

“Introduction To Baseline Configuration” Video Job Aid

Key References Included in this Video	
<p>HPCMP Centers Website DoD HPC Centers Baseline Configuration Initiative</p>	<p>https://centers.hpc.mil/index.html https://centers.hpc.mil/users/centers.html https://centers.hpc.mil/consolidated/bc/</p>
<p>Customer Account Support and Services</p>	<ul style="list-style-type: none"> • Baseline set of login shells • Common user group naming • Standardized user notices • Advance reservations • Common DSRC commands and tools • Cross-center file transfers • Standardized security processes
<p>Common Capabilities and Tools</p>	<p>Open Source Math-Scientific Libraries Open Source Performance and Profiling Tools Open Source High Productivity Languages Open Source Utilities Open Source Graphics Packages Source Code Repositories MPI Test Suite Results Consolidated Hardware Common Programming Environment</p>
<p>10 Common Commands</p>	<p>bcmodule: Adds numerous improvements and new features to standard module command;</p> <p>check_license: Provides license availability information for HPCMP shared applications;</p> <p>cqstat: Provides information about jobs in the batch queue and estimated job start times;</p> <p>node_use: Determines the least busy login node to do interactive work;</p>

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Distribution is unlimited.

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<p>10 Common Commands (cont.)</p>	<p>qflag: Sends a message about a reported problem without the need to leave the HPC system;</p> <p>qpeek and qview: Offer batch job monitoring and reporting commands;</p> <p>show_queues: Displays current batch queuing system information;</p> <p>show_storage: Provides “quota” and “usage” information on storage areas;</p> <p>show_usage: Produces reports on the “allocation” and “usage status” of a user’s subprojects.</p>
<p>Compliance Matrix URL:</p>	<p>https://centers.hpc.mil/consolidated/bc/complianceMatrix.html</p>
<p>User Input email: User Input online form:</p>	<p>BCTeam@afri.hpc.mil https://centers.hpc.mil/consolidated/bc/input.html</p>
<p>HPC Help Desk</p>	<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>