

Workshop Day Registration

8:30am - 9:00am

Please register for your free workshop pass [here](#)

Intel Welcome

9:00am - 9:05am

Participants

George Ranallo - Strategic Program Manager, Network Platforms Group, Intel Corporation

Setting the Stage

9:05am - 9:15am

This session will highlight Intel platforms, ingredients and investments in industry traction.

Participants

Larry Horner - Senior Solution Architect, Intel

Business Initiatives to accelerate NW transformation

9:15am - 9:35am

Accelerating Network Transformation

The world is at an interesting juncture where we are consuming data at an ever increasing rate. With applications like IoT/ AR/VR/ cloud storage becoming more popular, the need for massive data transfer is imperative. 5G and edge computing will provide a big breakthrough where the requirements are around high network bandwidth, high network capacity and low latency. Industry partners have collaborated to define, prototype, test and deliver 5G solutions. This keynote will outline some of these technologies and business initiatives that will transform the network and bring a multitude of benefits to our daily lives.

Participants

Caroline Chan - VP Data Center Group, GM Network Business Incubator Division, Intel

Network Infrastructure – Trends and Evolution

9:35am - 9:55am

Accelerating Network Transformation

As the customers' usage of Cloud increases and 5G becomes more prominent, the traditional telecom infrastructure must evolve to support the changing business needs of customers in a secure manner. We will discuss the various trends and corresponding characteristics required in the network to deliver the services.

Participants

Anil Simlot - VP of Virtual Services Development & Support, CenturyLink

Panel: New Business Opportunities with 5G and Edge

9:55am - 10:25am

Accelerating Network Transformation

Gartner expects 45% of the data will be stored, analyzed and acted on at the edge by 2022. As the data/analysis move much closer to the end devices/users with edge computing, it creates a distributed network of public/private cloud on and off Premise. This enhances 5G's low latency appeal and open avenues for new revenue streams that have requirements of sub 5ms or even sub 1ms latency like sports wagering, real-time gaming, real-time secure transactions, remote surgery, real-time diagnostics, real-time manufacturing, etc. Due to better ROI and lower TCO, edge computing driven by 5G will create a win-win for enterprises, telecom service providers, cloud service providers, TEMs and other ecosystem partners and accelerate the transformation. Come hear from industry leading experts about the new use cases and business opportunities that 5G and Edge computing will bring to life and how we will work together to bring them to market.

Participants

Moderator: Caroline Chan - VP Data Center Group, GM Network Business Incubator Division, Intel

Panelist: Anil Simlot - VP of Virtual Services Development & Support, CenturyLink

Panelist: Ashok Khanna - Director, Internet of Things, Technology and Life Sciences, Tata Consultancy Services

Panelist: Seshadri Sathyanarayan - Senior Director of Product Management, Affirmed Network

Panelist: Arvinder Anand - VP Architecture & technology, e2e solutions, Ericsson

Morning Break

10:25am - 10:40am

Accelerating Network Transformation

Today's opportunities in LTE/5G RAN deployments

10:40am - 11:00am

5G

Successful industry transition to 5G networks require a range of technologies to deliver the Radio Access Network (RAN). There will be a range of opportunities for new use cases that will push the boundaries of what is possible using today's technology. We will explore the range of technologies that enable these new use cases, including the latest in System on a Chip (SoC), custom and server based solutions.

Participants

Christina Rodriguez - Vice President Data Center Group General Manager Wireless Access Network Division, Intel

Driving 5G Performance with Cloud RAN

11:00am - 11:20am

5G

This session will cover the role of Edge Cloud and Cloud RAN on the deployment of high-performance 5G networks. We will discuss the importance of building an efficient edge infrastructure to enable 5G use cases and the role of Cloud RAN on enabling an efficient deployment of 5G network resources to power mobile broadband and advanced use cases.

Participants

Sandro Tavares - Head of Mobile Networks Marketing, Nokia Networks

Panel: Innovations in the RAN – business models and supply chain

11:20am - 11:50am

5G

Innovations in both LTE and 5G RAN make for new and interesting business models and changes to the current supply chain. New RAN platforms will impact how Comms Service Providers will deliver new and emerging services at the edge of the 5G network. Supply chains will be created to address these new business cases.

Participants

Moderator: Christina Rodriguez - Vice President Data Center Group General Manager Wireless Access Network Division, Intel

Panelist: Rajesh Mishra - Founder, President, and CTO, Parallel Wireless

Panelist: Bob Everson - Global Director, Mobility and 5G, Cisco

Panelist: David Ownby - Practice Director, Open Systems, WWT

Edge Services, Now and Beyond

11:50am - 12:10pm

Edge as a broader topic with OpenNESS

How are we making easy for our developers to create the exciting 5G and edge services that are the real driving force behind edge transformation? Intel is developing and making available an open reference software toolkit – called "Open Network Edge Services Software (OpenNESS)" that abstracts the complexity of the network and provides an easy button to "network-as-a-service" capabilities to the developer. Join us for a deep dive incursion into the future of edge services

Participants

Prakash Kartha - Segment Director, Edge Services, Intel

Changes Enterprises Can Expect with Edge Computing

12:10pm - 12:30pm

Edge as a broader topic with OpenNESS

Better customer experiences are a significant benefit of edge computing. When it comes to creating seamless user and client experiences, immediacy is key. There is a great potential for a better ROI with the virtualization and consolidation of VNFs, VMs and Containers. The potential to simplify the premise deployment and build introduces complexity in support and management. Edge computing naturally leverages an agile approach, thus bringing the potential for agility in introduction of new use cases and revenue. There is a challenge aligning legacy business processes around this flexibility and instantaneous analytics. The enhanced user context, proximity of content and the connectivity of edge computing will be a key to making experimental innovations commercially viable, secure and economical.

