

Cetin Serbia - Implementation of AAA for Mobile and Fixed Internet for Cetin and Yettel - A story through client's lenses

logate

Cetin Serbia is a Serbian telecommunications provider, a member of the PPF group from Czech Republic. Cetin is the provider of fixed and mobile infrastructure services to telco oper, ISPs and other companies in Serbian and regional market.

Cetin Serbia provides Infrastructure as a Service (IaaS) by owning and operating the infrastructure part of one of the largest GSM/UMTS/LTE and LTE Advanced mobile telecommunication infrastructure in Serbia on more than 2300 locations across the country and fixed network of more than 6000 km of fibre optics in the country and region, aiming to further improve service quality in terms of availability, reliability, safety, capacity and consistency. (Source: <https://www.cetin.rs/about-us/>).

Yettel Serbia (formely Telenor Serbia) is the main provider that runs all its radio access technologies on Cetin infrastructure.

OpenProvider AAA key benefits for Cetin and Yettel:

- AAA functions for different types of Yettel's Mobile Broadband and Fixed Broadband services are now performed by Logate OpenProvider AAA system.
- Replacement of legacy AAA platforms
- Single AAA platform for multiple access technologies
- Active-active load sharing mode of work
- Implementation of vCDB that is based on Cassandra database
- Enabling responding to client needs in near real time

"Unlike many well-known, international brands, OpenProvider can be quickly customized for non-standard use cases. Compared to our previous AAA solution, OpenProvider is more flexible, cost-effective, enables near real-time response to customers' needs, and enables easier integration with any external system, including OSS/BSS systems. We would warmly recommend Logate for their flexibility, in-depth telco expertise and genuine customer-centric approach. Through our collaboration, there have been many changes in the initial project plan, to which they have successfully adapted and managed to always find the simplest solution to newly imposed challenges."



Bojana Jovanović
Senior IP Transport Network Planning Expert,
Cetin Serbia

Project Background

Logate started the collaboration with Cetin Serbia in 2021, after determining that our expertise matches client's needs and requirements. Our project collaborator, Bojana Jovanović, Senior IP Transport Network Planning Expert from Cetin was there in every step of the way, so we invited her to tell the story of our collaboration and project deliverables.

Collaboration and deliverables through the client's lenses

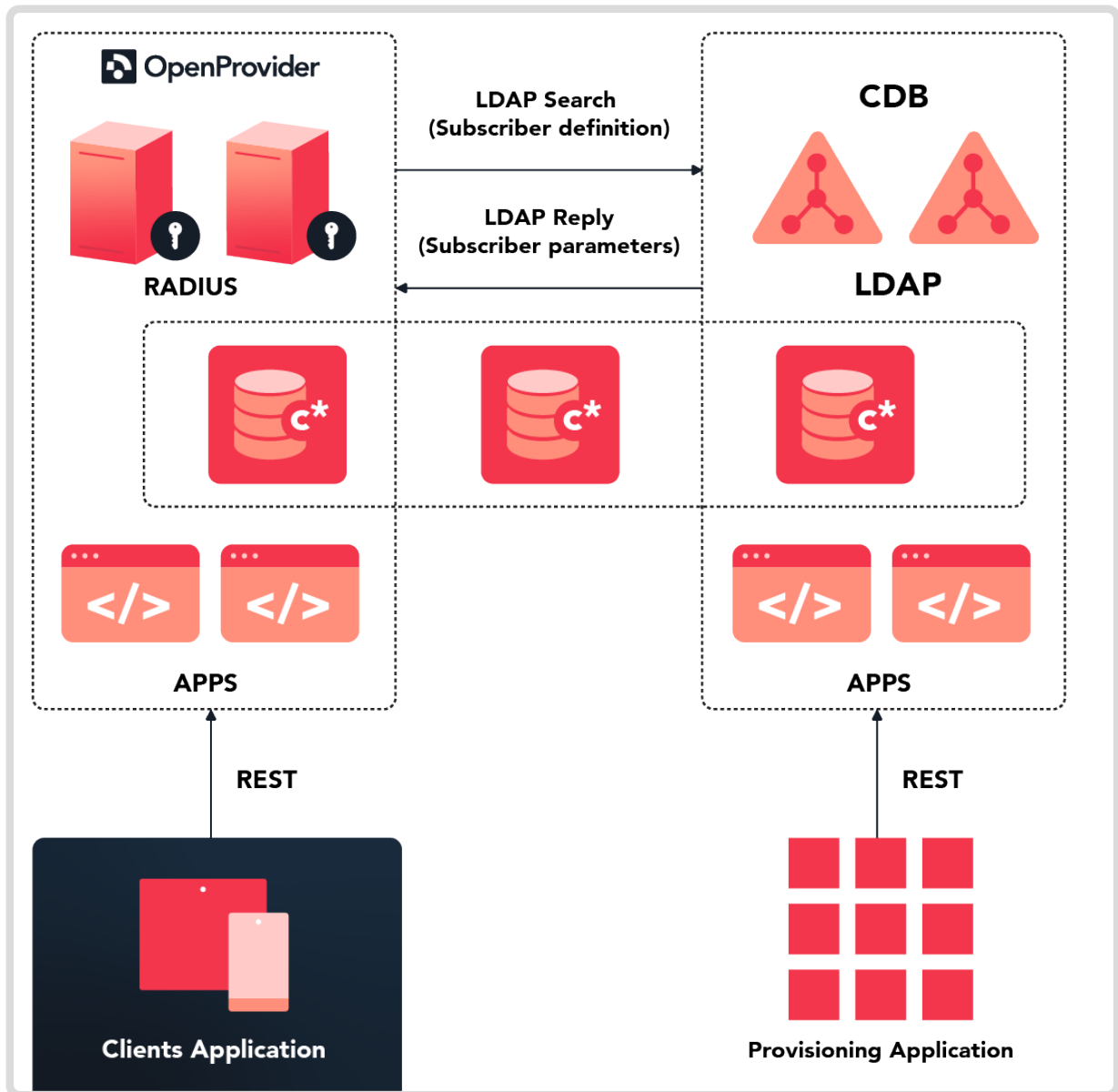
What are your impressions on collaboration with Logate team during project planning, initiation, implementation and follow up?

