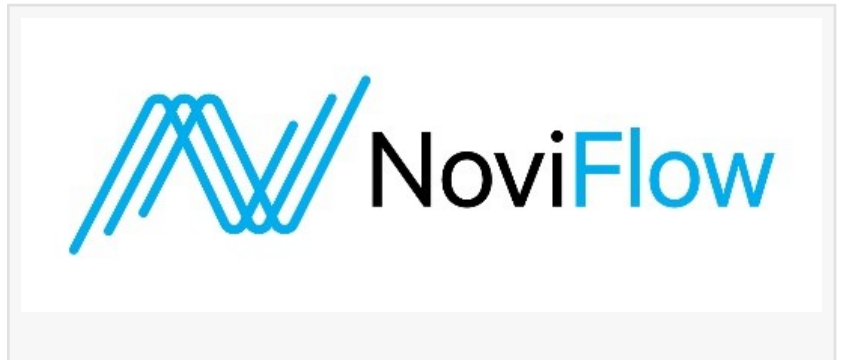


NoviFlow to Deliver Next Generation Segment Routing over IPv6 with SRv6 for CyberMapper™

Solution leverages NoviFlow's CyberMapper™ to dynamically scale virtual network services including firewall, BNG, EPC, DDoS, Private LTE, CCAP, and more...



THE HAGUE, NETHERLANDS, October 14, 2020 /EINPresswire.com/ --

[NoviFlow](#)® Inc., a leading vendor of high-performance SDN security network fabric and programmable network solutions, today announced a Carrier Grade Segment Routing over IPv6 ([SRv6](#)) solution optimized for the network edge, as part of its [CyberMapper](#)™ Domain Specific Controller (DSC) application.



CyberMapper with SRv6 provides a compelling new option for the modernization and optimization of service deployments within a carrier network, with unprecedented price performance and scalability."

Dominique Jodoin, President and CEO

NoviFlow's CyberMapper programmable forwarding plane solution adds SRv6 support to its existing packet brokerage, load balancing, and network telemetry services, effectively reducing the overall cost for the Service Provider Edge by integrating these network functions into an easy to manage and deployable solution.

Deployed with Intel's Barefoot Tofino programmable switch fabric empowered by NoviFlow's NoviWare Network Operating System, the solution leverages the performance and flexibility advantages of P4 as a programming and control language for Software Defined Networking. Used with industry-standard cybersecurity appliances and services, NoviFlow's CyberMapper delivers high throughput and dynamically scalable network services into the

Terabit/s range while reducing total customer network CAPEX and OPEX. By integrating SRv6 capability into CyberMapper, the solution efficiently addresses even the largest deployments and enables cost-effective dynamic scaling to right-size capacity for the most highly variable demands.

Key capabilities and benefits of the CyberMapper solution include:

- o Intel/Barefoot Tofino hardware network services proxy for SRv6 enabled networks:
- o Introduces a new variant of SRv6 binding segment allowing one or more network services to be bound to a service policy and segment ID (SID)
- o Act as the orchestrator for an enforcement point for the above service policy
- o Invokes in order the network services defined in the service policy
- o Load balances one or more pools of physical (PNF) or virtual (VNF) network services

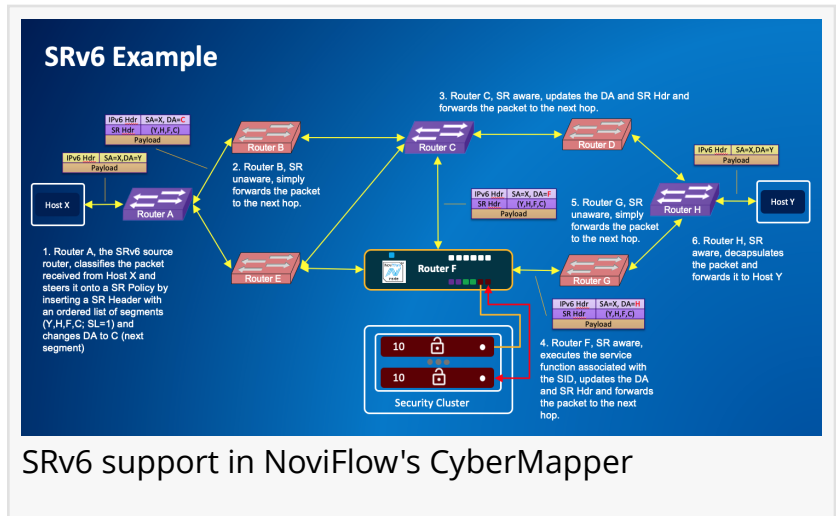
Benefits include:

- o Allows network services to be addressable and reachable from anywhere in the network rather than being hard-wired to a specific physical location in the network
- o Separates the advertisement of the service policies from the network service policies themselves
- o May be used in the mobile backhaul and GiLAN to support service chaining
- o Supports Terabit/s throughput capacity at each SRv6 network services proxy
- o Traffic engineering, service chaining of addressable service resources
- o Modernization and innovation of security services deployments within a carrier network
- o Network simplification and significant OPEX / CAPEX savings

Says Dominique Jodoin, President and CEO of NoviFlow, “NoviFlow is working closely with key partners such as Bell Canada and Cisco to drive the adoption of SRv6-based segment routing around the world. CyberMapper with SRv6 support provides a compelling new option for the modernization and optimization of service deployments within a carrier network, with unprecedented price performance and scalability.”

NoviFlow is a world leader in new generation programmable network fabrics. NoviFlow’s NoviWare NOS and CyberMapper Domain Specific Controller (DSC) optimize deployment costs, elastically scale services, and enable their deployment anywhere in the network, anytime, with full and accurate network visibility. They also reduce network complexity and minimize the cyberattack surface by implementing key network functionalities such as load-balancing, packet filtering, and traffic redirection directly in the network fabric. NoviFlow’s VisualAnalytics also provides an end-to-end view of Lanner’s HTCA-6600 platform, with remote management, simplified provisioning and enabling automation.

NoviFlow’s CyberMapper Security Network Fabric solution will be presented at the NoviFlow



virtual booth as part of the Layer123 SDN & NFV World Congress being held on-line October 12-15, 2020. Find out more about NoviFlow's SRv6 solution at www.noviflow.com/SRv6.

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