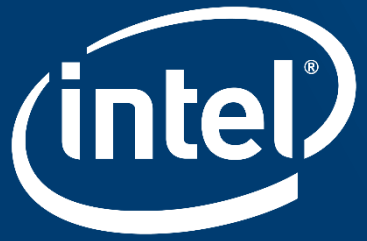

INTEL® NETWORK BUILDERS UNIVERSITY

DELIVERING THE RIGHT SKILLSET TO ACCELERATE NETWORK TRANSFORMATION

George Ranallo

Network Platforms Group

Intel Corporation

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INTEL® NETWORK BUILDERS – ACCELERATING NETWORK TRANSFORMATION

An Intel led ecosystem of ISVs, OSVs, OEMs, ODMs, TEMs, SIs, and end users with a shared mission to accelerate network transformation on Intel architecture based servers

Intel Architecture, FPGAs, Software, Security

End to end partnership with a robust ecosystem

INTEL ® NETWORK BUILDERS ENGAGEMENT MODEL

Intel Network Builders is an membership program that provides CoSP with insight on network transformation accelerated by broad industry engagement

Business transformation – what are the success models	Gain insight on commercially available solutions	Support on latest technologies	Get Industry Insight	Train your teams
✓ Deep dive on individual business models and match up with network transformation models	✓ Insight on a community of 350+ ecosystem ISV/OSV/OEM/ODM/SI	✓ Exposure to Intel Roadmaps and INB ecosystem solution readiness	✓ Attend NDA, CommSP led events, meet with Intel Execs for tailored approach	✓ A technical training program for Intel's end user customers, with individualized content

LACK OF NFV TRAINING DETERS NFV ADOPTION

LACK OF SKILLS

LACK OF KNOWLEDGE/SKILLS was noted as one of the **TOP 3 PROBLEMS** or issues Service Providers face that hold back commercial deployment of NFV in their network

IHS Technology – Service Provider Survey

June 2017

TALENT GAP

Operators and CSPs are finding that there are not enough people with the **relevant skills** and practical experience both in-house and entering the industry, resulting in a **GROWING TALENT GAP**.

Computer Business Review – Barrier to Progress- January 2018

IT MEETS NETWORK

HUMAN REVOLUTION as well," said Laurent Herr, the vice president of OSS for OBS, during a presentation at today's TM Forum Live! event in Nice, France. "We need new **HARD SKILLS** on the network and IT side -- the hardware guys need to understand what is happening on the OSS side and the IT people need to understand the network."

Iain Morris, News Editor, Light Reading, 5/10/2016

https://app.frame.io/presentations/c71627a5-da62-4ad2-962c-ac8c570ad1e4

INTEL® NETWORK BUILDERS UNIVERSITY PROGRAMS

Creating Real Value for Communications Service Providers

INTEL® NETWORK BUILDERS UNIVERSITY

INTEL® NETWORK ACADEMY

COMMSP F2F TRAINING

ECOSYSTEM DEEP DIVE TRAINING

CUSTOM PATHWAYS

INNOVATION SUMMITS

INTEL® NETWORK BUILDERS UNIVERSITY

A technical training program for Intel's end user customers and Intel® Network Builders ecosystem partners aiming to accelerate the adoption and deployment of virtualized technologies through education.

Training courses are delivered in short video format

Quizzes are available after training to support understanding

Available whitepapers, product briefs, and other related materials.

Intel Network Builders End User Ecosystem Member Benefits:

