

From b7166b1fa17b3b14b4c795ace5b3fbf71a0bd04a Mon Sep 17 00:00:00 2001  
 From: Stig Palmquist <git@stig.io>  
 Date: Fri, 10 Apr 2026 01:10:22 +0200  
 Subject: [PATCH] CVE-2026-40199: Fix IPv4 mapped IPv6 packed length

\_pack\_ipv6() incorrectly included the sentinel byte from \_pack\_ipv4() when packing IPv4 mapped addresses. This resulted in incorrect mask and comparison operations. Possibly allowing IP ACL bypass via find().

---

```
Lite.pm | 2 +-
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
diff --git a/Lite.pm b/Lite.pm
index acf8f0d..d52efaa 100644
```

```
--- a/Lite.pm
```

```
+++ b/Lite.pm
```

```
@@ -208,7 +208,7 @@ sub _pack_ipv6 {
    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;
+   pack("H*", "00" . $str).substr($ipv4, 1);
}
```

```
sub _unpack_ipv6 {
```