Participants

Robert Pike - CEO, Smart Edge

Mike Flanagan - CIO/CTO, Pivot

Panel: Network Edge Services – Getting Your Infrastructure Ready

12:30pm - 1:00pm

Edge as a broader topic with OpenNESS

Services at the edge will be key for service providers and enterprises to monetize new business opportunities that are resulting from data-centric use cases. These will be further enhanced by 5G capabilities of low latencies and high bandwidth. The transformation will rely heavily on a robust ecosystem of partners who come together to build an open, flexible and agile infrastructure that can scale and bring cloud capabilities to the edge. Come hear from our partners on how they are getting ready for the services transformation.

Participants

Panelist: Priya Natarajan - Senior Director, WW GTM - Telco and Networking, Lenovo

Moderator: Prakash Kartha - Segment Director, Edge Services, Intel

Panelist: Edmond Shapiro - Director Technical Sales, Qwilt

Panelist: Ranga Thittai - Vice President & Chief Architect – Enterprise Networking Solutions, Tech Mahindra

Morning Summary

1:00pm - 1:05pm

Edge as a broader topic with OpenNESS

Participants

George Ranallo - Strategic Program Manager, Network Platforms Group, Intel Corporation

Workshop Lunch

1:05pm - 2:05pm

Illuminate blind spots and maximize the power of the cloud

2:05pm - 2:25pm

Management & Orchestration

“Cloud” without visibility and control is possible, but inefficient and possibly dangerous. The real value of cloud comes through seamless infrastructure, application, data and workload management and automation. Some of this is done today, but there are often gaps. This session will highlight some new capabilities to help bring greater visibility, control and efficiency to cloud and virtualized infrastructure.

Participants

James Greene - Comms Industry Market Development Manager, Intel Corporation

"I Built a Cloud. Did I Miss Anything?"

2:25pm - 2:45pm

Management & Orchestration

This session will take a look at the crucial Day 2 activities necessary for successful operation of a telco hybrid cloud. We'll talk about tools and processes that need to be incorporated into a cloud platform to enable efficient and reliable operations.

Participants

Rimma Iontel - Global Lead - Telco Partner Technology, Red Hat

Panel: Scaling network efficiency: Tools, techniques and tips for automating management and operations

2:45pm - 3:15pm

Management & Orchestration

It is no secret that many network operators look at the hyperscale cloud service providers as models to emulate in terms of the efficiency of infrastructure operations. The move to cloud-based, virtualized systems provides opportunities and challenges to reinvent the network operations model. This panel of ecosystem partners will discuss some of the most promising developments to enable more scalable and efficient network operations.

Participants

Moderator: James Greene - Comms Industry Market Development Manager, Intel Corporation

Panelist: Jeans Tseng - VP and GM of Lanner Telecom Applications BU, Lanner

Panelist: Nati Shalom - CTO, Cloudify

Panelist: Jeff Hartley - Principal Engineer, Lumina Networks

Panelist: Boris Renski - Co-Founder & CMO, Mirantis

Afternoon Break

3:15pm - 3:30pm

Management & Orchestration

Accelerating the Network Transformation Journey with Intel® Select Solutions for the Network

3:30pm - 3:50pm

Intel Select Solution uCPE

Network Transformation to 5G is a key need today. And as we work towards that end goal by transforming from fixed function purpose built hardware to a virtualized infrastructure on COTS (commercial off the shelf servers), we need a faster way to GTM and scale. Intel® Select Solutions for the Network provide the recipes for an optimized, validated & configured solution stack on latest Intel technologies that will help speed up deployment, drive scale & quickly provision services.

Participants

Bill McDonald - Segment Manager for CPE/Edge, Intel

Accelerate time-to-revenue with Advantech and Intel® Select Solutions

3:50pm - 4:10pm

Intel Select Solution uCPE

Network Transformation on both the infrastructure and customer premises is fueling the need for investments by CoSP and Enterprises. With any investment a short time-to-revenue is key for maximizing the ROI and with NFVI & uCPE it's no different. Advantech with its COTS (commercial off the shelf) servers for UCPE and NFVI, pre-validated by all key software solutions and optimized performance by following recipes of Intel Select Solutions enables CoSP and Enterprises to speed up development & reduce time-to-revenue

Participants

Oscar Martinez - Enterprise Networking Specialist and Key Account Manager, Advantech

SESSIONS

INTEL® NETWORK BUILDERS SUMMIT - 17/09/2019

Network Virtualization & SDN Americas

September 17-19, 2019
Dallas Marriott Las Colinas
Dallas, Texas

Panel: How Intel® Select Solutions for uCPE is Revolutionizing Network Transformation at the Edge

4:10pm - 4:40pm
Intel Select Solution uCPE

With the edge transforming from the traditional uCPE/ IoT gateway to supporting more interactive applications & services, new requirements, challenges surface as we handle the paradigm shift. All ecosystem partners along with CoSPs and Enterprises need to collaborate to handle these newer requirements to offer newer & better services to the end-users/consumers. And Intel® Select Solutions for uCPE can help enable & accelerate the provisioning & monetizing of these edge services.

