

SESSIONS

DAY 1 - 05/11/2019

Software-Driven Operations

November 5, 2019
ILEC Conference Centre
London, England

REGISTRATION & BREAKFAST

08:00 - 09:00

WELCOME: INTRODUCTION & HEAVY READING RESEARCH PRESENTATION

09:00 - 09:20

Participants

Presenter: James Crawshaw - Senior Analyst, CSP IT & Automation, Heavy Reading

BT KEYNOTE

09:20 - 09:40

- How OSS is changing to enable zero touch automation.
- Connecting fulfilment with orchestration and service assurance.
- OSS enablement of 5G network slicing.

Participants

Michael Currer - Service Platform Architecture Director, BT

PANEL: BUILDING THE TELCO CLOUD

09:40 - 10:25

The telco cloud supports a CSP's virtualized network functions, internal IT applications and external cloud services. Rather than operating each cloud as a separate silo, the aim is to use shared resources albeit with segmentation for security and quality control.

The workloads for NFV, IT and enterprise services are very different. NFV workloads generally require high throughput, low latency and high availability. In contrast, IT workloads generally have high disk space requirements and need high input/output operations per second. This panel will examine how network and IT operations teams coexist on the same platform.

Participants

Moderator: James Crawshaw - Senior Analyst, CSP IT & Automation, Heavy Reading

Panelist: Michael Currer - Service Platform Architecture Director, BT

Panelist: Mark Newman - Chief Analyst, TM Forum

Panelist: Sue White - Head of SDN/NFV Strategy & Marketing, Netcracker

Panelist: Cecilia Corbi - Senior Project Manager, TIM

DIAMOND SPONSOR KEYNOTE: NETCRACKER

10:25 - 10:45

Participants

Ari Banerjee - VP of Strategy, Netcracker

COFFEE BREAK & TABLE TOP DISPLAYS

10:45 - 11:30

Service Provider Keynote: Verizon

11:30 - 11:50

A look at Verizon's Orchestration journey and how it leads into:

- The Telco Cloud and its impact on Operations
- Developing CI/CD Culture for Telco (and our customers!)
- Developing a Cloud Manager for Enterprise

Participants

Oliver Cantor - Associate Director, Product Strategy, Verizon

LIGHTNING TALKS: USE OF PUBLIC CLOUD TO HOST OSS/BSS

11:50 - 12:40

One of the things that the industry must do to capitalize on virtualization and 5G is embrace the public cloud, leveraging those assets to complement private cloud resources and to help the migration away from legacy systems. The use of public cloud to host OSS and BSS is today typically restricted to new entrants including new brands that existing MNOs launch for market segmentation purposes.

However, according to a recent TM Forum CTIO survey, the majority of CSPs have less than 10% of their OSS and BSS in the cloud (private or public). What is holding operators back? This series of lightning talks will address the challenges to implementing public cloud to host OSS/BSS such as privacy and security concerns, performance reliability, costs, lack of skills, and general resistance to change. In addition, presenters will discuss how to overcome these challenges in order to achieve the potential cost savings of public cloud as well as the agility and software development capabilities offered.

Participants

Moderator: Ray Le Maistre - Editor in Chief, Light Reading

Panelist: Pawan Dubey - Principal Solution Architect, Orange Belgium

Panelist: Ari Banerjee - VP of Strategy, Netcracker

Panelist: Stavros Markogiannakis - OSS Transformation Lead, Three UK

Panelist: Victor Deutsch - Head of Strategy, Transformation, SMB, Defence and Security Departments, Telefónica

SERVICE PROVIDER FIRESIDE CHAT: A COLLABORATIVE APPROACH TO NEW OSS PLATFORM DEVELOPMENT

12:40 - 13:00

Shahar Steiff, AVP New Technologies at PCCW, will explain how the ITW's Global Leaders Forum is building a new OSS/BSS platform using blockchain technology to transform traditional connectivity providers into cloud-based communications service providers. Although specifications such as the MEF's Lifecycle Service Orchestrator exist, operators and vendors are often distracted by open source projects which end up delivering proprietary solutions to isolated problems. Steiff proposes a new approach – the Specathon – which condenses the timeline for spec development from years down to months by working more intensively. Following these principles, the Global Leaders Forum is building a distributed ledger technology (DLT) based solution to enable Data-on-Demand, Wholesale Voice Settlement, Fraud Prevention and Mobile Roaming. Solutions built by different vendors and running on different CSPs share an omni-lateral ledger that supports bilateral DLTs between each carrier.

