

ZebOS®
Advanced Routing Suite

RIPng Protocol Module

SKU ZOS-RIP6

Overview

IP Infusion's ZebOS® Advanced Routing Suite (ARS) 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.

In addition, IP Infusion's RIPng solution can be used in embedded equipment and on standard server platforms. It is a control plane software module that can also be integrated into a range of network processor environments, and is pre-configured to support many popular operating systems. The ZebOS ARS modules are written in the ANSI C programming language.

Features

- Static Routes Support
- Basic Timer Configuration Support
- Route Filtering
- Route Redistribution
- RIP Neighbor Configuration Support
- Split Horizon Support
- Poison Reverse Support

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

Supported Operating Systems

- Linux
 - MontaVista Professional Edition
 - NetBSD
 - VxWorks® *
- * Requires IP Infusion TCP/IP Module.

Requirements

SKU	PRODUCT NAME
ZOS-NSM	ZebOS Network Services Module

Standards Support

STANDARD	FUNCTION
RFC 2080	Routing Information Protocol next generation (RIPng)

Standard Deliverables

- Source Code (written in ANSI compliant C)
- Installation and Configuration Guide
- RIPng Command References
- Developer Guides



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