

INTRODUCTION TO OPEN NETWORK EDGE SERVICES SOFTWARE (OPENNESS)

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RISE OF THE INTELLIGENT EDGE

Edge computing: Placement of Data Center-grade network, compute & storage closer to the endpoint devices



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SERVICES AT THE EDGE: INDUSTRY DYNAMICS



SERVICES AT THE EDGE: THE CHALLENGE STATEMENT





OPENNESS

An open source software toolkit to enable easy orchestration & management of edge services across diverse network platform and access technologies in multi-cloud environments







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An open source software toolkit to enable easy orchestration & management of edge services across diverse network platform and access technologies in multi-cloud environments





OPENNESS: MICROSERVICES BASED ARCHITECTURE





OPENNESS: VALUE PROP TO SERVICE PROVIDERS

Open Source

- Faster TTM
- Rapid prototyping & trial
- Optimized for Edge Services Management
- Broad industry innovation
- Invest in differentiation only

Flexible

 Leverage your existing infrastructure Modular architecture; adopt what you need • Support for major industry frameworks

Rich Ecosystem

• Rich ecosystem options of OS, Orchestrators, Apps, ... • Pre-integrated with major commercial offerings



OPENNESS: VALUE PROP TO THE DEVELOPERS

Application Developer

- Transport apps from Cloud to Edge
- Write once deploy anywhere on the Edge
- Match make platform and apps

Facilitates extending apps from cloud to Edge - abstract complexity



Platform Developer

- Orchestrate Edge Services at scale
- Access to real-time telemetry
- Application service chaining
- Commercial versions in the making
- Flexibility of microservices architecture

Makes network platforms Edge Services aware



HOW TO GET STARTED

Free Software Download

Training

Commercial Releases for Faster TTM Get access to Open Network Edge Services Software (OpenNESS) at <u>OpenNESS.org</u>

Documentations:

- <u>Architecture Overview</u>
- User Guides
- OpenNESS White Paper
- OpenNESS Overview Webinar/Video
- Other Developer Resources <u>here</u>
- Available for Enterprises
- Commercial versions in the making
- Intel[®] Network Builder University Training
- Partner Webinars in the making



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