"Introduction To Baseline Configuration" Video Job Aid

Key References Included in this Video	
HPCMP Centers Website DoD HPC Centers Baseline Configuration Initiative	https://centers.hpc.mil/index.html https://centers.hpc.mil/users/centers.html https://centers.hpc.mil/consolidated/bc/
Customer Account Support and Services	- 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
Common Capabilities and Tools	Open Source Math-Scientific Libraries Open Source Performance and Profiling Tools Open Source High Productivity Languages Open Source Utilities Source Code Repositories MPI Test Suite Results Consolidated Hardware Common Programming Environment Computational Science Environment (CSE)
10 Common Commands	**bcmodule:** Adds numerous improvements and new features to standard module command; **check_license:** Provides license availability information for HPCMP shared applications; **cqstat:** Provides information about jobs in the batch queue and estimated job start times; **node_use:** Determines the least busy login node to do interactive work;

10 Common Commands (cont.)	**qflag:** Sends a message about a reported problem without the need to leave the HPC system; **qpeek and qview:** Offer batch job monitoring and reporting commands; **show_queues:** Displays current batch queuing system information; **show_storage:** Provides "quota" and "usage" information on storage areas; **show_usage:** Produces reports on the "allocation" and "usage status" of a user's subprojects.
Compliance Matrix URL:	https://centers.hpc.mil/consolidated/bc/complianceMatrix.html
User Input email:	BCTinput@afrl.hpc.mil
HPC Help Desk	Phone: 1-877-222-2039 or 937-255-0679 (0800 – 2000 Eastern Time, M – F) Email: help@helpdesk.hpc.mil Help Desk Service Portal: https://helpdesk.hpc.mil