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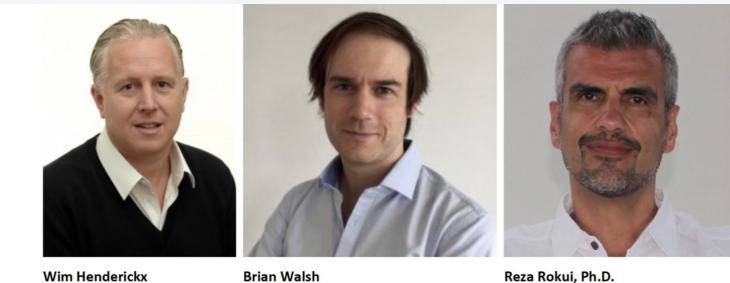
Host Speaker Series: 5G Impact on Networks - Edge Cloud and Slicing

21 Nov 2019

12:30 - 13:15 on November 21st with speakers Wim Henderickx, Brian Walsh, and Reza Rokui

5G requires service providers to fundamentally reconsider how they deliver services across their infrastructure. Virtualized packet core and MEC applications will be delivered from new Edge Cloud infrastructure; 5G network slicing will require E2E SLA's for eMBB, URLLC, MIoT, C-V2X slices optimized around different network characteristics; E2E services must be orchestrated and assured, with SLA's monitored throughout their entire lifecycle; and all this must be done while achieving an improved total cost of ownership. This session will describe how Nokia is addressing these fundamental changes through its Network Function Interconnect (NF-IX) architecture, and some of the relevant IETF work enabling a standards-based introduction of these capabilities.

Slides: 5G Impact on Networks - Edge Cloud and Slicing

Wim Henderickx
Director of Consulting Engineering & PLM EMEA, Nokia

Brian Walsh
Head of IP Product Management & Consulting Engineer, IP / Optical Networks, APAC, Nokia

Reza Rokui, Ph.D.
Director, NSP Product Management, Nokia

Mr. Wim Henderickx is Director Network Consulting Engineering & PLM – Technology in the ION Division at Nokia, based in Belgium. Mr. Henderickx provides senior level consulting on advanced IP solutions for Service provider and Enterprise customers around: Cloud Networking (SDN/NFV), Triple Play, Mobile, IOT, etc. He has over 20 years' experience in the communications and networking industry, and is a regular speaker at technical conferences all over the world. He is active in a number of SDO's like IETF, BBF, openStack, etc.

Mr. Henderickx holds a Bachelor's degree in Industrial Engineer, Data Communications and a Masters degree in Economy and is a Bell Labs Fellow.

Brian Walsh is Head of Product Manager & Consulting Engineer for the APAC Region, responsible for 7x50, SROS, NSP and Deepfield. Brian has been part of the IP Division for the past 14 years and has extensive international experience working with customers in the Telecommunications, Cloud and Industry Verticals sectors spanning Europe, Middle-East, Africa, and Asia Pacific.

Brian holds a Bachelor of Computer Engineering from Sydney University with first-class honours.

Reza Rokui is the director of NSP carrier SDN platform at Nokia. He is solution PLM responsible for 5G and the role of Carrier SDN on 5G E2E network slicing. He possesses over 20 years of experience in telecommunication industry with track record in software engineering, research and development and product management with a diverse background. He was previously senior PLM for Nokia automated policy-based service provisioning with network and service resource awareness. He was also responsible for support of all SR products in areas of Services, Routing, Policy, OAM and Evolved Packet Core on NSP. He is one of the architects of Nokia Control Plane Assurance Manager (CPAM) route analytics, which delivers real-time visualization and troubleshooting for IP/MPLS network. He worked previously at Nortel Network SPAR Aerospace. Reza holds a Ph.D. degree in Control and Robotics from Concordia University in Canada and a master's degree in electrical engineering from Sharif University of Technology.