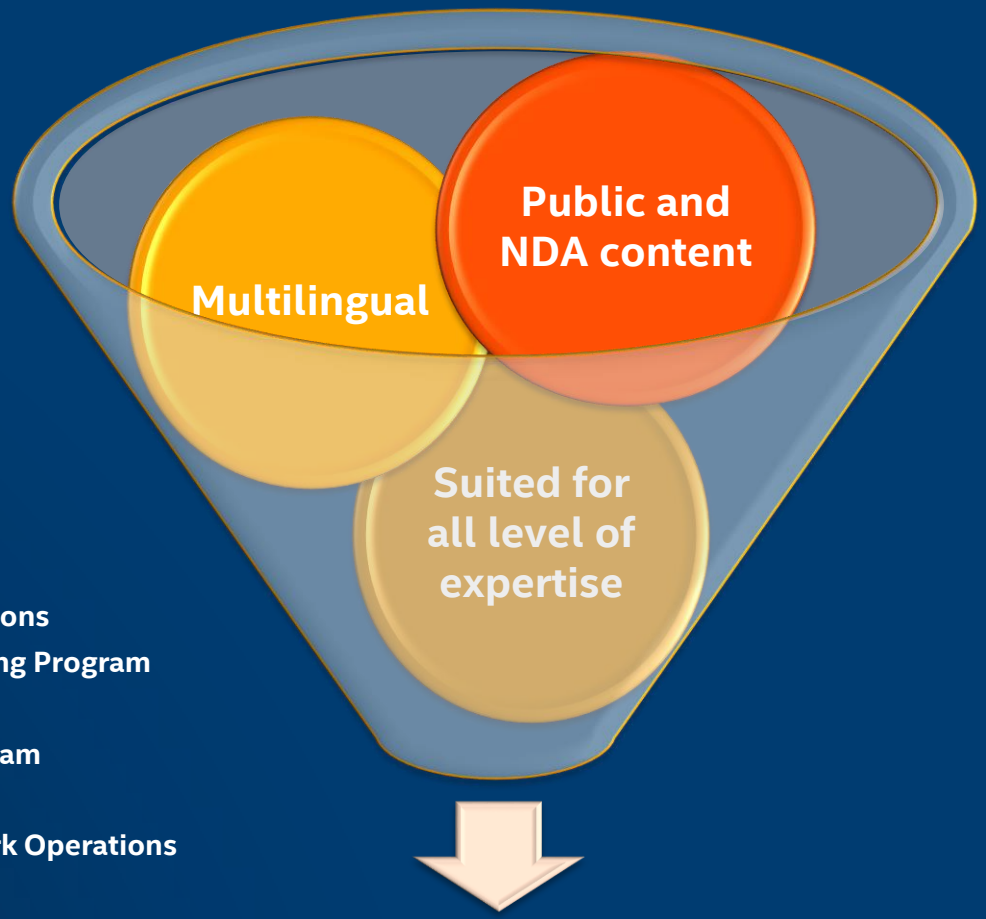
- Intel NDA Content
- CoSP Innovation Summits
- Early Access to Technical Training
- Face to Face Training Opportunities
- Reporting
- Customized Curriculum Paths
- Deep Dive Virtual Lab Technical Training

INTEL® NETWORK BUILDERS UNIVERSITY

Technical Education

Transforming The Network from Edge to Core

200+ Training Courses across 19 Programs



- Intel® Network Academy
- Basic Training Program
- Service Provider Program
- DPDK Program
- OvS Program
- Security Program
- MANO Program
- OpenStack Program
- vE-CPE Program
- Gi-LAN Program
- vEPC Program
- vIMS Program
- Intel® Select Solutions
- AI/Machine Learning Program
- Cable Program
- Visual Cloud Program
- QAT Program
- Virtualized Network Operations

Technical Programs Planned for Development

FlexRAN

Network Edge

5G

INTEL® NETWORK ACADEMY

A formal training program on network technologies to accelerate Network Transformation for Communications Service Providers and the Ecosystem that supports them.

Pertinent and timely training addressing real adoption challenges

100 LEVEL FOUNDATION LEVEL

Introductory Lessons and Fundamentals

Topic Areas:

- Consumers and Providers of Service
- Inside the Telco Cloud
- Network Functions Virtualization
- Software Define Networking
- VNF Operations
- VNF Development
- Intel Hardware and Software Benefits
- The Road Ahead

