

LCLS and FACET production PV gateways

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LCLS <---> FACET production gateways

Name	Purpose	PVs served	address for gateway clients	host	config/script dirs	start/stop script
LCLS4FACET	serves LCLS PVs to FACET	all PVs, read-only**	172.27.8.31:5070	lcls-daemon2	\$TOOLS/gateway/config, script	/etc/init.d/st.gwLCLS4FACET
FACET4LCLS	serves FACET PVs to LCLS	all PVs, read-only**	172.27.72.24:5070	facet-daemon1	\$TOOLS/gateway/config, script	/etc/init.d/st.gwFACET4LCLS

- LCLS4FACET is configured in the default FACET client EPICS_CA_ADDR_LIST. Configuring the gateway in the IOC EPICS_CA_ADDR_LIST must be done on a case-by-case basis.
- FACET4LCLS is configured in the default LCLS client EPICS_CA_ADDR_LIST. Configuring the gateway in the IOC EPICS_CA_ADDR_LIST must be done on a case-by-case basis.

**** note:** Specific PVs are sometimes temporarily blocked for various reasons (e.g. to block duplicate PVs across systems)

LCLS and FACET public gateways

Name	Purpose	PVs served	address for gateway clients	host	config/script dirs	start/stop script
LCLSPUB	serves LCLS PVs to the DMZ	all PVs, read-only*	134.79.151.21:5068	lcls-prod01	\$TOOLS/gateway/config, script	/etc/init.d/st.gwLCLSPUB
FACETPUB	serves FACET PVs to the DMZ	all PVs, read-only*	134.79.151.21:5063	lcls-prod01	\$TOOLS/gateway/config, script	/etc/init.d/st.gwFACETPUB

- Both public gateways are both configured in the default DMZ client EPICS_CA_ADDR_LIST.

Gateway status display

lclshome/Network Global/"PV Gateway Diagnostics" button

facethome/Network Global/"PV Gateway Diagnostics" button