Participants

Bill McDonald - Segment Manager for CPE/Edge, Intel

Joe Baeumel - VP, Business Development, KGPCo

Oscar Martinez - Enterprise Networking Specialist and Key Account Manager, Advantech

Prayson Pate - Chief Technology Officer of Edge Cloud, ADVA

Oren Benisty - EVP Strategic Sales, Silicom

Closing Address

4:40pm - 5:00pm
Intel Select Solution uCPE

Intel® Network Builders - Stay Engaged

Participants

George Ranallo - Strategic Program Manager, Network Platforms Group, Intel Corporation

Networking Reception

5:00pm - 7:00pm

SCHEDULE

INTEL® NETWORK BUILDERS SUMMIT - 17/09/2019

Network Virtualization & SDN Americas

September 17-19, 2019
Dallas Marriott Las Colinas
Dallas, Texas

TIME	5G	ACCELERATING NETWORK TRANSFORMATION	EDGE AS A BROADER TOPIC WITH OPENNESS	INTEL SELECT SOLUTION UCPE	MANAGEMENT & ORCHESTRATION
8:00AM	8:30am - Workshop Day Registration	8:30am - Workshop Day Registration	8:30am - Workshop Day Registration	8:30am - Workshop Day Registration	8:30am - Workshop Day Registration
9:00AM	9:00am - Intel Welcome 9:05am - Setting the Stage	9:00am - Intel Welcome 9:05am - Setting the Stage 9:15am - Business Initiatives to accelerate NW transformation 9:35am - Network Infrastructure – Trends and Evolution 9:55am - Panel: New Business Opportunities with 5G and Edge	9:00am - Intel Welcome 9:05am - Setting the Stage	9:00am - Intel Welcome 9:05am - Setting the Stage	9:00am - Intel Welcome 9:05am - Setting the Stage
10:00AM	10:40am - Today's opportunities in LTE/5G RAN deployments	10:25am - Morning Break			
11:00AM	11:00am - Driving 5G Performance with Cloud RAN 11:20am - Panel: Innovations in the RAN – business models and supply chain		11:50am - Edge Services, Now and Beyond		
12:00PM			12:10pm - Changes Enterprises Can Expect with Edge Computing 12:30pm - Panel: Network Edge Services – Getting Your Infrastructure Ready		
1:00PM	1:05pm - Workshop Lunch	1:05pm - Workshop Lunch	1:00pm - Morning Summary 1:05pm - Workshop Lunch	1:05pm - Workshop Lunch	1:05pm - Workshop Lunch

SCHEDULE

INTEL® NETWORK BUILDERS SUMMIT - 17/09/2019

Network Virtualization & SDN Americas

September 17-19, 2019
Dallas Marriott Las Colinas
Dallas, Texas

TIME	5G	ACCELERATING NETWORK TRANSFORMATION	EDGE AS A BROADER TOPIC WITH OPENNESS	INTEL SELECT SOLUTION UCPE	MANAGEMENT & ORCHESTRATION
2:00PM					<p>2:05pm - Illuminate blind spots and maximize the power of the cloud</p> <p>2:25pm - "I Built a Cloud. Did I Miss Anything?"</p> <p>2:45pm - Panel: Scaling network efficiency: Tools, techniques and tips for automating management and operations</p>
3:00PM				<p>3:30pm - Accelerating the Network Transformation Journey with Intel® Select Solutions for the Network</p> <p>3:50pm - Accelerate time-to-revenue with Advantech and Intel® Select Solutions</p>	<p>3:15pm - Afternoon Break</p>
4:00PM				<p>4:10pm - Panel: How Intel® Select Solutions for uCPE is Revolutionizing Network Transformation at the Edge</p> <p>4:40pm - Closing Address</p>	
5:00PM	5:00pm - Networking Reception	5:00pm - Networking Reception	5:00pm - Networking Reception	5:00pm - Networking Reception	5:00pm - Networking Reception

SESSIONS

CONFERENCE DAY 1 - 18/09/2019

Network Virtualization & SDN Americas

September 17-19, 2019
Dallas Marriott Las Colinas
Dallas, Texas

Registration & Welcome Coffee

8:00am - 9:15am

Welcome

9:15am - 9:20am

Participants

Phil Harvey - US Bureau Chief, Light Reading

Host Operator Opening Keynote: Emergence of 5G and the Edge

9:20am - 9:40am

5G and the edge are putting compute power closer to where it's needed. Hear from Josh Goodell and learn how 5G and edge computing are driving technology transformation and reshaping the way we think about the internet. Topics will address the disruptive potential of edge computing driven by the arrival of 5G, the proliferation of connected devices, and how the 5G edge will support the heavy, real-time computing requirements of emerging applications.

Participants

Josh Goodell - Vice President, Edge Solutions, AT&T

Diamond Keynote: Huawei

9:40am - 10:00am

Participants

Tim Danks - VP Risk Management & Partner Relations, Huawei

Keynote Panel: NFV & SDN Clearing the Cloud-Native Hurdle

10:00am - 10:45am

The very first SDN and NFV use cases were not cloud native and, without that capability, those applications won't be able to scale quickly enough to keep up with soaring network traffic levels. In this panel, we'll discuss:

- What progress has been made on NFV and SDN? What are the success stories?
- What's holding operators back from advancing their NFV and SDN strategies?
- How and what kind of telco applications are moving to the cloud? How are we getting them there?
- What are some of the new business models and opportunities that have been unlocked by virtualization?

