

Hardware assisted virtualization



[shantha4](#) 1 posts since

Sep 17, 2007

I cannot find any official documentation explaining the usage of intel VT or AMD-V by ESX server 3.5. Is there any place where this is explained? Specifically, is hardware assist required for 64 bit hosts? And can 32 bit hosts use it as a choice or not?

Thanks.



[fferencik](#) 1 posts since

Mar 13, 2008 1. **Re: Hardware assisted virtualization** Mar 30, 2008 2:49 AM

I would like to see informations about VT-d in ESX. Also exact performance numbers of Windows machines on XEN which uses Intel VT or AMD-V for it.



[Hank Lea](#) 18 posts since

Sep 2, 2008 2. **Re: Hardware assisted virtualization** Mar 2, 2009 1:12 PM

Here's what I found when digging a bit deeper on this.

Hardware assisted virtualization

The current version of VMware ESX requires HW assist (Intel VT enabled processors) for 64 bit VM's and current version of ESX does not require HW assist for 32bit VM's or Guest OSes.


Let me know if this answers your question.

-Hank



[Hank Lea](#) 18 posts since

Sep 2, 2008 3. **Re: Hardware assisted virtualization** Mar 2, 2009 1:14 PM

 in response to: [fferencik](#)

VT-d support on ESX is not public info yet