
RIPng Protocol Module

Overview

IP Infusion's ZebOS® Network Platform RIPng (Routing Information Protocol next generation) Protocol Module is portable software that implements the industry-standard Routing Information Protocol for IPv6. The RIPng Protocol Module is built on the ZebOS Network Services Module (NSM) and is IETF compliant.

Clients can use IP Infusion's RIP solution in embedded equipment and on standard server platforms. This control-plane software module can also integrate into a range of network processor environments. ZebOS is pre-configured to support many popular processors and operating system environments.

Features

- Static Routes Support
- Basic Timer Configuration Support
- Route Filtering
- Route Redistribution
- RIP Neighbor Configuration Support
- Split Horizon Support
- Poison Reverse Support
- Offset List Support
- Industry-standard command line interface (CLI)
- Flag to Control Metric Updates

Benefits

- Stable, robust implementation of RIPng
- Provides routing platform for any IPv6 routing device
- Can be used in both embedded equipment and on standard server platforms
- Delivers significant time-to-market advantage for customers
- Fully independent module that can be installed, configured, and upgraded separately
- Platform-independent implementation

Requirements

- ZebOS Network Services Module

Standards Support

- RFC 2080 — Routing Information Protocol Next Generation (RIPng)
- RFC 2453 — Routing Information Protocol Version 2 (RIPv2)

Standard Deliverables

- Source Code (written in ANSI compliant C)
- Installation Guide
- Configuration Guide
- Command Reference Guide
- Developer Guide