

Num. of processes	Checkpoint time (s)	Restart time (s)	Total ckpt size (TB)	Write (ckpt) bandwidth (GB/s)
8192	136.1	215.3	9.4	69
16368	367.4	706.6	19	52
24000 <sup>(1)</sup>	634.8	1183.8	29	46
32752 <sup>(2)</sup>	652.8	2539.05	38	60

NOTE: Executed with special permission<sup>1</sup>; and during Stampede maintenance<sup>2</sup> (mostly exclusive access to the cluster).