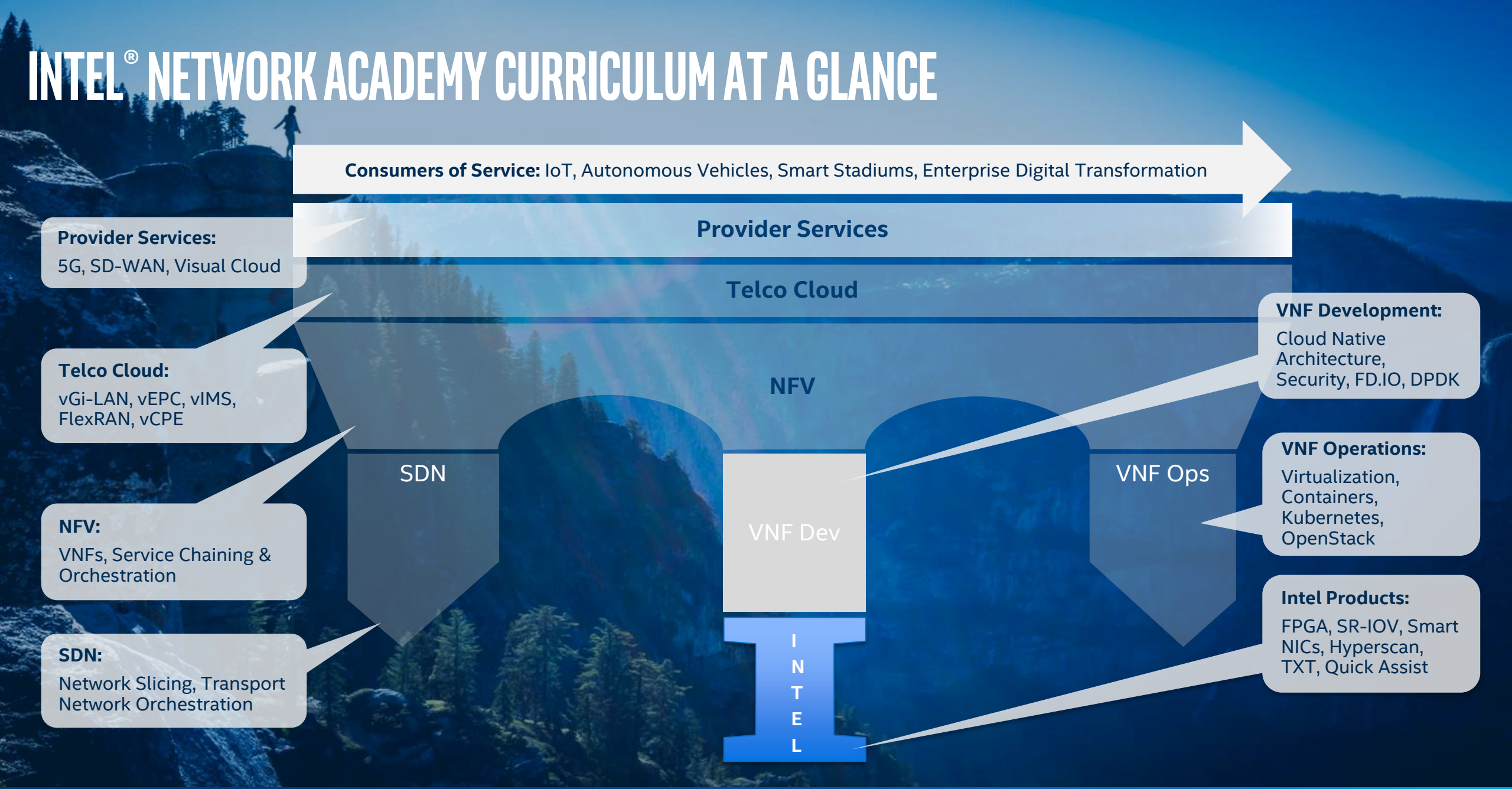
200 LEVEL INTERMEDIATE LEVEL

+

300 LEVEL ADVANCED LEVEL

being planned for 2020-2021

INTEL® NETWORK ACADEMY CURRICULUM AT A GLANCE



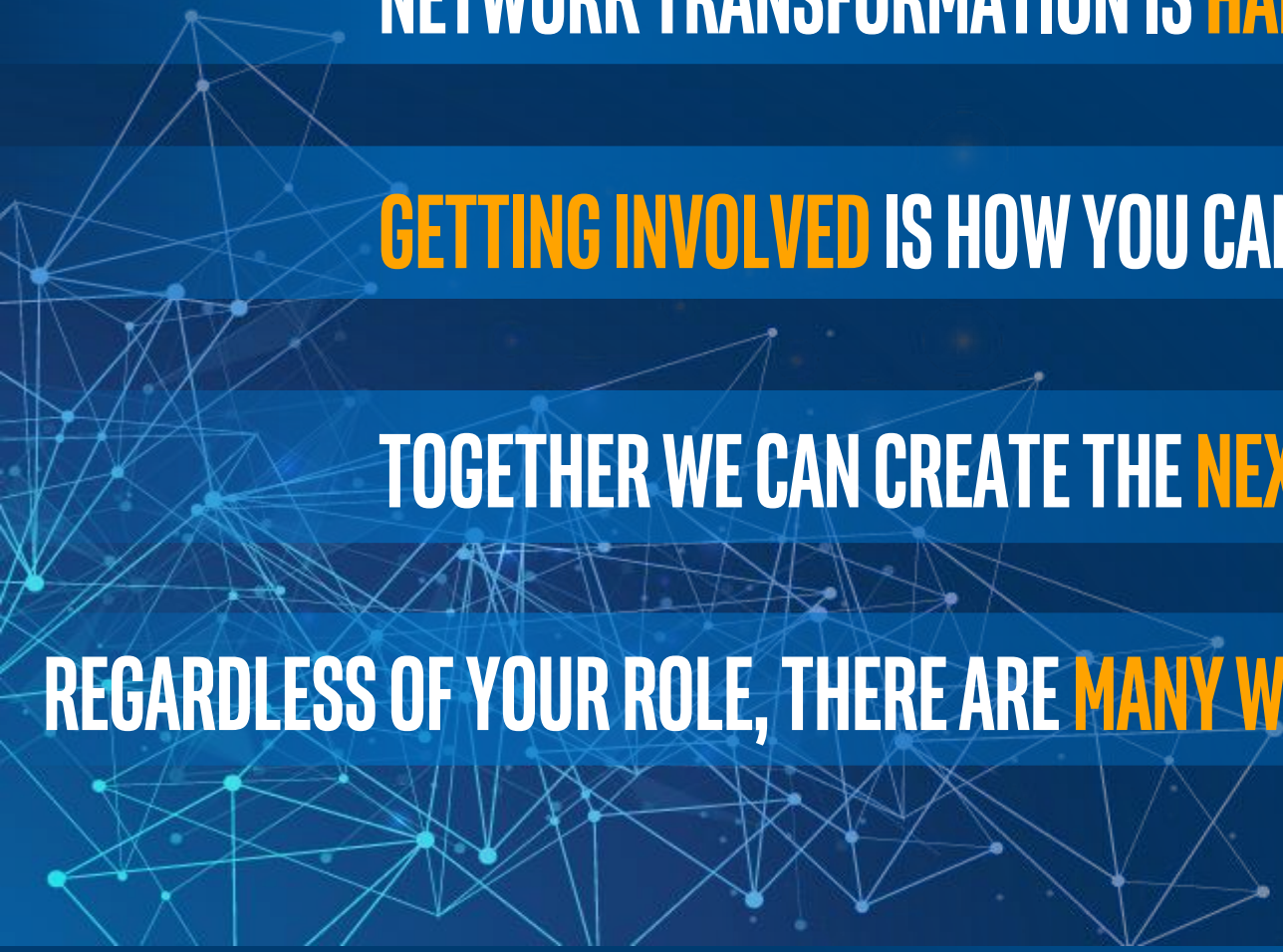
SUMMARY

NETWORK TRANSFORMATION IS HAPPENING NOW

GETTING INVOLVED IS HOW YOU CAN MANAGE THIS TRANSFORMATION

TOGETHER WE CAN CREATE THE NEXT GEN NETWORKS ERA

REGARDLESS OF YOUR ROLE, THERE ARE MANY WAYS TO CONTRIBUTE TO THIS TRANSFORMATION



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HOW TO JOIN INTEL® NETWORK BUILDERS

- Contact Intel Network Builders team and let us know if you are interested in our program
- You will be notified of acceptance in the program based on discovery meeting
- Sign up to the program following the instructions we'll provide. There are no membership dues or fees associated with program

