

RE: Max UID's on RHEL 3

Source: <http://linux.derkeiler.com/Mailing-Lists/RedHat/2006-07/msg00030.html>

- *From:* "Esquivel, Vicente" <Esquivelv@xxxxxxx>
 - *Date:* Wed, 5 Jul 2006 08:37:38 -0500
-

Thanks for the reply, I see what you mean in saying that it might have been like that. Which is what prompted my question because I wasn't sure if it had changed now.

Anyone else have any input?

Vince

-----Original Message-----

From: redhat-list-bounces@xxxxxxxxxxx

[mailto:redhat-list-bounces@xxxxxxxxxxx] On Behalf Of Wayne Pinette

Sent: Tuesday, July 04, 2006 2:23 PM

To: redhat-list@xxxxxxxxxxx; Esquivel, Vicente

Subject: RE: Max UID's on RHEL 3

The following is nothing more than a guess and speculation :

<speculation type="mine">

It may be a throw back to the days when an int was 16 bit and userid's were an unsigned int in the kernel (65535 being your largest uid). I seem to recall an annoyance/bug in the NeXT OS in which the userid was defined as a signed int so the max uid was 32767, and nfs'ing between NeXT and Sun could be problematic if you had a userid of 44569, but I digress.

If this is in fact nothing more than a throw back, and uid in the linux kernel is now a long or unsigned long, then you will be able to have userid's up to $2^{31} - 1$ or $2^{32} - 1$. Im too lazy to look, maybe someone else knows.

</speculation>

Other than that, I have no idea :-).

Wayner

RE: Max UID's on RHEL 3

Esquivelv@xxxxxxxx 07/04/06 12:13 pm
>>>

I think I might have found the answer on my own, I tested my RHEL 3 server and I was able to increase the UID_MAX to almost any number I wanted and I was able to create accounts. The server kept on automatically assigning UID's to the accounts and I was able to login with the accounts just fine. I got all the way up to like 12345678901 as a uid and it allowed me to assign it.

Anyone have any input on this at all good or bad about huge amounts of accounts on a server?

Thanks all

Vince

-----Original Message-----

From: redhat-list-bounces@xxxxxxxxxxx

[mailto:redhat-list-bounces@xxxxxxxxxxx] On Behalf Of Esquivel,

Vicente

Sent: Monday, July 03, 2006 10:57 PM
To: General Red Hat Linux discussion list
Subject: Max UID's on RHEL 3

Hello all,

Is it possible to have more then 60,000 UID's(user accounts) assigned

on a RHEL ES 3.0 system? The systems by default has a UID_MAX of 60,000 in the login.defs file. Is it possible to have

more, if so how

many is the true max? What changes would I have to make to the system

to accept more? I hope someone can help as this is something we have

run into and need to try to fix promptly. Any advice on this would be

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greatly appreciated.

Thanks all in advance

Vince

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