

D4Science Infrastructure - Task #10826

CPU vulnerability

Jan 05, 2018 04:36 PM - Tommaso Piccioli

Status:	Closed	Start date:	Jan 05, 2018
Priority:	High	Due date:	
Assignee:	_InfraScience Systems Engineer	% Done:	100%
Category:	System Application	Estimated time:	0.00 hour
Target version:	No Sprint		
Infrastructure:	Development, Pre-Production, Production		
Description			
See also:			
https://googleprojectzero.blogspot.it/2018/01/reading-privileged-memory-with-side.html			

History

#1 - Jan 05, 2018 04:38 PM - Tommaso Piccioli

These are our server CPU types:

dlib14x	Manufacturer: AMD	Version: Quad-Core AMD Opteron(tm) Processor 2356
dlib15x	Manufacturer: AMD	Version: Quad-Core AMD Opteron(tm) Processor 2356
dlib16x	Manufacturer: AMD	Version: Quad-Core AMD Opteron(tm) Processor 2356
dlib17x	Manufacturer: AMD	Version: Quad-Core AMD Opteron(tm) Processor 2356
dlib18x	Manufacturer: AMD	Version: Six-Core AMD Opteron(tm) Processor 2427
dlib19x	Manufacturer: AMD	Version: Six-Core AMD Opteron(tm) Processor 2427
dlib20x	Manufacturer: Intel	Version: Intel(R) Xeon(R) CPU E5630 @ 2.53GHz
dlib21x	Manufacturer: Intel	Version: Intel(R) Xeon(R) CPU E5630 @ 2.53GHz
dlib22x	Manufacturer: AMD	Version: AMD Opteron(tm) Processor 6176
dlib23x	Manufacturer: AMD	Version: AMD Opteron(tm) Processor 6176
dlib24x	Manufacturer: AMD	Version: AMD Opteron(tm) Processor 6176
dlib25x	Manufacturer: AMD	Version: AMD Opteron(TM) Processor 6276
dlib26x	Manufacturer: Intel	Version: Intel(R) Xeon(R) CPU E5-2660 v2 @ 2.20GHz
dlib27x	Manufacturer: Intel	Version: Intel(R) Xeon(R) CPU E5-2660 v2 @ 2.20GHz
dlib28x	Manufacturer: Intel	Version: Intel(R) Xeon(R) CPU E5-2650 v3 @ 2.30GHz
dlib29x	Manufacturer: Intel	Version: Intel(R) Xeon(R) CPU E5-2650 v3 @ 2.30GHz
dlib30x	Manufacturer: Intel	Version: Intel(R) Xeon(R) CPU E5-2650 v3 @ 2.30GHz
dlib31x	Manufacturer: Intel	Version: Intel(R) Xeon(R) CPU E5-2650 v3 @ 2.30GHz
dlib32x	Manufacturer: Intel	Version: Intel(R) Xeon(R) CPU E5-2650 v4 @ 2.20GHz
dlib33x	Manufacturer: Intel	Version: Intel(R) Xeon(R) CPU E5-2650 v4 @ 2.20GHz
dlib34x	Manufacturer: Intel	Version: Intel(R) Xeon(R) CPU E5-2680 v4 @ 2.40GHz
dlib35x	Manufacturer: Intel	Version: Intel(R) Xeon(R) CPU E5-2680 v4 @ 2.40GHz
dlibsan2	Manufacturer: Intel	Version: Intel(R) Core(TM)2 Quad CPU Q6600 @ 2.40GHz
dlibsan3	Manufacturer: Intel	Version: Intel(R) Xeon(TM) 3000 CPU 2.40GH
dlibsan4	Manufacturer: Intel	Version: Intel(R) Xeon(TM) 3000 CPU 2.40GH
dlibsan5	Manufacturer: Intel	Version: Intel(R) Core(TM)2 Quad CPU Q6600 @ 2.40GHz
dlibsan6	Manufacturer: AMD	Version: AMD Opteron(tm) Processor 4122
dlibsan7	Manufacturer: AMD	Version: AMD Opteron(tm) Processor 4122
dlibsan8	Manufacturer: AMD	Version: AMD Opteron(tm) Processor 4234
dlibsan9	Manufacturer: AMD	Version: AMD Opteron(tm) Processor 4234
dlibsan10	Manufacturer: Intel	Version: Intel(R) Xeon(R) CPU E5-2603 v2 @ 1.80GHz
dlib2backup	Manufacturer: Intel	Version: Intel(R) Core(TM)2 Quad CPU Q6600 @ 2.40GHz
dlibbackup	Manufacturer: Intel	Version: Intel(R) Core(TM)2 Quad CPU Q6600 @ 2.40GHz

briefly:

Manufacturer: AMD
Version: Quad-Core AMD Opteron(tm) Processor 2356
Version: Six-Core AMD Opteron(tm) Processor 2427
Version: AMD Opteron(tm) Processor 4122
Version: AMD Opteron(tm) Processor 4234
Version: AMD Opteron(tm) Processor 6176
Version: AMD Opteron(TM) Processor 6276

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Manufacturer: Intel
Version: Intel(R) Core(TM)2 Quad CPU    Q6600   @ 2.40GHz
Version: Intel(R) Xeon(TM) 3000 CPU 2.40GH
Version: Intel(R) Xeon(R) CPU E5630   @ 2.53GHz
Version: Intel(R) Xeon(R) CPU E5-2603 v2 @ 1.80GHz
Version: Intel(R) Xeon(R) CPU E5-2660 v2 @ 2.20GHz
Version: Intel(R) Xeon(R) CPU E5-2650 v3 @ 2.30GHz
Version: Intel(R) Xeon(R) CPU E5-2650 v4 @ 2.20GHz
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#2 - Jan 08, 2018 03:04 PM - Pasquale Pagano

- *Tracker changed from Incident to Task*

This is not an incident. It is a task that we need to perform to deal with an issue of the processors.

#3 - Mar 01, 2018 09:42 PM - Andrea Dell'Amico

- *Status changed from New to Closed*

- *% Done changed from 0 to 100*

I'm closing this one. We cannot do anything on our running VMs because we cannot upgrade the kernel, and the only way to add a (partial) fix to the hypervisors is to restart them. If we cannot restart, there's nothing I can do.