Participants

Moderator: Phil Harvey - US Bureau Chief, Light Reading

Panelist: Ofer Weill - Director of Product Marketing, Drivenets

Panelist: Bryce Mitchell - Director of NFV, Cloud, Innovation Labs & Support Networks, Telus

Panelist: Vasile Nedelcu - Global Service Portfolio Director - MS IT & ADM Portfolio and Offering, Ericsson

Panelist: Bill Lambertson - Global Director, Cloud Strategy & Industry Solutions, IBM

Panelist: Paul Ruelas - Director of Network Products, Masergy Communications

VNFs and VNS Testing, Certification, and Onboarding

10:45am - 11:05am

Participants

Rodrigo Beyer - Head of Portfolio & Offering, business area managed services, Ericsson

Coffee Break

11:05am - 11:25am

Fireside Chat with a Service Provider: Creating New Products and Services

11:25am - 11:40am

A discussion about how virtualization and software-defined networking are helping service providers create new products and services, shorten innovation cycles and bring in new revenue.

Participants

Speaker: Gunnar Peters - Senior Director, Emerging Network Products, Spectrum Enterprise

Moderator: Phil Harvey - US Bureau Chief, Light Reading

Sponsor Keynote: Netscout

11:40am - 11:55am

Participants

Richard Fulwiler - Chief Solutions Architect, Netscout

Lightning Talks: The Importance of NFV & SDN to 5G Strategies

11:55am - 12:40pm

You thought we'd go through a whole event without mentioning 5G? WRONG! This quick round of talks focuses solely on the importance of NFV and SDN as network operators are building out and offering 5G services.

Up to 5x 5 min. presentations; 10-15 min. discussion; 10-min. Q&A

Participants

Moderator: Phil Harvey - US Bureau Chief, Light Reading

Panelist: Kazi Ahmed - Director of Technology, Verizon Wireless

Panelist: Mike Heffner - Vice President Product Line Management Edge Cloud, ADVA

Panelist: Mike Capuano - CMO, Pluribus Networks

Panelist: Josh Goodell - Vice President, Edge Solutions, AT&T

Panelist: Alfred Rodriguez - Business Director Wired And Wireless Group, Xilinx

Lunch, Networking and Tabletop Displays

12:40pm - 2:00pm

The Future Telco: From Virtualisation to Cloudification of Network

2:00pm - 2:15pm

Virtualization Business Models & ROI

- SIMPLIFYING the complexity to move to cloud using managed networks
- Orchestration of Zero touch AUTOMATION for improved synergies
- INNOVATIVE, in-depth, multi-layer defence strategy for enhanced cybersecurity and connectivity

Participants

Vineet Anshuman - SME- Next-generation Networks Practice, TCTS

Disaggregation at scale - building Telco networks like hyperscalers

2:00pm - 2:15pm

Network Cloudification: Deconstruction & Development

Participants

Ofer Weill - Director of Product Marketing, Drivenets

Heavy Reading Research Presentation

2:15pm - 2:30pm

Virtualization Business Models & ROI

Participants

Sterling Perrin - Principal Analyst, Optical Networking & Transport, Heavy Reading

Heavy Reading Research Presentation

2:15pm - 2:30pm

Network Cloudification: Deconstruction & Development

Participants

Jim Hodges - Chief Analyst, Cloud & Security, Heavy Reading

Lightning Talk - WAN OFF: SD-WAN, a Longterm Business Model for Virtualized Services, or just a One-Off?

2:30pm - 3:15pm

Virtualization Business Models & ROI

SD-WAN is revolutionizing branch-office connectivity in the era of cloud, and operators globally are jumping on board, many for fear of missing out on the next big thing in enterprise services. Still, from a network operator's perspective, what is the end game? Competing on price versus legacy MPLS services is a race to the bottom. Many operators have long-term plans of integrating SD-WAN as part of their overall NFV strategies, but this too is not easy.

This series of lightning talks will take a hard look at the future of managed SD-WANs from a business point-of-view. What is the best business model for SD-WAN, and how should it be implemented? Or, is SD-WAN best positioned as a point-product in a larger enterprise services portfolio?

Participants

Moderator: Sterling Perrin - Principal Analyst, Optical Networking & Transport, Heavy Reading

Presenter: Wadah Ely - GM of the Networks & Cloud Connectivity, Bell Canada

Presenter: Scott Irwin - Sr. Director of SD-WAN, Frontier Communications

Presenter: John Isch - Practice Director - Network and Voice Center of Excellence, Orange Business Services

Presenter: Rami Yaron - Co-chair, Marketing and Education Committee, MEF

Presenter: Scott Arnett - Director, Major Accounts, Fortinet

Lightning Talk: Telco-Cloud Strategy - Pick a Cloud - Any Cloud

2:30pm - 3:15pm

Network Cloudification: Deconstruction & Development

One of the most important decisions service providers must make in their virtualization journey is whether to implement virtualized services in private, public or hybrid clouds.

These lightning talks will document the factors and related decision points that will drive this selection process including considering the impact of deploying cloud-native services in whatever configuration(s) is implemented.

Participants

Moderator: Jim Hodges - Chief Analyst, Cloud & Security, Heavy Reading

Panelist: Rajat Jain - Senior Solutions Architect, Mirantis

Panelist: Prajakta Joshi - Senior Product Manager and Telco Networking Lead, Google Cloud

Panelist: Bejoy Pankajakshan - EVP, Chief Strategy Officer, Mavenir

Panelist: Sanjay Srinivasan - Vice President and Chief Architect, Vonage

Fireside Chat: Has Virtualization Made it's Return Yet?

