
Subject: vzmigrate failed - Insufficient CPU capabilities

Posted by [postcd](#) on Thu, 27 Feb 2014 16:40:51 GMT

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Hi, just tried to use vzmigrate to move my VMs from one server to another

Quote: Starting live migration of CT 190 to xxx

OpenVZ is running...

Checking for CPT version compatibility

Checking for CPU flags compatibility

Error: IPv6 not loaded on destination node

Insufficient CPU capabilities: can't migrate

Error: Error: CPU capabilities check failed!

Error: Destination node CPU is not compatible

Error: Can't continue live migration

OLD node:

Quote:

CPU model: Intel(R) Xeon(R) CPU E3-1245 V2 @ 3.40GHz

1 CPU, 4 physical cores per CPU, total 8 logical CPU units

flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush
dts acpi mmx fxsr sse sse2 ss ht tm syscall nx rdtscp lm constant_tsc ida nonstop_tsc arat pni
monitor ds_cpl vmx smx est tm2 ssse3 cx16 xtpr sse4_1 sse4_2 popcnt lahf_lm

CPUINFO: <http://ark.intel.com/products/65729/>

NEW node:

Quote:

CPU model: Intel(R) Core(TM) i7-3770 CPU @ 3.40GHz

1 CPU, 4 physical cores per CPU, total 8 logical CPU units

flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush dts
acpi mmx fxsr sse sse2 ss ht tm syscall nx rdtscp lm constant_tsc ida nonstop_tsc arat pni
monitor ds_cpl vmx smx est tm2 ssse3 cx16 xtpr sse4_1 sse4_2 popcnt lahf_lm

CPUINFO: <http://ark.intel.com/products/65719/>

These figures are based on /proc/cpuinfo

The comparison of the CPUs: <http://cpuboss.com/cpus/Intel-Xeon-E3-1245V2-vs-Intel-Core-i7-3770#specs>

I don't believe that this I7 doesn't support virtualisation?

The quotation from: <http://kb.parallels.com/en/3032>

Quote:You may forcibly migrate VE (use '-f' switch of 'vzmigrate' utility) and after VE is migrated, just check if it works correctly on destination node, if not - restart VE, it should correctly detect all available CPU extensions.

Subject: Re: vzmigrate failed - Insufficient CPU capabilities

Posted by [Paparaciz](#) on Fri, 28 Feb 2014 13:34:34 GMT

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this has nothing to do with virtualization
please look to:

https://bugzilla.openvz.org/show_bug.cgi?id=2275

https://bugzilla.openvz.org/show_bug.cgi?id=2309

https://bugzilla.openvz.org/show_bug.cgi?id=2643
