

Server Locations and Functions

This page lists the locations of various web servers managed by SCA, not including Fermi web servers which are listed separately.

Physical Host	HA	Virtual Host	OS	Cores	GB	Server	Comments
exolnx01-vmm	Yes	exolnx-v01	RHEL 6	4	16	http://exo-data.slac.stanford.edu/	EXO web server
exolnx01-vmm	Yes	exolnx-v02	RHEL 6	4	16	xrootd proxy server	
exolnx01-vmm	Yes	exolnx-v03	RHEL 6	4	16		EXO event display server
exolnx01-vmm	Yes	exolnx-v04	RHEL 6	4	16		
exolnx01-vmm	Yes	Total	RHEL 6	16/16	64/64		
scalnx01	No		RHEL 6	16	16	http://portal.lsstdesc.org/ lsst-ftp.slac.stanford.edu	SRS Pipeline server vsftpd server for LSST vendor data
scalnx02-vmm	Yes	scalnx-v01	RHEL 6	4	16	http://srs.slac.stanford.edu/	SRS web server SRS datacat crawler cvs.freehep.org
scalnx02-vmm	Yes	scalnx-v02	RHEL 6	4	16		Runs Jenkins build agent srs-build02
scalnx02-vmm	Yes	scalnx-v03	RHEL 6	4	16	svn.freehep.org, svn.slac.stanford.edu nexus.slac.stanford.edu	Subversion/job control daemons (allows all users to login) Nexus is started by hand from /gpfs/slac/staas/fs1/g/g.srs/nexus/monitor
scalnx02-vmm	yes	lsst-teststand-proxy	RHEL 6	2	8		Shutdown on 11/5/21. Deleting on 11/18/21.
scalnx02-vmm	yes	sca-virt-manager	RHEL 6	2	8		
scalnx02-vmm	yes	Total	RHEL 6	16/12	64/48		
scalnx03-vmm		scalnx-v04		4	14	http://sid.slac.stanford.edu/	SiD web server (Shut down, not really used?). EXO/SRS dev tomcat server. Lost with scalnx03-vmm failure
scalnx03-vmm		scalnx-v05		4	14	http://lsst-camera.slac.stanford.edu/ fftools	LSST Camera web server (firefly) Lost with scalnx03-vmm failure
scalnx03-vmm		scalnx-v06		4	14	http://pingerlod.slac.stanford.edu/	IEPM PingER Linked Open Data (Les Cottrell) Lost with scalnx03-vmm failure
scalnx03-vmm		Total		12/12	52/48		FAILED
sca-oracle01	Yes						SRS pipeline/datacat oracle server
sca-oracle02	No						Fermi DEV database
scalnx10-vmm	Yes	lsstlnx-v01	RHEL 6	4	8	http://lsst-camera.slac.stanford.edu/ fftools	LSST Camera web server
scalnx10-vmm	Yes	lsst-ftp		1	1		defunct due to bizarre external connection problems. Deleted on 11/5/21
scalnx10-vmm	Yes	lsst-testbed01		2	8		Shutdown on 11/5/21. Deleting on 11/18/21
scalnx10-vmm	Yes	lsst-testbed02		2	8		Shutdown on 11/5/21. Deleting on 11/18/21
scalnx10-vmm	Yes	lsstlnx-v02	RHEL 6	1	4	http://lsst-camera-dev.slacv.stanford.edu	
scalnx10-vmm	Yes	Total		10/16	29/128		
scalnx11-vmm	Yes	lssttest1		1	1	?	Shutdown on 11/5/21. Deleting on 11/18/21
scalnx11-vmm	Yes	cdmslnx-grid01		4	8	Never used?	
scalnx11-vmm	Yes	lsst-dtn-test		1	4	?	
scalnx11-vmm	Yes	cdmslnx-v01	RHEL 6	1	4	cdms (DAQ) tomcat server	
scalnx11-vmm	Yes	Total		7/16	17/128		
scalnx12-vmm	Yes	sca-nginx01	RHEL 6	6	12	Many	See SCA NGINX Configuration
scalnx12-vmm	Yes	sca-nginx03		1	2		Primarily EXO Logbook (via nginx)
scalnx12-vmm	Yes	Total		7/16	14/128		
scalnx13-vmm	Yes	sca-nginx02	RHEL 6	6	12		See SCA NGINX Configuration
scalnx13-vmm	Yes	lssttest2		1	1		Shutdown on 11/5/21. Deleting on 11/18/21
scalnx13-vmm	Yes	Total		7/16	13/128		
(VMWare-Fermi)	Varies	fplnx7-v01	Centos 7	4	16		

(VMWare-Fermi)	Varies	fpdlnx7-v02	Centos 7	4	16		
(VMWare-Fermi)	Varies	fpdlnx7-v03	Centos 7	4	16		
(VMWare-Fermi)	Varies	fermi-ci-test01	Centos 7	8	32		Jenkins Worker (with Docker support - can build GlastRelease) oauth2_proxy for DESC (portal.lsstdesc.org, portal.lsst-desc.org) - via Docker oauth2_proxy is integrated in with sca-resty below.
(VMWare-Fermi)	Varies (yes)	sca-resty01	Centos 7	6	12		Configured via https://github.com/slaclab/sca-resty (Replacement for sca-nginx01/sca-nginx02)
(VMWare-Fermi)	Varies (yes)	sca-resty02	Centos 7	6	12		Configured via https://github.com/slaclab/sca-resty Not really used/setup properly with keepalived and a virtual IP. Ideally setup to do that.