

OPEN POSSIBILITIES.

OCP Telco and Edge Welcome/Overview



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NOVEMBER 9-10, 2021

Telco/Edge Track Overview

Craig White, Nokia

Loren Staley, Edgeworks Networks

Jim Nelson, Flex



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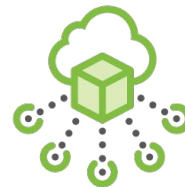
Scope of the Telco Project

- **Promote Product Designs that meet the requirements for deployment into Telecom/Carrier Data Center Environment**
19 Approved Contributions + Draft Specs and White Papers
- *Project Chair(s): **Loren Staley (Edgecore Networks)** **Marko Hokkanen (Nokia)***
- *IC Representative: **Craig White (Nokia)***
- *Project URL: <https://www.opencompute.org/projects/telco>*
- *Meetings: 1st Thursday of the month (alternates between US and SE Asia focused times)*
- *Maillist: OCP-Telco@OCP-All.groups.io*

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Scope of the Edge Sub-Project

- ***Extension to the Telco Project to promote product designs with a special focus on the requirements of Edge deployments***
Dimensions, Power Budget, Cooling, Networking, Acceleration
Originally focused on the openEDGE form factor,
but now open to other Edge-based designs/form factors
- *Project Chair(s): **Scott Allen (Nokia), Jim Nelson (Flex)***
- *Project URL: <https://www.opencompute.org/projects/edge>*
- *Meetings: 2nd Tuesday of the month*
- *Maillist: OCP-Edge@OCP-All.groups.io*

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Recent Contributions

- *Nokia White Paper: Open Edge Solution Blueprint*
- *Nokia White Paper: Open Rack Solution Blueprint*
- *Nokia Open Edge Switch Specification*

- *Edgecore AS5915-18X Disaggregated Cell Site Gateway (DCSG) Specification*
- *UfiSpace S9501 Series Disaggregated Cell Site Gateway (DCSG) Specification*
- *UfiSpace S9500-22XST Disaggregated Cell Site Gateway (DCSG) Specification*



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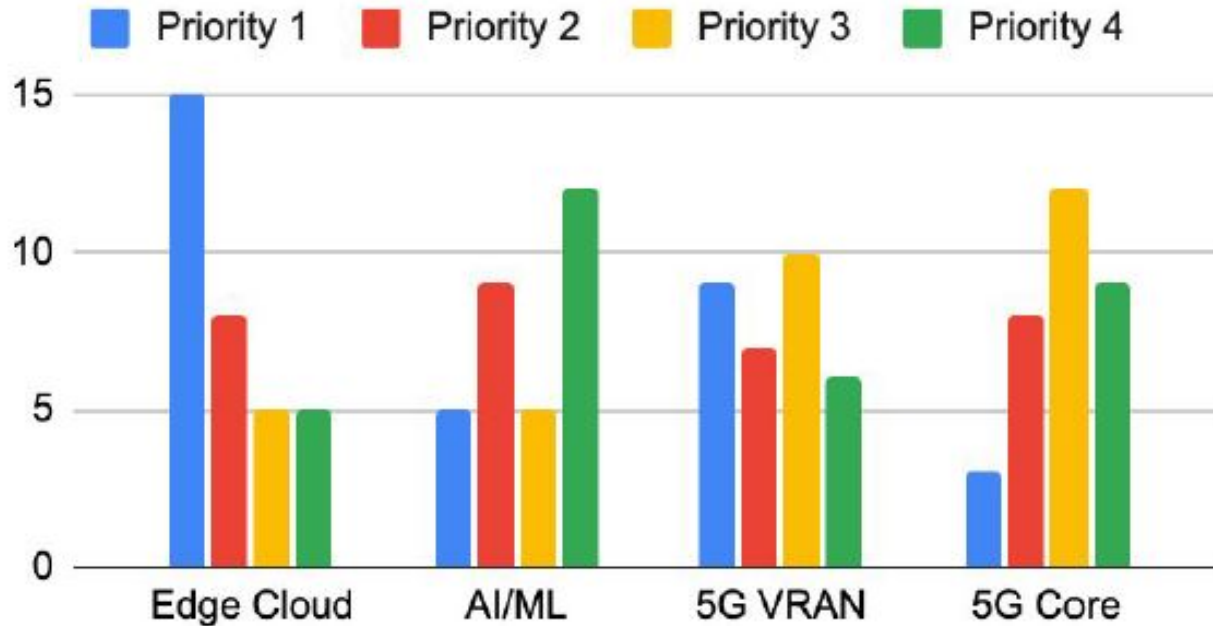
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Which of the following use cases is the most relevant to you for the Telco Project?



