

“Using The SLB” Video Job Aid

Key References Referred to in this Video	
HPC Help Desk	Phone: 1-877-222-2039 or 937-255-0679 (0800 – 2000 Eastern Time, M – F) Email: help@helpdesk.hpc.mil HPC Help Desk Web Portal: https://helpdesk.hpc.mil
SLB Available Licenses	Documentation: Shared License Buffer User Guide https://centers.hpc.mil/users/SLB/SLBUserGuide.html#licensedFeatures
SLB Reservable Features	Documentation: Shared License Buffer Quick Reference https://centers.hpc.mil/users/SLB/SLBQuickRef.html
SLB Requestable Features	
PBS Requests	
SLB Scripts for Reservations and Queries	
Job Script Syntax	#PBS -l <license name>=1
Reserving a Feature	#PBS -l <license name>=1, <feature name>=N (number of licenses of feature)
Requesting a non-reservable Feature	#PBS -l abaqus=1, cae=N
Complete List	https://centers.hpc.mil/users/SLB/SLBQuickRef.html

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Interactive SLB Utility Scripts	
All Available	SLB_all_avail.pl Command does not require any other arguments.
Check License	SLB_check_license.pl <license name>
Make Reservation w/start and end date/time	SLB_make_resv.pl -app <license name> -nlic N -st MM/DD_HH :MM -et MM/DD_HH :MM
Make Reservation w/start date/time and duration	SLB_make_resv.pl -app <license name> -nlic N -st MM/DD_HH:MM -dur 999
Display All Reservations	SLB_disp_all_resv.pl -app <license name>
Terminate Reservation	SLB_term_resv.pl -app <license name> -id <reservation ID number>
Query When	SLB_query_when.pl -app <license name> -nlic N
Query When (with feature)	SLB_query_when.pl -<license name> -nlic=1 -tok=<feature>=N
Query Available Block	SLB_query_avail_block.pl -app=<license name> -st MM/DD_HH:MM -et MM/DD_HH:MM

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