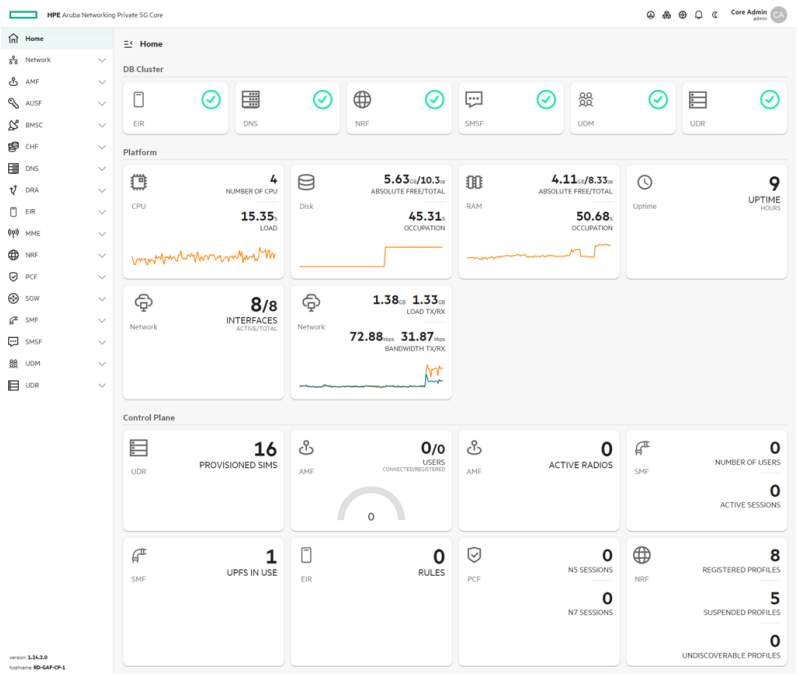
HPE Networking Private 5G Voice Services



Overview

Do you need to easily deploy and scale voice and video services over private mobile networks? HPE Aruba Networking Private 5G Voice Services is a proven, intuitive solution that combines the power of VoLTE and VoNR voice and video services to deliver a local IP Multimedia Subsystem (IMS) for voice and communication services of private networks. Developed using 3GPP standards and 5G-ready for VoNR, HPE Aruba Networking Private 5G Voice Services can be integrated with a 4G/5G core as well as IP-PBX and other SIP networks for highly reliable voice, video, and SMS services. Simplify operations and maintenance with a comprehensive solution that supports communication services across multiple devices and types of networks.

Features

Easy to Adopt Voice Communication Services

HPE Aruba Networking Private 5G Voice Services allows clients to bring the powerful of VoLTE and VoNR high quality voice and video services across multiple types of devices and networks.

Manage the session control, authentication, routing, registration, and session establishing to provide reliable native voice and video services to LTE or 5Gterminals.

Integrate with enterprise IP-PBX and any external network based on SIP protocol.

Simplified and Open Architecture Enables Efficient Operation and Maintenance

HPE Aruba Networking Private 5G Voice Services is resilient and can be interconnected with legacy external networks via IP-PBX to send/receive calls.

Through a reliable web-based GUI and API, enterprises can benefit from more effective operations, administration, and management (OAM) through the application interface or via OSS.

Integrates with any management system using REST API for ease of operations.

Proven, Reliable, and Compact Voice Services

Unifies VoNR and VoLTE in a single platform and has a proven track record of over 10 years.

Deploy using a single virtual machine for greater efficiency.

Scales up to thousands of registered devices and large volumes of concurrent sessions.

Automated Installation, Configuration, and Provisioning

Exposes HTTP API to provide consistent and predictable configuration and provisioning.

Configuration manager and templates can be used to automate VM deployment and configuration.

Features a default configuration with a minimum set of parameters to efficiently bring up VoLTE for private networks.

HPE Aruba Networking Services

HPE Aruba Networking services simplify and accelerate the network technology lifecycle, enabling your network to scale with better predictability and cost-effectiveness. Whether you operate your own network and need to improve your IT efficiencies, or you want to offload some of the burden, we have the services you need to reach your goals.

Learn more about what HPE Services - Aruba Networking has to offer at: hpe.com/edge/services

Support Services

Our support portfolio provides the essential support elements as well as proactive and preventive features to help you improve your team's productivity and get the most from your network. Our support customers benefit from faster issue resolution, simplified operations and efficiencies, and reduced network issues.

Professional Services

With deep intellectual capital and purpose-built tools, our team delivers a range of standard and custom professional services designed to accelerate your value from HPE Aruba Networking technology.

Project based services include:

— Planning, audit, and assessment
— Architecture review and design
— Deployment, migration, and knowledge transfer

Annual subscription services include:

— Network optimization
— Intelligent Operations
— Customer Experience Management

Our Education Services allow your team to come up to speed quickly.

GreenLake for Networking

Deliver innovative business outcomes by leveraging new ways to consume, deploy and manage networks.

For additional technical information, available models and options, please reference the QuickSpecs

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PSN1014769363UKEN, November, 2026.

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