3:15pm - 3:30pm

Virtualization Business Models & ROI

In this fireside chat, AT&T's Rupesh Chokshi will have an open dialogue about the pace at which virtualization is maturing in the industry with insights from AT&T's own network evolution and experience. The discussion will focus on how virtualization is playing a bigger role in macro trends including data growth, application awareness and software control. Topics addressed will include how enterprises can benefit from network function virtualization and how software-centric architectures create future ready platforms that delivers business agility.

Participants

Speaker: Rupesh Chokshi - Assistant Vice President, Edge Solutions Product Marketing Management, AT&T Business

Moderator: Sterling Perrin - Principal Analyst, Optical Networking & Transport, Heavy Reading

uCPE: the platform is the killer app

3:15pm - 3:30pm

Network Cloudification: Deconstruction & Development

The rise of universal customer premise equipment (uCPE) has been driven by the emergence of SD-WAN as an application, combined with the hosting of a firewall to provide a complete access solution. You might even call this combination the killer app, but we would disagree. SD-WAN and firewall are just the first step. In the larger picture, the role of Ensemble Connector as an open platform for uCPE is itself the killer app.

Participants

Prayson Pate - Chief Technology Officer of Edge Cloud, ADVA

Fireside Chat with a Service Provider: ROI of uCPE: Does It Add Up?

3:30pm - 3:45pm

Virtualization Business Models & ROI

Universal Customer Premises Equipment (uCPE) has been hyped as the golden goose for operators to provide customers with multiple virtual network functions (VNFs) on one box. On a single, x86 box, customers can run multiple network functions such as routing, WAN optimization, SD-WAN, security and more. While the theory behind uCPE adds up, do the economics? Do the benefits to operators and customers to utilize uCPEs at the network edge outweigh the cost of deployment? Windstream's Mike Frane takes an honest look at the ROI behind uCPE, challenges that arise if equipment breaks, how customers are using compute power at the edge, and whether it's a smart strategy to put all your eggs in one white box.

Participants

Speaker: Mike Frane - Vice President of Product Management for SD-WAN, Windstream Enterprise

Moderator: Sterling Perrin - Principal Analyst, Optical Networking & Transport, Heavy Reading

Service Provider Breakout Keynote: Concrete Steps to a Cloud Native Deployment: A Provider's Perspective

3:30pm - 3:45pm

Network Cloudification: Deconstruction & Development

This breakout will attempt to address a telecommunications provider's view from the operations perspective of what is required of a cloud native, real-time application. During the presentation, a few pointed examples of what and why certain attributes are necessary for operations will be discussed.

Participants

Speaker: Jason Brummal - Associate Fellow, Verizon

Coffee Break & Tabletop Displays

3:45pm - 4:00pm

Service Provider Breakout Keynote: Virtualization in the 5G Convergence World

4:00pm - 4:15pm

5G is ushering in the most complex wireless environments ever seen before. And cellular connectivity is just the beginning -- the next generation of wireless will require connectivity across licensed, unlicensed and shared licensed spectrum to accommodate skyrocketing data demands. The mobile mind shift has proliferated where connectivity between billions of people and things are expected irrespective of the underlying technology they operate on. Where does virtualization fit into this rapidly growing ecosystem and what are the challenges and opportunities?

Participants

Kishore Raja - Vice President, Engineering Strategic Programs, Boingo Wireless

Breakout Panel: The Business of Security - Risk vs. Return Management Strategies

4:15pm - 5:00pm

5G is not only a major technology disruptor, it will also indelibly alter existing business models. This panel will start by considering how several factors, including 5G and fixed network virtualization architectures, are implemented and when they will impact security risk requirements.

In addition, the panel will assess how some of these associated 5G security challenges can be turned into a business opportunity through the introduction of advanced managed security services designed to meet the strong level of demand from enterprise customers.

Participants

Moderator: Jim Hodges - Chief Analyst, Cloud & Security, Heavy Reading

Panelist: Michael Dennis - Business Development Leader, Cisco Cloud Security, Cisco

Panelist: Edward Fox - CTO, MetTel

Panelist: Kevin McBride - Principal Architect, SDN & NFV Technologies, CenturyLink

Panelist: Gary Sockrider - Director, Security Technologists, NETSCOUT

Panelist: Awanish Verma - Director Marketing NFV, Acceleration Wired & Wireless Group, Xilinx

IBM Happy Hour - Networking Reception & Tabletop Displays

5:00pm - 6:00pm

SCHEDULE

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Network Virtualization & SDN Americas

