



Preface

This document describes the concepts and tasks related to configuring the Virtual Firewall (VFW) application on the multiservice blade (MSB) in the Cisco XR 12000 Series Router.

The Cisco IOS XR Virtual Firewall (VFW) application runs on the Cisco XR 12000 multiservice blade (MSB). A dual-core CPU on the MSB runs the Cisco IOS XR software (standard edge engine code and firewall code) on core 1 and SanOS (Linux) with the Virtual Firewall application code on core 0.

The tasks in this document include two types of command sets:

- The Cisco IOS XR software used to configure the MSB for the virtual firewall and access the VFW application. The command prompt for Cisco IOS XR software commands is `RP/0/0/CPU0:router#`, where *router* is the router hostname.
- The SanOS (Linux) software used on the VFW application, which is slightly different from the standard Cisco IOS XR software syntax. The command prompt for SanOS (Linux) software commands is `firewall/Admin#`, where *Admin* is the context being configured. Refer to [“Appendix A: Using the Command-Line Interface on the VFW Application”](#) for more information.

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Changes to This Document

lists the technical changes made to this document since it was first printed.

Table 1 *Changes to This Document*

Revision	Date	Change Summary
OL-17331-01	March 2009	Initial release of this document.

Intended Audience

This document is intended for the following users:

- Experienced service provider administrators
- Cisco telecommunications management engineers
- Third-party field service technicians who have completed Cisco IOS XR software training
- Customers who use and manage routers running Cisco IOS XR software daily

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This product includes cryptographic software written by Eric Young (eay@cryptsoft.com).

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The implementation was written so as to conform with Netscapes SSL.

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