Bojana: From the very beginning of the project, Logate team demonstrated high expertise in the domain, as well as high devotion and motivation. Logate's OpenProvider solution proved to be exceptionally flexible and customizable. Logate assigned dedicated experts to follow implementation project in all phases, including requirement analysis. They even took part in discussions with our customer Yettel, helping us to achieve better understanding of customers' requirements. They supported us in the complex process of mapping numerous additional customer's requirement into technical features.

The scope of the main project was implementation of OpenProvider AAA as a convergent fixed-mobile solution and migration of existing services from previous AAA. During this project, Logate was constantly improving existing services and introducing new benefits for operations teams in both CETIN and Yettel. The migration project overlapped with other modernization projects in Yettel and Cetin, which caused frequent changes in the project plan and delays from CETIN/Yettel side. In spite of such unfavourable circumstances, Logate team was able to accommodate quickly to all changes in requirements and time plan. They demonstrated agility and devotion throughout the entire process.

DNS secure service implementation for mobile services

During the main migration project, Yettel decided to initiate a new project and introduce new security service. Implementation of new service heavily relies on AAA's capability to differentiate subscriber profiles. AAA is supposed to receive information from external system and assign specific parameters on subscribers' sessions accordingly. This new requirement significantly changed initial plan and scope of the initial project. Logate's team helped us define the simplest solution by easily adopting required changes and developing new features on the fly, without interruption or discontinuation of live subscribers' sessions.



Solution competitive advantage and strengths

How is OpenProvider different from the AAA solution that your company has used so far?

Bojana: Unlike many well-known, international brands, OpenProvider can be quickly customized for non-standard use cases. Comparing to our previous AAA solution, OpenProvider is more cost effective and enables easier integration with any external system, including OSS/BSS systems.

What are the main strengths and advantages of Logate team and our product, and why would you recommend OpenProvider to companies in need of a similar solution?

Bojana: The main strengths are flexibility and genuine customer-centric approach. We would recommend OpenProvider AAA and Logate team to anyone seeking for professional services, expertise, excellent support and reliable, future-proof solution.

Project Results

Cetin Serbia implemented the OpenProvider AAA solution that encompassed:

- vAAA for Fix services (DSL, FTTx, VPN) - Multivendor environment with Cisco and Nokia BNGs
- vAAA for mobile services with static and dynamic IP addresses assignment
- CDB for Fix services LDAP cDB
- The same CDB for special Mobile services as well
- DNS secure service implementation for mobile services
- Deployed in 2021. Ongoing subscription and SLA.

TEAM CAPABILITIES



Solution design



Project management



System integration



Data migration



Training and education



24x7 remote support

About us

16

years on the market

20^M

Millions of subscribers on our AAA platform

80⁺

80+ years of collective experience

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