September 17-19, 2019
Dallas Marriott Las Colinas
Dallas, Texas

TIME	NETWORK CLOUDIFICATION: DECONSTRUCTION & DEVELOPMENT	VIRTUALIZATION BUSINESS MODELS & ROI
8:00AM	8:00am - Registration & Welcome Coffee	8:00am - Registration & Welcome Coffee
9:00AM	9:15am - Welcome 9:20am - Host Operator Opening Keynote: Emergence of 5G and the Edge 9:40am - Diamond Keynote: Huawei	9:15am - Welcome 9:20am - Host Operator Opening Keynote: Emergence of 5G and the Edge 9:40am - Diamond Keynote: Huawei
10:00AM	10:00am - Keynote Panel: NFV & SDN Clearing the Cloud-Native Hurdle 10:45am - VNFs and VNS Testing, Certification, and Onboarding	10:00am - Keynote Panel: NFV & SDN Clearing the Cloud-Native Hurdle 10:45am - VNFs and VNS Testing, Certification, and Onboarding
11:00AM	11:05am - Coffee Break 11:25am - Fireside Chat with a Service Provider: Creating New Products and Services 11:40am - Sponsor Keynote: Netscout 11:55am - Lightning Talks: The Importance of NFV & SDN to 5G Strategies	11:05am - Coffee Break 11:25am - Fireside Chat with a Service Provider: Creating New Products and Services 11:40am - Sponsor Keynote: Netscout 11:55am - Lightning Talks: The Importance of NFV & SDN to 5G Strategies
12:00PM	12:40pm - Lunch, Networking and Tabletop Displays	12:40pm - Lunch, Networking and Tabletop Displays
1:00PM		
2:00PM	2:00pm - Disaggregation at scale - building Telco networks like hyperscalers 2:15pm - Heavy Reading Research Presentation 2:30pm - Lightning Talk: Telco-Cloud Strategy - Pick a Cloud - Any Cloud	2:00pm - The Future Telco: From Virtualisation to Cloudification of Network 2:15pm - Heavy Reading Research Presentation 2:30pm - Lightning Talk - WAN OFF: SD-WAN, a Longterm Business Model for Virtualized Services, or just a One-Off?
3:00PM	3:15pm - uCPE: the platform is the killer app 3:30pm - Service Provider Breakout Keynote: Concrete Steps to a Cloud Native Deployment: A Provider's Perspective 3:45pm - Coffee Break & Tabletop Displays	3:15pm - Fireside Chat: Has Virtualization Made it's Return Yet? 3:30pm - Fireside Chat with a Service Provider: ROI of uCPE: Does It Add Up? 3:45pm - Coffee Break & Tabletop Displays
4:00PM	4:00pm - Service Provider Breakout Keynote: Virtualization in the 5G Convergence World 4:15pm - Breakout Panel: The Business of Security - Risk vs. Return Management Strategies	4:00pm - Service Provider Breakout Keynote: Virtualization in the 5G Convergence World 4:15pm - Breakout Panel: The Business of Security - Risk vs. Return Management Strategies
5:00PM	5:00pm - IBM Happy Hour - Networking Reception & Tabletop Displays	5:00pm - IBM Happy Hour - Networking Reception & Tabletop Displays

Registration & Breakfast

7:00am - 7:30am

Women in Comms Breakfast Workshop: 5G – a Bigger, Better Network – but Will It Be a Boon or Barrier to Women in Comms?

7:30am - 8:30am

5G promises not only faster speeds, but lower latency and the networking foundation for significant progress in emerging technologies like AI, automated vehicles, IoT, smart cities and more. The tech and communications industries expect 5G to deliver new opportunities for service providers and equipment manufacturers, but how will 5G impact the engineers and network architects at these organizations? What impact will 5G have on hiring decisions, future employment opportunities and for women in comms to break or bump into the glass ceiling? This panel will address the many potential benefits and opportunities 5G brings to the network, new technologies, organizations and employees – but also takes an honest look at potential barriers 5G could present to women in comms, and how to prepare for those challenges.

This workshop is FREE for anyone to attend. Both men and women are welcome to join the breakfast and discussion!

Participants

Moderator: Kelsey Ziser - Editor, Upskill U & Senior Editor, Light Reading

Panelist: Christina Cheng - Assistant Vice President, Enterprise Mobility, AT&T Business

Panelist: Vibha Chhatwal - Manager, Network Sales Engineering, Fujitsu

Panelist: Prajakta Joshi - Senior Product Manager and Telco Networking Lead, Google Cloud

Panelist: Amy LaFebre - Director of Technology, Global Network Management, Verizon

Panelist: Sue Rudd - Director, Strategy Analytics

Welcome Back

9:00am - 9:10am

Participants

Phil Harvey - US Bureau Chief, Light Reading

Service Provider Keynote: Network Slicing - The Next Steps

9:10am - 9:30am

Network slicing is the lynchpin of the promise of 5G. Innovations in the RAN and SDN, massively distributed cloud infra-structure running from public cloud to telco-core to telco-edge to UE, and harmonization between RAN and EPC are the additional enablers that are evolving concomitantly. Consequently, there is a surge in the complexity and an acute need to make automation indispensable to orchestration. Yet, telco-grade operationalization of network slicing hinges on a few missing pieces; and this presentation will double-click on the same.

Participants

Hans Raj Nahata - Director: Strategy & Technology Architecture, Verizon Communications

Super Platinum Keynote: Webscale From IT to Telco

9:30am - 9:45am

- What is Webscale?

- What are the specific requirements between Webscale and telco players

- What gaps do we have in container management ecosystem to achieve telco-grade performance?

- Which segments are critical from latency perspective?

- What features are required to support micro-services architecture in all the segments?

- Which factors are difficult to implement in telco

Participants

Bejoy Pankajakshan - EVP, Chief Strategy Officer, Mavenir

Keynote Panel: Why the Dream of Network Slicing Needs the Reality of SDN & NFV

9:45am - 10:35am

- Network slicing is positioned as the next big thing in service delivery, but for it to be worth implementing at scale, telcos must be able to dynamically assign network resources.
- SDN and NFV are often quoted as being the lynchpin for delivering this more agile network management.
- With the evolution to cloud architectures, how is that affecting the development of network slicing architectures and management models?
- What more needs to be built in to operationalize network slices for real industry verticals?
- How can we enforce SLAs for individual network slices?

