

## Re: NIM push latency

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*Source:* <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2006-02/msg00022.html>

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- *From:* "Taylor, David" <[DTaylor@xxxxxxxx](mailto:DTaylor@xxxxxxxx)>
  - *Date:* Fri, 3 Feb 2006 17:17:15 -0600
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It appears to only occur with bosinst. Showlog works fine and occasionally a reset or deallocate can take a little while but, the bosinst always takes a LONG (literally 15–25 minutes) time. I did a little more poking around and found that during this latency the files xtab, exports, bootptab, and the autogenerate script are being created/updated but at an agonizingly slow pace. Of the three files in /etc there is only a total of about 8 lines that get updated and it will average 2–3 minutes between adding each line. I see nothing else occurring on the system.

So far I have only used the bosinst with an lpp\_source. I am currently in the process of creating the mkysyb – I pushed that from the master and it only took a minute to 90 seconds before I saw the data coming across.

Thanks

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

From: IBM AIX Discussion List [<mailto:aix-l@xxxxxxxxxxxxxxxx>] On Behalf Of Page, Jennifer (RBC Dain)  
Sent: Friday, February 03, 2006 3:44 PM  
To: aix-l@xxxxxxxxxxxxxxxx  
Subject: Re: NIM push latency

Just to clarify:

What jobs from the master are slow:

–nim install

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-nim reboot/reset

-nim showlog

-\*all

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From: IBM AIX Discussion List [<mailto:aix-1@xxxxxxxxxxxxxx>] On Behalf Of Taylor, David  
Sent: Friday, February 03, 2006 1:53 PM  
To: aix-1@xxxxxxxxxxxxxx  
Subject: FW: NIM push latency

One additional piece of information that I forgot - lsnim -l <client> on the master shows that the Cstate doesn't change from "ready for NIM operation" to "BOS installation enabled" until about 10-15 minutes of wait (roughly 5 minutes before any events occur on the client).

Thanks again

David

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

From: Taylor, David  
Sent: Friday, February 03, 2006 1:44 PM  
To: AIX list  
Subject: NIM push latency

Hi \*

I am experiencing a latency of about 15-20 minutes prior to execution of any NIM actions that I push from my master. This is a completely virgin environment - I installed both servers from the base 5.3 ML0 CDs and built the NIM master yesterday. I have defined only a single spot and

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lpp\_source from the same CDs I installed with. Everything works fine and at very acceptable speeds – once they get going. However anytime I push a job from the master, literally NOTHING happens (running topas on both master and client) for 15–20 minutes. I've even used the scheduler within the smitty nim\_bosinst screens to schedule the job for one minute in the future but, it appears that after the one minute, it begins the 15–20 minute wait.

I don't see any other symptoms. They can resolve each other fine. .rhosts is configured properly (I'm using rsh rather than nimsh because once I get everything figured out, I will be setting it up in a mixed environment). The network speed is fine – averaging 70 MB/sec in FTP. These are the only two servers on this network.

Can anyone point me to what may be causing this delay before execution?

TIA

David

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