



# Job Schedulers & Queuing Systems Support \*

Release 17.1

\* Tested Third-Party Job Schedulers/Commercial Batch-Queuing Systems to integrate a Windows Client with a Linux server or diversified/cluster high performance capacity (HPC) environment.

		Queuing System Linux Version	Queuing System Windows Version	ANSYS CFX	ANSYS EKM	ANSYS Fluent	ANSYS HFSS	ANSYS Icepak	ANSYS Maxwell	ANSYS Mechanical	ANSYS Mechanical APDL	ANSYS Q3D Extractor	ANSYS Polyflow	ANSYS SImplorer	ANSYS Siwave	ANSYS Workbench <sup>5</sup>	
Workload Managers / Job Schedulers	Altair PBS Professional	PBS 12.1.0 <sup>1,3</sup>		✓ <sup>2</sup>	✓ <sup>1</sup>	✓ <sup>2,3</sup>		✓ <sup>2</sup>		✓ <sup>2</sup>	✓ <sup>2</sup>		✓ <sup>2</sup>			✓ <sup>2</sup>	
		PBS 13.00				✓ <sup>2,3</sup>	✓ <sup>3</sup>		✓ <sup>3</sup>			✓ <sup>3</sup>				✓ <sup>3</sup>	
	Adaptive Computing TORQUE	Torque 5.1.0					✓ <sup>3</sup>			✓ <sup>3</sup>			✓ <sup>3</sup>				✓ <sup>3</sup>
		Torque 4.2.6 with Moab 7.2.6 <sup>1,2,3,4</sup>		✓ <sup>2</sup>	✓ <sup>1</sup>	✓ <sup>2</sup>	✓ <sup>3</sup>	✓ <sup>2</sup>	✓ <sup>3</sup>	✓ <sup>2</sup>	✓ <sup>2</sup>	✓ <sup>2</sup>	✓ <sup>3</sup>	✓ <sup>2</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>2</sup>
	Platform Load Sharing Facility (LSF)	LSF 9.1.1 <sup>1,2,3</sup>		✓ <sup>2</sup>	✓ <sup>1</sup>	✓ <sup>2,3</sup>	✓ <sup>3</sup>	✓ <sup>2,3</sup>	✓ <sup>3</sup>	✓ <sup>2</sup>	✓ <sup>2</sup>	✓ <sup>2</sup>	✓ <sup>3</sup>	✓ <sup>2</sup>	✓ <sup>3</sup>		✓ <sup>2</sup>
			LSF 9.1.1						✓ <sup>2</sup>								
	Univa Grid Engine	Univa 8.1.3 <sup>1,2,3</sup>		✓ <sup>2</sup>	✓ <sup>1</sup>	✓ <sup>2,3</sup>	✓ <sup>3</sup>	✓ <sup>2</sup>	✓ <sup>3</sup>	✓ <sup>2</sup>	✓ <sup>2</sup>	✓ <sup>2</sup>	✓ <sup>3</sup>	✓ <sup>2</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>2</sup>
	Windows HPC Server 2008 Job Scheduler		HPC 2008 R2	✓ <sup>2,3</sup>	✓ <sup>1</sup>	✓ <sup>2,3</sup>	✓ <sup>3</sup>	✓ <sup>2</sup>	✓ <sup>3</sup>	✓ <sup>2</sup>	✓ <sup>2</sup>	✓ <sup>2</sup>	✓ <sup>3</sup>	✓ <sup>2</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>2</sup>
Windows HPC Server 2012 Job Scheduler		HPC 2012 R2	✓ <sup>2,3</sup>	✓ <sup>1</sup>	✓ <sup>2,3</sup>	✓ <sup>3</sup>	✓ <sup>2</sup>	✓ <sup>3</sup>	✓ <sup>2</sup>	✓ <sup>2</sup>	✓ <sup>2</sup>	✓ <sup>3</sup>	✓ <sup>2</sup>	✓ <sup>3</sup>	✓ <sup>3</sup>	✓ <sup>2</sup>	
Job Queuing	ANSYS Remote Solve Manager (RSM)			✓ <sup>4</sup>	✓ <sup>4</sup>	✓ <sup>4</sup>		✓ <sup>4</sup>		✓ <sup>4</sup>	✓ <sup>4</sup>		✓ <sup>4</sup>			✓	

**Queuing Systems Linux Version Footnotes:**

- 1 Tested on RedHat Enterprise Linux 6
- 2 Tested on RedHat Enterprise Linux 7
- 3 Tested on SuSE Enterprise Server 11
- 4 Tested on SuSE Enterprise Server 12

**Product Footnotes:**

- ✓ Tested on Workload Manager/Job Scheduler
- 1 Tested via ANSYS Remote Solve Manager
- 2 Tested via ANSYS Remote Solve Manager with Workbench
- 3 Can use queuing system without ANSYS Remote Solve Manager

- 4 Queuing enabled
- 5 Used in conjunction with RSM for solver functionality and when performing design point and/or product updates.