Nokia and DISH to Deploy First 5G Standalone Core Network in the Public Cloud with AWS

Nokia builds on relationship with DISH and AWS as DISH deploys the United States' first standalone, 5G cloud network on public cloud

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Dallas, Texas -- Nokia today said it will deploy its 5G Standalone (SA) Core for DISH on Amazon Web Services, Inc. (AWS). While DISH previously announced agreements with both companies, this news marks the world's first deployment of 5G in the public cloud, supporting DISH's cloud-native, OpenRAN-based 5G network with high-level scale, performance and security.

Nokia is deploying 5G SA Core on AWS to enable automation required to meet evolving customer needs, allowing DISH to support new enterprise and consumer 5G use cases quickly, securely and across multiple cloud stacks at end customer premises. Nokia 5G SA Core on AWS allows DISH to offer the responsiveness, flexibility and efficiency that is needed to create innovative new services for its customers, while leveraging automation for ongoing operations and unlocking crucial capabilities, such as network slicing.

Nokia is providing voice core, cloud packet core, subscriber data management, device management and NetGuard network security, as well as professional end-to-end security services for DISH. These solutions provide DISH the speed, flexibility and intelligence to deliver new, 5G-era services while cost-effectively managing its network with near zero-touch automation and adherence to Service Level Agreements compliant to DISH Service-Based Architecture (SBA).

Marc Rouanne, Chief Network Officer, DISH, said: "Running the Nokia 5G SA core on AWS will optimize our network operations to launch new software and services rapidly and efficiently, enabling the integration of countless innovative use cases for customers. This collaboration is an important step forward on our mission to deploy the United States' first cloud-native, OpenRAN-based 5G network."

Dave Brown, Vice President, Amazon EC2, AWS, said: "DISH's cloud-native 5G network serves as a prime example of how new carriers can revolutionize wireless connectivity in the 5G era. DISH is continuing to put innovation first with an eye on customer experience via this standalone core deployment on AWS with Nokia."

Raghav Sahgal, President, Cloud and Network Services, Nokia, said: "We are pleased to break new ground in the telecom industry with AWS and DISH leveraging our cloud-native core to bring innovative 5G capabilities to enterprises and consumers. This collaboration places AWS and DISH at the forefront of the industry, delivering key 5G benefits such as agility and scalability to their customers over Nokia's proven distributed core architecture."

Resources

- Webpage: Nokia 5G Core
- Webpage: Nokia NetGuard Security
- Webpage: Nokia Device Management

About Nokia

We create technology that helps the world act together.

As a trusted partner for critical networks, we are committed to innovation and technology leadership across mobile, fixed and cloud networks. We create value with intellectual property and long-term research, led by the award-winning Nokia Bell Labs.

Adhering to the highest standards of integrity and security, we help build the capabilities needed for a more productive, sustainable and inclusive world.

About DISH

DISH Network Corporation is a connectivity company. Since 1980, it has served as a disruptive force, driving innovation and value on behalf of consumers. Through its subsidiaries, the company provides television entertainment and award-winning technology to millions of customers with its satellite DISH TV and streaming SLING TV services. In 2020, the company became a nationwide U.S. wireless carrier through the acquisition of Boost Mobile. DISH continues to innovate in wireless, building the nation's first virtualized, O-RAN 5G broadband network. DISH Network Corporation (NASDAQ: DISH) is a Fortune 200 company.

For company information, visit about.dish.com.