

# Status of MPI-3.1 Implementations

	MPICH	MVAPICH	Open MPI	Cray MPI	Tianhe MPI	Intel MPI	IBM BG/Q MPI <sup>1</sup>	IBM PE MPICH <sup>2</sup>	IBM Platform	SGI MPI	Fujitsu MPI	MS MPI	MPC	NEC MPI
NBC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	(*)	✓	✓
Nbrhood collectives	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✗	✓	✓
RMA	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✗	Q2'17	✓
Shared memory	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	*	✓
Tools Interface	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	*	Q4'16	✓
Comm-creat group	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✗	*	✓
F08 Bindings	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	✗	✗	Q2'16	✓
New Datatypes	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	✓	✓
Large Counts	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	Q2'16	✓
Matched Probe	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✓	✓	Q2'16	✓
NBC I/O	✓	Q3'16	✓	✓	✗	✓	✗	✗	✗	✓	✗	✗	Q4'16	✓

Release dates are estimates and are subject to change at any time.

“✗” indicates no publicly announced plan to implement/support that feature.

Platform-specific restrictions might apply to the supported features

<sup>1</sup> Open Source but unsupported

<sup>2</sup> No MPI\_T variables exposed

\* Under development

(\*) Partly done