Participants

Speaker: Shahar Steiff - AVP New Technology, PCCW Global

Moderator: James Crawshaw - Senior Analyst, CSP IT & Automation, Heavy Reading

LUNCH, NETWORKING & TABLE TOP DISPLAYS

13:00 - 14:05

PANEL: SERVICE ASSURANCE TO SUPPORT 5G

14:05 - 14:50

The 5G network brings a new radio and a new core. It includes a new transport network architecture, and new technologies such as network slicing and mobile access edge computing—which increase network complexity and introduce new challenges for operations. The traditional approach of bolting on manual workflows will not be economical. Testing and service assurance activities have historically been very manual, reactive and time-consuming.

This panel will address how automating these workflows can represent a quick win for operations. In addition, this panelists will discuss how automated active testing and service assurance can deliver immediate benefits for existing, hardware-based 4G networks and help prepare for the operation of new virtualized and cloud-native 5G networks.

Participants

Moderator: James Crawshaw - Senior Analyst, CSP IT & Automation, Heavy Reading

Panelist: José Domingos - OSS Senior Solution Architect Manager, BT

Panelist: Imen Grida Ben Yahia - Project Leader on AI for network, Orange Labs

Panelist: Rajmund Zieliński - Integrated Assurance & Analytics Product Manager, Comarch

Panelist: Tom Foottit - Senior Director of Product Line Management, Accedian

FIRESIDE CHAT: BT

14:50 - 15:05

Participants

Moderator: James Crawshaw - Senior Analyst, CSP IT & Automation, Heavy Reading

Speaker: José Domingos - OSS Senior Solution Architect Manager, BT

PANEL: FROM VIRTUALIZATION TO CONTAINERIZATION

15:05 - 15:45

The telecom industry has barely gotten to grips with virtualization but the cool kids have already moved on to containerization.

- Does that require monolithic VNFs and OSS to be re-written as microservices?
- Or can operators benefit from running existing applications in containers and orchestrating them with Kubernetes?
- How will applications perform in this environment?

Some operators believe that containers represent the only viable route to building and scaling 5G networks. Using containers, operators could reboot systems far more speedily than with virtual machines. Others are skeptical about the security and complexity of such an approach. This panel examines both sides of the coin.

Participants

Moderator: James Crawshaw - Senior Analyst, CSP IT & Automation, Heavy Reading

Panelist: Fahim Sabir - Director Architecture and Development, Colt on Demand, Colt

Panelist: Jay Shah - Chief Data & AI Officer, MyRepublic

Panelist: Martin Taylor - Chief Technical Officer, Metaswitch

DISSECTING TELCO USE CASES – AN INTERACTIVE DEBATE

15:45 - 16:25

The conference will close with a highly interactive session, giving delegates the opportunity to join the discussion and draw together the day's key themes and most important conversations.

Join a group of peers and a service provider to hear about their real-world experiences. In addition, get a chance to discuss it with them over a glass of wine, beer or a soft drink. Moderators will help direct the discussion and post key themes to white boards available in the room. At the end of the session, we'll regroup to share what was discussed at each break-out group.

Topics for discussion will include:

- Challenges of Moving Toward Containerization
- Developing an Internal DevOps culture
- Extending Network Visibility into the Cloud
- Hybrid Cloud: what is the right balance of Public & Private?

Participants

Moderator: James Crawshaw - Senior Analyst, CSP IT & Automation, Heavy Reading

Moderator: Ray Le Maistre - Editor in Chief, Light Reading

NETWORKING RECEPTION & TABLE TOP DISPLAYS

16:25 - 17:25

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