurance, service management with OAM, etc. The current design approaches using 802.1ad and H-VPLS have some scalability issues and cannot scale to large number of customers. In this presentation, Khanna will look at new approaches to create scalable network topologies using VPLS and PBB as well as discuss ways to provide end-to-end QoS and using 802.1ag as the OAM mechanism for these networks.

Foundry's products are also featured in the multi-vendor interoperability demo organized by Isocore. As part of this demo, the NetIron® XMR MPLS router and NetIron CES 2000 PBB edge switch will be used to demonstrate VPLS-PBB interworking as well as delivery of Carrier Ethernet services with VPLS and Provider Bridging (PB). The integration of these technologies in a common network allows providers to scale Carrier Ethernet services to an unprecedented scale by reducing the number of provider edge (PE) routers that need to establish a full mesh for VPLS, lowers signaling overhead on the PE, isolates the MPLS PE device from learning customer MAC addresses and simplifies management at the edge of the network.

The NetIron family provides unparalleled, wire-speed performance for IP/MPLS routing and switching combined with advanced packet processing and traffic management capabilities. Based on robust, high-availability system architectures, the multi-service NetIron XMR backbone and MLX metro routers are designed to meet the current and future needs of converged networks. The industry-leading energy efficient routers offer a variety of form factors, capacities, and interface options to scale with service provider growth. The NetIron XMR Series offers high performance and scalability for advanced IPv4, IPv6, and MPLS service delivery.

In addition to the NetIron backbone and metro routers, Foundry will also be showcasing the NetIron CES 2000 Series, the networking industry's first one rack unit (1RU) compact edge/aggregation switch with PBB and 10 gigabit Ethernet capabilities. Combining the NetIron XMR and MLX Series routers' VPLS capability with the PBB/PB functions on the NetIron CES 2000 Series, Foundry delivers a unique, highly scalable infrastructure solution for Carrier Ethernet service delivery.

For more information on the Isocore demonstration and MPLS 2008, visit www.isocore.com/mpls2008/program/inter_op.htm.

ABOUT FOUNDRY NETWORKS

Foundry Networks, Inc. (NASDAQ: FDRY) is a leading provider of high-performance enterprise and service provider switching, routing, security and Web traffic management solutions, including Layer 2/3 LAN switches, Layer 3 Backbone switches, Layer 4-7 application switches, wireless LAN and access points, metro and core routers. Foundry's customers include the world's premier ISPs, metro service providers, and enterprises, including e-commerce sites, universities, entertainment, health and wellness, government, financial and manufacturing companies. For more information about the company and its products, call 1.888.TURBOLAN or visit www.foundrynet.com.

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