

Introduction to HPCMP SCAMPI Video Job Aid

Key References Referred to in this Video	
SCAMPI Location on HPC Systems	/app/mpiutil
SCAMPI Arguments	<p>MPI Flags</p> <ul style="list-style-type: none"> -nh N, Total number of hosts -pph N, Number of mpi processes per host --hostlist listpath, Path to a hostlist file which contains an ordered list of desired hosts <p>Optimization and Debugging Flags</p> <ul style="list-style-type: none"> -m MB, MB min file size for multithreaded r/w of file
SCAMPI examples	<pre>/app/mpiutil/scampi -nh 2 -pph 5 ~/myfile hpcsystem:~</pre> <pre>/app/mpiutil/scampi -nh 4 -pph 6 -m 400 -vvv excalibur:~/send ~/receive</pre>
ISCAMPI example	<pre>/app/mpiutil/iscampi -l -s -nh 4 -pph 6 \$HOME \$WORKDIR</pre>
HISCAMPI example	<pre>/app/mpiutil/hiscampi -l -s -nh 4 -pph 6 \$CENTER \$WORKDIR</pre>
HPC Help Desk	<p>Phone: 1-877-222-2039 or 937-255-0679 (0800 – 2000 Eastern Time, M – F)</p> <p>Email: help@helpdesk.hpc.mil</p> <p>Web Portal: https://helpdesk.hpc.mil</p>

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