Participants

Moderator: Jim Hodges - Chief Analyst, Cloud & Security, Heavy Reading

Panelist: Richard Fulwiler - Chief Solutions Architect, Netscout

Panelist: John Isch - Practice Director - Network and Voice Center of Excellence, Orange Business Services

Panelist: Awanish Verma - Director Marketing NFV , Acceleration Wired & Wireless Group, Xilinx

Panelist: Brandon Larson - SVP, GM, Multimedia Business Unit, Mavenir

Panelist: Arun Balasubramanian - Senior Vice President – Global Sales, Business Development & Strategy, Jio

Panelist: Nirlay Kundu - Distinguished Engineer, Verizon Innovation Labs

Coffee Break & Tabletop Displays

10:35am - 11:00am

Keynote Fireside Chat: Edge Computing and Network Automation in the Real World

11:00am - 11:15am

Participants

Speaker: Anil Simlot - VP of Virtual Services Development & Support, CenturyLink

Moderator: Phil Harvey - US Bureau Chief, Light Reading

Service Provider Fireside Chat: What's Next for SD-WAN?

11:15am - 11:30am

Masergy's Ray Watson discusses lessons the operator has learned as an early adopter of NFV. In addition, he'll address new business drivers for SD-WAN, and predictions for the evolution of the SD-WAN marketplace.

Participants

Speaker: Ray Watson - Vice President, Global Technology, Masergy

Moderator: Jim Hodges - Chief Analyst, Cloud & Security, Heavy Reading

Lightning Talks - Transformation to Automated Networking - Where are We on the Journey?

11:30am - 12:20pm

Communications service providers have been on long journey in network automation from human-operated switchboards to software-based networking. But automation is a never-ending journey. Humans are still integral to the management and operation of networks and they are struggling to cope as network traffic increases and technologies become more complex. This series of lightning talks will explore the adoption of NETCONF/YANG to automate device configuration, advances in software defined networking (SDN), the use of telemetry to automate network monitoring, intent/policy and service assurance to implement closed-loop automation and artificial intelligence to enable adaptive and predictive automation.

Up to 6x 5 min. presentations; 10-15 min. discussion; 10 min. Q&A

Participants

Moderator: Jennifer Clark - Principal Analyst, Cloud Infrastructure and Edge Computing, Heavy Reading

Presenter: Kevin McBride - Principal Architect, SDN & NFV Technologies, CenturyLink

Presenter: Steve Marsh - CTO, North America, Intraway

Presenter: Marcus Rebelo - Director of Sales Engineering, Resolve

Presenter: Mats Nordlund - Founder & CEO, Netrounds

Presenter: Mike Capuano - CMO, Pluribus Networks

Lunch, Networking & Tabletop Displays

12:20pm - 1:30pm

Heavy Reading Presentation

1:30pm - 1:45pm
Edge Business Services

Participants

Sterling Perrin - Principal Analyst, Optical Networking & Transport, Heavy Reading

Heavy Reading Presentation

1:30pm - 1:45pm
Automating Operations

Participants

Jennifer Clark - Principal Analyst, Cloud Infrastructure and Edge Computing, Heavy Reading

Taming Edge Networks with Open Networking & SDN

1:45pm - 2:00pm
Edge Business Services

There is a set of emerging applications with new latency, bandwidth thinning, autonomy and privacy requirements that are driving the deployment of compute and storage to multiple edges and into a distributed cloud, closer to people and things. As the pendulum swings from centralized to this distributed cloud, the networking of the compute and storage resources becomes more challenging. Many sites will be lights out facilities with no co-located network operations skill sets so the traditional box-by-box networking is no longer tenable. This means the network needs to become highly SDN automated and virtualized while simultaneously reducing cost, space and power consumption for these more compact facilities. This talk will address an approach using open networking, SDN and network virtualization to create a next generation network fabric for distributed cloud.

Participants

Alessandro Barbieri - Vice President, Product Management, Pluribus Networks

Cutting Across the Layers in Network Automation - How Deep Can You Go?

1:45pm - 2:00pm
Automating Operations

Participants

Larry Lien - SVP Product Marketing, Resolve

Fireside Chat with Service Provider: Network Automation and Virtualization at the Cloud/Data Center Edge--deliver flexible services with high velocity!

2:00pm - 2:15pm
Edge Business Services

- Extending network capabilities and reach virtually in minutes to access cloud and network resources in current markets as well as new markets/regions.
- Providing routing, firewall, SD-WAN, and other network functions virtually at the center of the cloud and NSP ecosystem – which eliminates “hair-pinning” of traffic in and out of CSPs.
- Automating network access at the edge for end customers, whether that be SD-WAN, MPLS, or Ethernet.

Participants

Speaker: Jordan Dukes - Global Network Edge Practice Lead, Equinix

Moderator: Sterling Perrin - Principal Analyst, Optical Networking & Transport, Heavy Reading

ETSI ZSM Presentation

2:00pm - 2:15pm
Automating Operations

Participants

Presenter: Serge Manning - ZSM NOC Vice Chair, ETSI

Breakout Panel: Revolutionizing the Edge with SDN

2:15pm - 3:00pm
Edge Business Services

Network operators don't want SDN and white box hardware everywhere in their networks, but Heavy Reading research shows that an area of keen interest for both is in edge networks, particularly at the IP layer. With leading edge network operators – including AT&T – sending a clear message to their suppliers that access and edge routing should be disaggregated, a new crop of startups is emerging to address the requirements. Incumbent vendors, meanwhile, must address their messaging and their product lines for this trend. 5G is a major driver for white box routers, but not the only one. This session will address the primary drivers for disaggregated routers at the edge as well as the pros and cons of this approach compared to traditional coupling of proprietary hardware and software.

