

From 25d65f85dbe4885959a10471725ec9d250a589c3 Mon Sep 17 00:00:00 2001
From: Stig Palmquist <git@stig.io>
Date: Fri, 10 Apr 2026 00:31:51 +0200
Subject: [PATCH] CVE-2026-40198: Reject invalid uncompressed IPv6

_pack_ipv6() accepted uncompressed IPv6 addresses with fewer than 8 groups. This resulted in incorrect packed values affecting mask and comparison operations. Possibly allowing IP ACL bypass via find().

Lite.pm | 1 +
1 file changed, 1 insertion(+)

diff --git a/Lite.pm b/Lite.pm
index 0e2299f..acf8f0d 100644

--- a/Lite.pm

+++ b/Lite.pm

```
@@ -206,6 +206,7 @@ sub _pack_ipv6 {  
    return;  
}  
return if $ipv4 and @nums > 6;  
+ return unless $empty or @nums == ($ipv4 ? 6 : 8);  
$str =~ s/X/"0" x (($ipv4 ? 25 : 33)-length($str))/e if $empty;  
pack("H*", "00" . $str).$ipv4;  
}
```