

Re: AIX Run Queue

Source: <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2005-03/0267.html>

From: PJ Humble (*phumble44_at_YAHOO.COM*)

Date: 03/30/05

Date: Wed, 30 Mar 2005 07:33:16 -0800
To: aix-l@Princeton.EDU

Hi Justin,

vmstat... and BMC's investigate tool.

Thanks!

Justin Bleistein <justin.bleistein@TOWERSPERRIN.COM> wrote:

What performance tool/command, are you using to get this high run-queue statistic?
Thanks.

—Justin Richard Bleistein
AIX Systems Administrator

PJ Humble <phumble44@YAHOO.COM>
Sent by: IBM AIX Discussion List <aix-l@Princeton.EDU>
03/25/2005 11:36 AM Please respond to
IBM AIX Discussion List <aix-l@Princeton.EDU>

To
aix-l@Princeton.EDU cc
Subject
AIX Run Queue

Greetings fellow AIX'ers,

Our organization has increased its focus on performance monitoring, and capacity planning... The "run queue" factors heavily into the generic metrics gathered & monitored (& used for modeling) acrossed the UNIX platforms here.

Our solaris and hpux servers seem to be able to follow the "cpu x3" standard for an acceptable run queue (i.e. on a 2-way, you'd expect your run queues to stay below six {6} for optimal performance)...

However, on my AIX servers, I routinely see run queues reported in the hundreds... I know AIX has a run queue per proc, and reports to a global run queue, but can any of the GURUs out there give me an education that'll help me demystify why my server's run queues seem frightful in the eyes of other UNIX admins...

Despite the high reporting, my servers run fine... we're not cpu bound (us+sy <80)... I've checked the certification performance guide, and aside from a couple cool drawings, I came up empty.

Any advice & input appreciated! Thanks in advance!!!

PJ

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