

CSS 11000 Keepalives

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Introduction

This document provides information on Content Services Switch (CSS) 11000 Keepalives.

Prerequisites

Requirements

There are no specific prerequisites for this document.

Components Used

The information in this document is based on these software and hardware versions.

- Cisco CSS 11000 Series Content Services Switches
- Cisco WebNS

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Conventions

Refer to Cisco Technical Tips Conventions for information on document conventions.

HTTP Keepalive with GET

GET is issued to the backend service, and a checksum on the page is computed and stored by the switch as a reference point. Subsequent GETs require a 200 OK status, and they require that the checksum equal the reference checksum. If a non-200 status is returned (after the 15 second timer period) or if a 200 status is returned, but the checksum is different, the service is considered down. If the page that is accessed for the keepalive changes, suspend and activate the service for a new checksum to be calculated.

TCP Keepalive with POST

Refer to the HTTP Keepalive with GET section for more information.

HTTP Keepalive with HEAD

HEAD is issued and a 200 OK status is required. No checksum is computed for this type of keepalive.

This output provides a GET example:

```
service Web_Server
ip address 10.10.4.221
keepalive type http
keepalive method get
keepalive uri "/index.html"
port 80
protocol tcp
active
```

Keepalive Status

Issue the **show keepalive–summary** command in order to show all keepalives. Issue the **show keepalive [service]** command in order to see full keepalive details.

Related Information

- [Cisco CSS 11000 Series Content Services Switches](#)
 - [Technical Support – Cisco Systems](#)
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