

WCCP

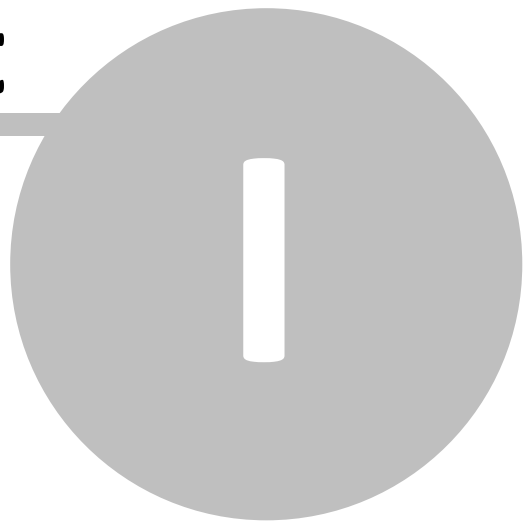
Exinda ExOS Version 6.3

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Part



1 Introduction

WCCP

Exinda Firmware Version: 6.3

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1.1 Using this Guide

Throughout the manual the following text styles are used to highlight important points:

- Useful features, hints and important issues are called "notes" and they are identified in a light blue background.

Note: This is a note.

- Practical examples are presented throughout the manual for deeper understanding of specific concepts. These are called "examples" and are identified with a light green background.

This is an example.

- Warnings that can cause damage to the device are included when necessary. These are indicated by the word "caution" and are highlighted in yellow.

Caution: This is a caution.

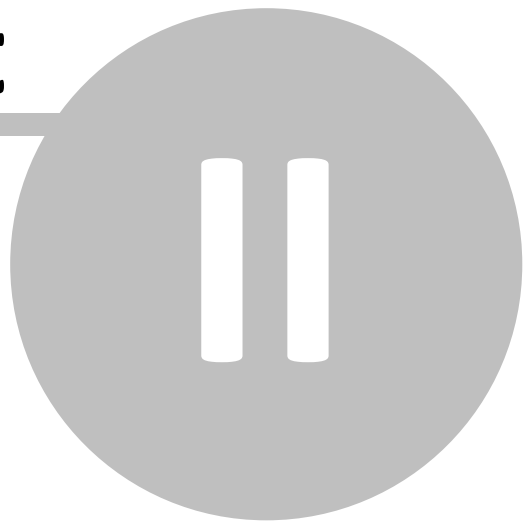
1.2 Further Reading

In addition to this How to Guide, the following relevant user documentation is available and should be read in conjunction with this guide:

- Exinda User Manual
- Exinda Topologies Guide

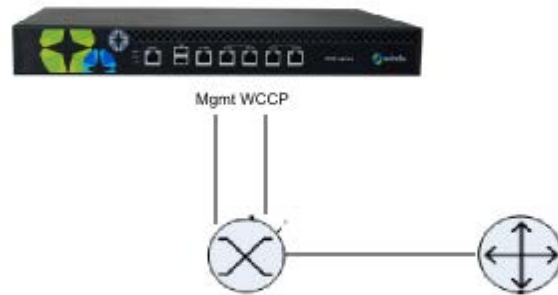
Please visit <http://www.exinda.com> for more information.

Part



2 Overview

The Exinda appliance can apply Application Acceleration to traffic routed using Web Cache Communication Protocol (WCCP) v2.

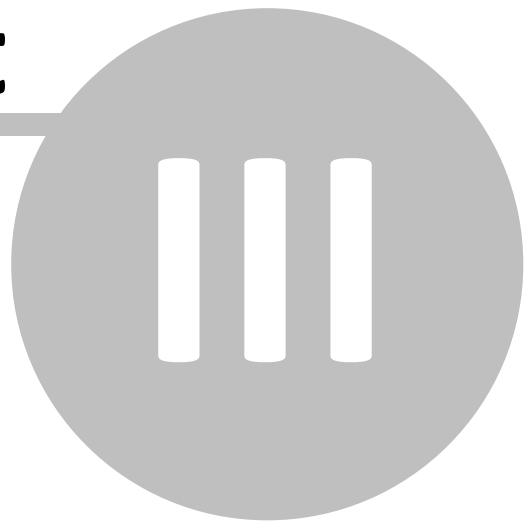


This topology is used when customers wish to apply Application Acceleration, but do not wish to install the Exinda appliance in-line.

Figure 1: Topology diagram showing how to cable MGMT and WCCP ports for WCCP

Note: Only TCP protocols are supported.

Part



3 Configuring WCCP

To use WCCP v2 to route traffic to the Exinda, you will need to configure both the Router and the Exinda appliance. To configure WCCP on the Router, consult your router documentation (e.g. for Cisco routers running firmware release 12.0T http://www.cisco.com/en/US/docs/ios/12_0t/12_0t3/feature/guide/wccp.html).

3.1 IP Settings

To enable WCCP on the Exinda appliance, use the CLI interface. The CLI can be accessed from the Web UI, advanced mode (System | Tools | Console) or via SSH, Telnet or Serial Port.

1. Assign an interface for WCCP.
2. For a unicast configuration, set the router IP address for each WCCP v2 service. If using multicast, set a group-address.

Example: Assign interface eth2 to accept WCCP v2 traffic with service class 10 from 192.168.0.1

```
> en
# configure terminal
(config) # wccp interface eth2
(config) # wccp service 10 router 192.168.0.1
```

Example: Assign interface eth2 to accept WCCP v2 traffic with service class 10 from multicast address 224.1.1.1

```
> en
# configure terminal
(config) # wccp interface eth2
(config) # wccp service 10 group-address 224.1.1.1
```

3. Configure Authentication if required. If a password has been configured for a service on the router, add that password on the Exinda

```
> en
# configure terminal
(config) # wccp service 10 password <password>
```

Use the "show wccp service" command to display the running state of a WCCP service on the Exinda.

3.2 Limitations

- Only TCP applications can be routed to the Exinda.
- The Router must support WCCPv2.
- Additional load is placed on the router.
- Routed traffic cannot be optimized.