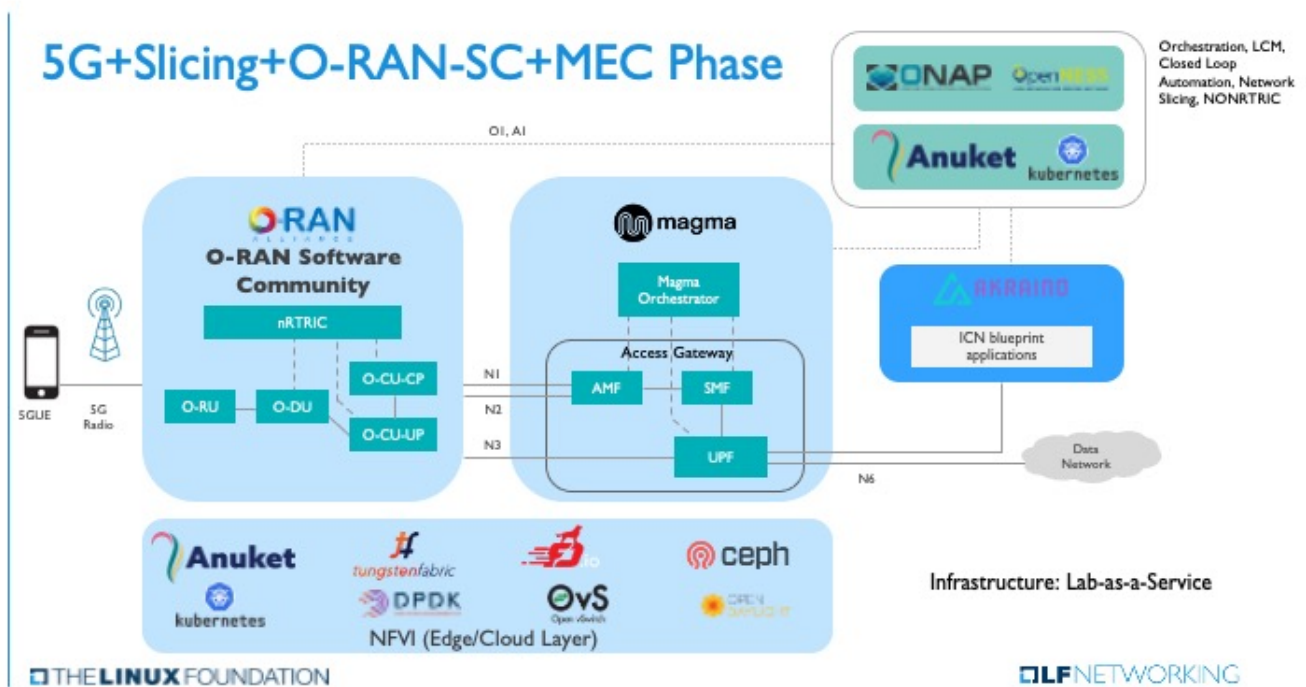


5G Super Blueprint Whitepaper



Goals and key takeaways

- Share the message that open source projects now provide all the necessary building blocks for modern 5G networks.
- Show the value of each open source project in the context of a 5G network service.
- Encourage end users (operators, system integrators, vendors) to adopt more open source components in their solutions, from the LFN and broader open source scene.
- Suggest how projects may be integrated while leaving enough flexibility to other integration approaches.
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Target audience

- System designers/consultants/architects who would like to understand how open source can be leveraged when building networks for:
 - Operators
 - Enterprise (private 5G)
 - Industry 4.0
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- Operators and enterprises who plan to deploy 5G networks and would like to learn how to benefit from the security, maturity and efficiency of open source software.
- ...

Document outline (TOC)

1. Introduction

<Why open source is ripe for deployment in 5G networks?>, <What are the requirements of 5G networks?> <What are the relative advantages of LFN projects over other FOSS projects in this domain?>

2. Brief description of each involved project

<Functionality provided> <Main interfaces> < Key technologies used>,...

3. Interfaces and integration points in the 5G super blueprint

<Describe the roles and responsibilities of the modules in each side of any north-south or east-west interface>

4. Flows in the blueprint

<Set up> <Service deployment> <Day1/Day2 configuration> <Closed loop automation>...

5. Conclusions and takeaways

6. Calls for action

<Deploying the blueprint> <Enriching and improving the blueprint> <Creating similar blueprints> <contributing to the projects>,...