Participants

Moderator: Sterling Perrin - Principal Analyst, Optical Networking & Transport, Heavy Reading

Panelist: Rupesh Chokshi - Assistant Vice President, Edge Solutions Product Marketing Management, AT&T Business

Panelist: Sven Freudenfeld - CTO - Telecom Applications, Lanner

Panelist: Sharif Fotouh - Managing Director of Compass EdgePoint, Compass Data Centers

Panelist: Tom Yin - Senior Business Development Manager, Equinix

Breakout Panel: Automation & Orchestration for NFV - What is Holding up Adoption?

2:15pm - 3:00pm
Automating Operations

A recent Heavy Reading survey found that less than a quarter of respondents' virtualized networks currently use orchestration to automate services; the rest depend on manual operations. Clearly this is not sustainable; without orchestration CSPs will not experience the levels of automation they want and will not be ready with their telco cloud offerings for the 5G market. One factor that is causing the delay in adoption is the difficulty of orchestrating across SDN, NFV and OSS domains. Another issue is confusion about the open source initiatives ONAP and OSM. Should operators build their orchestration platforms around one or both of these, or should they stick to commercial offerings that are ready to deploy today? This panel will debate the challenges to orchestration for NFV and the potential solutions.

Participants

Moderator: Jennifer Clark - Principal Analyst, Cloud Infrastructure and Edge Computing, Heavy Reading

Panelist: Jason Gadsby - Assistant Vice President, Product Management - Edge Solutions, AT&T Business

Panelist: Amy LaFebre - Director of Technology, Global Network Management, Verizon

Panelist: Vineet Anshuman - SME- Next-generation Networks Practice, TCTS

Panelist: Dilip Pillaipakam - VP, Service Provider Business, Infoblox

Panelist: Dom Chorafakis - Senior Architect, AQSACOM

Coffee Break

3:00pm - 3:15pm
Edge Business Services

Coffee Break

3:00pm - 3:15pm
Automating Operations

Fireside Chat with a Service Provider: Compass Data Centers

3:15pm - 3:30pm

Participants

Moderator: Phil Harvey - US Bureau Chief, Light Reading

Speaker: Sharif Fotouh - Managing Director of Compass EdgePoint, Compass Data Centers

Closing Keynote Panel: Implementing NFV 2.0: The Next Tech of NFV

3:30pm - 4:15pm

Now that we've cracked cloud-native and the business challenges operators and vendors face with SDN and NFV, what's next?

- What's the next disruption for NFV?
- What's next for the SD-WAN market?
- What challenges remain in deploying cloud-native applications?
- Is the conversation around virtualization shifting from a primary focus on technology to business outcomes?

Participants

Moderator: Phil Harvey - US Bureau Chief, Light Reading

Moderator: Jim Hodges - Chief Analyst, Cloud & Security, Heavy Reading

Panelist: Prajakta Joshi - Senior Product Manager and Telco Networking Lead, Google Cloud

Panelist: Prayson Pate - Chief Technology Officer of Edge Cloud, ADVA

Panelist: Sue Rudd - Director, Strategy Analytics

Panelist: Sanjay Srinivasan - Vice President and Chief Architect, Vonage

Panelist: Scott Poretsky - AVP Solutions Architecture, Allot

Close of Conference

4:15pm - 4:20pm

SCHEDULE

CONFERENCE DAY 2 - 19/09/2019

Network Virtualization & SDN Americas

September 17-19, 2019
Dallas Marriott Las Colinas
Dallas, Texas

TIME	AUTOMATING OPERATIONS	EDGE BUSINESS SERVICES
7:00AM	<p>7:00am - Registration & Breakfast</p> <p>7:30am - Women in Comms Breakfast Workshop: 5G – a Bigger, Better Network – but Will It Be a Boon or Barrier to Women in Comms?</p>	<p>7:00am - Registration & Breakfast</p> <p>7:30am - Women in Comms Breakfast Workshop: 5G – a Bigger, Better Network – but Will It Be a Boon or Barrier to Women in Comms?</p>
8:00AM		
9:00AM	<p>9:00am - Welcome Back</p> <p>9:10am - Service Provider Keynote: Network Slicing - The Next Steps</p> <p>9:30am - Super Platinum Keynote: Webscale From IT to Telco</p> <p>9:45am - Keynote Panel: Why the Dream of Network Slicing Needs the Reality of SDN & NFV</p>	<p>9:00am - Welcome Back</p> <p>9:10am - Service Provider Keynote: Network Slicing - The Next Steps</p> <p>9:30am - Super Platinum Keynote: Webscale From IT to Telco</p> <p>9:45am - Keynote Panel: Why the Dream of Network Slicing Needs the Reality of SDN & NFV</p>
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12:00PM	<p>12:20pm - Lunch, Networking & Tabletop Displays</p>	<p>12:20pm - Lunch, Networking & Tabletop Displays</p>
1:00PM	<p>1:30pm - Heavy Reading Presentation</p> <p>1:45pm - Cutting Across the Layers in Network Automation - How Deep Can You Go?</p>	<p>1:30pm - Heavy Reading Presentation</p> <p>1:45pm - Taming Edge Networks with Open Networking & SDN</p>
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4:00PM	<p>4:15pm - Close of Conference</p>	<p>4:15pm - Close of Conference</p>