



Radiator Policy and Charging Pack

Data Sheet

Radiator is the leading solution for authentication, authorisation, and accounting (AAA) which allows you to control access to your wired and wireless networks comprehensively and efficiently. Thousands of companies and organisations around the world use Radiator for their AAA needs.

Radiator Policy and Charging Pack extends Radiator by allowing direct connections to your 3GPP infrastructure through Diameter interfaces - a protocol commonly used in telecommunication systems. Radiator Policy and Charging pack includes support for different policy and charging related interfaces and implementations specified by the 3GPP. The existing authentication, authorization and accounting features in Radiator are available for Diameter - RADIUS integration. Examples of use include Wi-Fi offloading, integrating Diameter online and offline charging with RADIUS based infrastructure, integrating RADIUS accounting with Diameter online and offline charging and much more.

Features

- 3GPP Diameter Gx interface for server and client side
- Extensible PCRF implementation for Gx
- Extensible PCEF implementation for Gx - RADIUS integration.
- Extensible PCEF implementation for Gy - RADIUS integration.
- PCEF usage monitoring supports RADIUS accounting and WiMAX-PPAQ (prepaid accounting)
- Time and octet based usage monitoring for Gx - supports access network (e.g., LTE or WLAN) level quota
- 3GPP Diameter Gy interface for server and client side
- Extensible OCS for Gy
- Extensible Gy client side implementation for Gy - RADIUS integration
- 3GPP Diameter Gz interface for server and client side
- Extensible OFCS for Gz
- Extensible Gz client side implementation for Gz - RADIUS integration
- IPv4 and IPv6 support
- TCP and SCTP for both IPv4 and IPv6
- Advanced Radiator Diameter server software
- Diameter relay application
- Equipment Identity Register (EIR) generic, client and test server support
- Includes all features of Radiator AAA Server Software

Interoperability

- Interoperable with any device that uses RADIUS, TACACS+ or Diameter
- Wide range of vendor-specific extensions
- Proven compatibility with telco equipment from all major vendors.

Supported Platforms and Minimum System Requirements

- Unix, Linux, RHEL/CentOS/Oracle Linux 6/7/8, Ubuntu 16.04 LTS/18.04 LTS/20.04 LTS, Debian 9/10, SUSE, Solaris 10/11, Windows 7/8/8.1/10, Windows Server 2008/2012/2016/2019, Mac OS X, VMS
- Perl, on Windows ActivePerl from ActiveState or Strawberry Perl
- Memory, CPU and disk space dependent on the use case and configuration. Runs on virtual and non-virtual servers

Services Available

- Flexible licensing options ranging from perpetual licences to transaction-based and flat rate licensing. Licences include the first year access to new releases and patches (renewal annually)
- Email and telephone support
- Remote and onsite installation and consulting
- Training

Additional Modules

Radiator Policy and Charging Pack can be combined with our other carrier products:

- Radiator SIM Module (VoWiFi, EAP-AKA, EAP-AKA', EAP-SIM)
- Radiator GBA/BSF Module (VoLTE Authentication)