

Memory pool size is not valid Allowed range from 2 to 512 Error Message Troubleshooting on the ASA

Introduction

This document describes how to troubleshoot the **Memory pool size is not valid Allowed range from 2 to 512** error message on the Cisco Adaptive Security Appliance (ASA).

Problem

When you enter the **url-block url-mempool 10240** command on the ASA in Multiple mode, you receive this error message:

```
ciscoasa(config)# url-block url-mempool 10240
Memory pool size is not valid
Allowed range from 2 to 512
```

Solution

The maximum URL buffer memory pool (**url-mempool**) size is set to 10,240 KB in Single mode on the ASA. However, in Multiple mode, each context can only have a maximum of 512 KB allocated to the **url-mempool**. This maximum value is hardcoded and cannot be changed.

Note: The maximum allowed URL size (configured with the **url-block url-size** command) must be less than the **url-mempool** size. As a result, before you increase the value of the **url-size**, you must increase the value of the **url-mempool**, dependent upon the mode in which the ASA runs.

Related Information

- [ASA FAQ: Can a transparent mode ASA be configured without an IP address on the bridge group?](#)
- [ASA FAQ: Can I configure more static NAT entries than the maximum number of concurrent connections for the given platform?](#)
- [ASA 5500 Series Adaptive Security Appliance FAQ](#)