
Subject: [PATCH net-2.6.25][NEIGH]: Add a comment describing what a NUD stands for.

Posted by [Pavel Emelianov](#) on Thu, 10 Jan 2008 15:05:25 GMT

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When I studied the neighbor code I puzzled over what the NUD can mean for quite a long time.

Finally I asked Alexey and he said that this was smth like "neighbor unreachable detection".

Does it worth adding a comment helping future developers understand what's going on?

Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

```
diff --git a/include/net/neighbour.h b/include/net/neighbour.h
index 09f9fc6..bc34144 100644
--- a/include/net/neighbour.h
+++ b/include/net/neighbour.h
@@ -26,6 +26,10 @@
#include <linux/sysctl.h>
#include <net/rtnetlink.h>

+/*
+ * NUD stands for "neighbor unreachable detection"
+ */
+
#define NUD_IN_TIMER (NUD_INCOMPLETE|NUD_REACHABLE|NUD_DELAY|NUD_PROBE)
#define
NUD_VALID (NUD_PERMANENT|NUD_NOARP|NUD_REACHABLE|NUD_PROBE|NUD_STALE
|NUD_DELAY)
#define NUD_CONNECTED (NUD_PERMANENT|NUD_NOARP|NUD_REACHABLE)
```

Subject: Re: [PATCH net-2.6.25][NEIGH]: Add a comment describing what a NUD stands for.

Posted by [davem](#) on Fri, 11 Jan 2008 06:37:49 GMT

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From: Pavel Emelyanov <xemul@openvz.org>

Date: Thu, 10 Jan 2008 18:05:25 +0300

> When I studied the neighbor code I puzzled over what
> the NUD can mean for quite a long time.
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> Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

NUD is a common acronym in the IPV6 RFCs and various books
on the topic, but it doesn't hurt to add this comment so I
applied this patch thanks.
