

Test Problem Set Glossary

Version 1.0

$N_{\text{Max_Nodes}}$	The total number of nodes in a vendor's benchmark system
$N_{\text{C/Node}}$	The number of cores per node
$N_{\text{Max_Cores}}$	The total number of cores in the benchmark system
N_{MPI}	The number of MPI tasks in a run
N_{OMP}	The number of OpenMP threads within an MPI task
N_{MaxN2}	The largest integer such that $2^{N_{\text{MaxN2}}} < N_{\text{Max_Nodes}}$
SNCS	Standard node count series, defined as $1, 2, \dots, 2^{N_{\text{MaxN2}}}, N_{\text{Max_Nodes}}$
N_{MaxC2}	The largest integer such that $2^{N_{\text{MaxC2}}} < N_{\text{Max_Cores}}$
SCCS	Standard core count series, defined as $1, 2, \dots, 2^{N_{\text{MaxC2}}}, N_{\text{Max_Cores}}$