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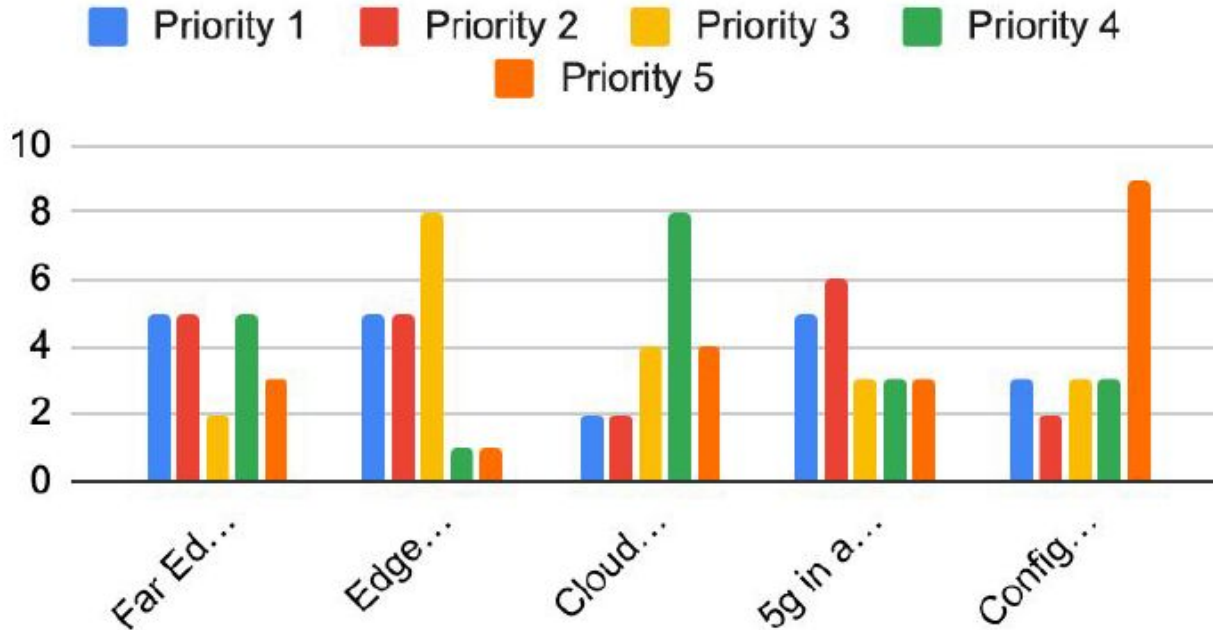


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Which of the following deployment models is the most relevant to you for the Telco Project?



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Telco/Edge Schedule – November 10

Time	Presentations	Presenters
1:00-1:25 pm	Telco/Edge Project Overview	Loren Staley Marko Hokkanen Craig White Jim Nelson
1:25-2:00 pm	Radio Cloud OpenEdge Server Design	Tomi Mannikko - Nokia
2:00-2:25 pm	A Framework For Upgrading Whitebox Firmware in a Distributed Disaggregated Chassis Implementation from a Service Provider Perspective	Prasanna Ramachandran - AT&T
2:25-3:00 pm	NextGen OpenEdge Server Design	Samuli Toivola - Nokia
3:00-3:15 pm	Open Aggregation Router for a Flexible Fronthaul Network	Kei Lee - UfiSpace
3:15-3:30 pm	A Distributed Disaggregated Chassis Model – Evolution – Version 2.0	Prasanna Ramachandran - AT&T
3:30-4:00 pm	Reference Clocks in 5G and Time Sensitive Applications	Ullas Kumar - Rakon
4:00-4:50 pm	PANEL: Challenges Facing 5G vRAN Providers and Open-Source Solutions	Jim Nelson - Moderator Umer Chaudhary - Amazon Sidd Chenumolu - Dish Networks Kaustubh Joshi - AT&T Azita Arvanni - Rakutan



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Call to Action

Where to find additional information:

Project Wiki with latest specification :

<https://www.opencompute.org/wiki/Telco>

<https://www.opencompute.org/wiki/Telcos/Edge>

Mailing lists:

<https://ocp-all.groups.io/g/OCP-Telco>

<https://ocp-all.groups.io/g/OCP-Edge>

Where to buy:

<https://www.opencompute.org/products>

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Thank you!



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