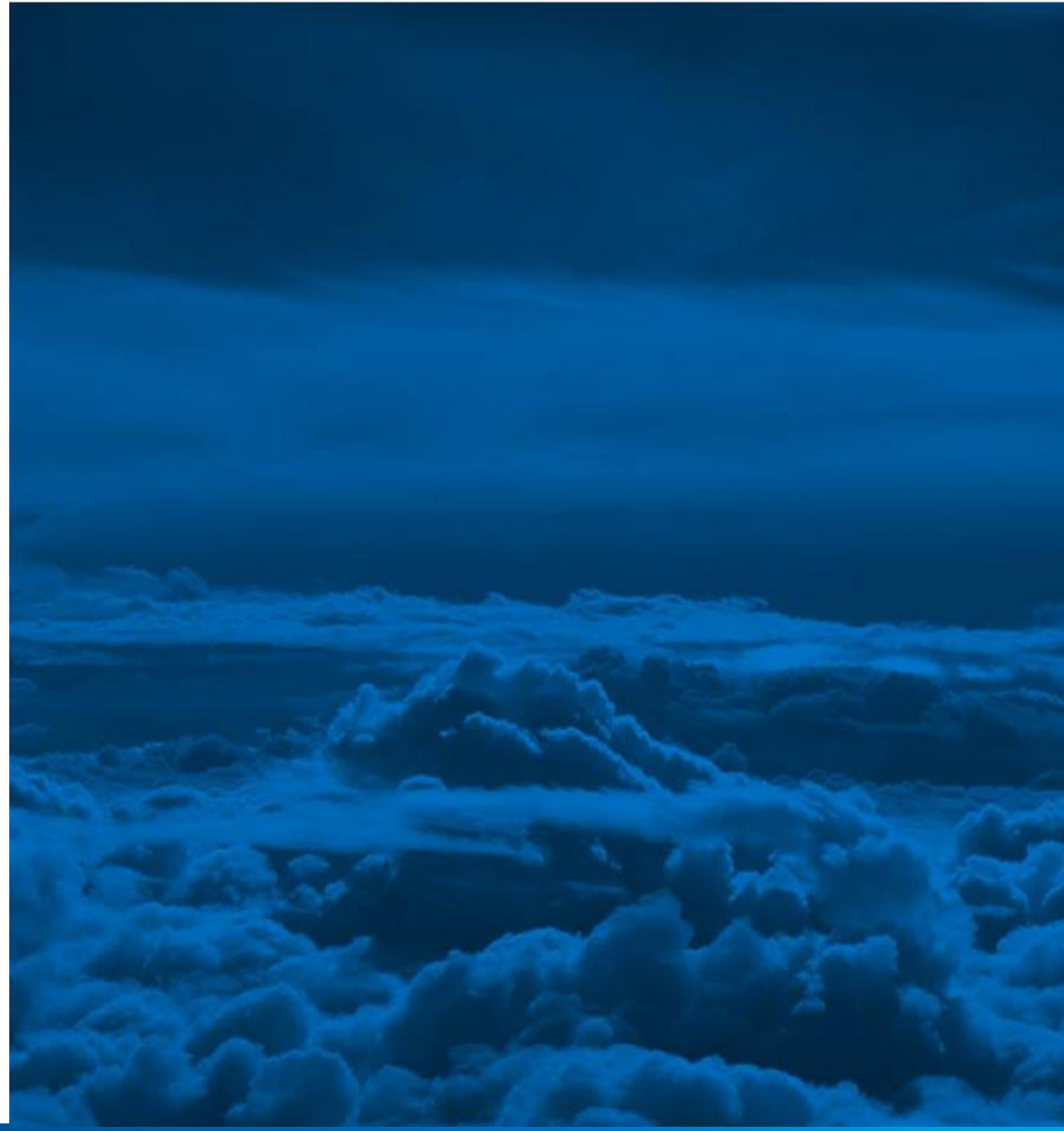
FOR MORE INFORMATION

Intel Builders University
https://builders.intel.com/university

Intel Network Builders University
https://builders.intel.com/university/networkbuilders

Feedback or Support on Existing or Planned Training Courses
university@builders.intel.com

George Ranallo
George.J.Ranallo@Intel.com



ENGAGE

Team up with Intel today and learn how to leverage Network Builders University as a primary platform for technical training and as a true accelerator of network transformation

DISCLAIMER

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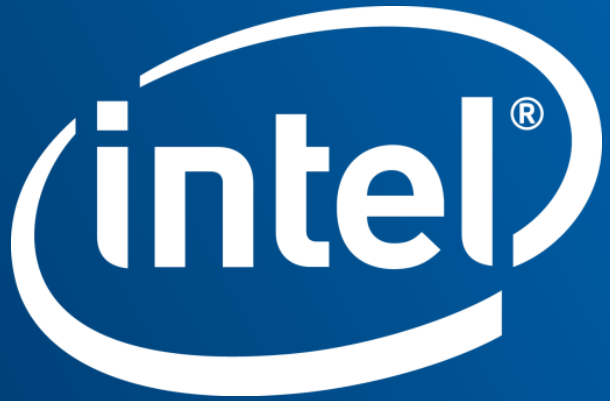
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