

# Glossary & Acronyms

ACRONYM	DESCRIPTION	Notes
A3M	Allocations, Accounting & Account Management	
A & AM	Accounting & Account Management	
A & D	Architecture & Design	
ADR	Architecture Design Review	
AL2S	Advanced Layer 2 Service	Enables Internet2 users to create point-to-point VLANs
AMIE	Account Management Information Exchange	
API	Application Programming Interface	
Area Metric	A quantifiable measure that is used to track and assess the status of a specific process. Area metrics can measure performance or operational status. Area metrics relating to performance can be used alone or in combinations as a key performance indicator (KPI) for the project.	
CB	Campus Bridging	Infrastructure to make XSEDE resources appear to be proximal to the researcher's desktop
CC	Campus Champion	
CEE	Community Enhancement & Engagement	
co-Pi	Co-Principal Investigator	
CRI	Cyberinfrastructure Resource Integration	
CRM	Customer Relationship Management	
CS&E	Computational Science & Engineering	
DNS	Domain Name Service	
DNSKEY	Domain Name Service Key	
DNSSEC	DNS Security	
DTS	Data Transfer Services	

E &O	Education and Outreach	
E C SS	Extended Collaborative Support Service	
e- inf ra str uc ture	The integration of networks, grids, data centers and collaborative environments, and are intended to include supporting operation centers, service registries, credential delegation services.	
ER	External Relations	
E S RT	Extended Support for Research Teams	
E S S GW	Extended Collaborative Support for Science Gateways	
E S T EO	Extended Support for Training, Education, & Outreach	
F TE	Full Technical Equivalent	
G A A MP	General Automated Atomic Model Parameterization	
G F FS	Globus Federated File System	
Gr id F TP	Grid File Transfer Protocol	
H PC	High Performance Computing	
H P CU		
H SM	Hardware Security Models	
I2	Internet2	
IC	Industry Challenge	
IdM	Identity Management	
IN C A /N ag ios	an service monitoring tool	
IPR	Interim Project Report	
IR	Incident Reports	
JI RA	an activity tracking tool	
KB	KB documents	

K PI	Key Performance Indicators - A metric or combination of metrics meant to measure performance in key areas of the program so that actions and decisions which move the metrics in the desired direction also move the program in the direction of the desired outcomes and goals.	
L2	WBS Level 2	
L3	WBS Level 3	
M FC	Minority Faculty Council	
MS	Microsoft	
M SI	Minority Serving Institution	
N C AR	National Center for Atmospheric Research	
N C SA	National Center for Supercomputing Applications	
NI CS	National Institute of Computational Science	
NIP	Novel and Innovative Projects	
O P S- S EC	Operations - Cybersecurity	
O SG	Open Science Grid	
O TP	One Time Password	
P CR	Project Change Request	
P EP	Program Execution Plan	
pe rf S O N AR	PERformance Service Oriented Network monitoring Architecture	
P gO	Program Office	
PI	Principal Investigator	
PM	Project Management	
P M &R	Project Management, Reporting & Risk Management	
P O PS	PACI Online Proposal System	this is no longer an acronym and POPS is just the name for the allocation submission system; being supplanted by XRAS
P SC	Pittsburgh Supercomputing Center	
PY	Program Year	
R AS	Resource Allocations Service	

R A CD	Requirements Analysis & Capability Delivery	
R DR	Resource Description Repository	
R E S Tf ul	Representational state transfer	
ro ck s roll	an open source cluster distribution solution that simplifies the processes of deploying, managing, upgrading, and scaling high-performance parallel computing clusters.	
R SIG		
RT	Request Tracker Ticketing System	
S A C N AS	Society for Advancement of Chicanos and Native Americans	
S C xy	Supercomputing Conference (e.g. SC16)	
S D &I	Software Development & Integration	
S DI A CT	Software Development & Integration Activity	
S D SC	San Diego Supercomputer Center	
S H2	SH2 Security	
S ho dor	A National Resource for Computational Science Education	
S MT	Senior Management Team	
SP	Service Provider	
S T EM	Science Technology Engineering Mathematics	
Sy s O ps	Systems Operations	
T A CC	Texas Advanced Computing Center	
T E OS	Training, Education and Outreach Service	
Te ra Gr id	an e-Science grid computing infrastructure combining resources at eleven partner sites.	

TIS	Technology Investigation Service	
U AC	User Advisory Committee	
U C C AN	Use Case Canonical Use Case	
U C CB	Campus Bridging Use Case	
U C DA	Data Analytics Use Case	
U C DM	Data Management Use Case	
U CF	Federation and Interoperation Use Case	
U C FC	First Connecting Instrumentation Use Case	
U C H PC	High Performance Computing Use Case	
U C H TC	High Throughput Computing Use Case	
U C S GW	Science Gateway Use Case	
U C SW	Scientific Workflow Use Case	
U C VIS	Visualization Use Case	
UE	User Engagement	
UII	User Interfaces and Information	
U RC	Under-represented communities	
U R CE	Under-Represented Community Engagement	
U R EP	User Requirement Evaluation and Prioritization	
U RM	Under-Represented Minority	
US	United States	
W BS	Work Breakdown Structure	Numerical code for each group within XSEDE
X C BC	XSEDE Compatible Basic Cluster	Enables campus CI resource administrators to build a local cluster from scratch. The resulting cluster, which operates entirely on open source software, is then easily interoperable with XSEDE-supported CI resources

X C DB	XSEDE Central Database	The XDCDB contains 24 schemas, notably the accounting, resource repository, portal, and AMIE databases.
X D C DB	XSEDE Central Database	
X CI	XSEDE Cyberinfrastructure Integration	
X NIT	XSEDE National Integration Toolkit	A suite of software modules that are easily installed via modern automated system administration tools. The XNIT is intended for extant clusters in order for them to be easily interoperable with XSEDE-supported CI resources.
X OC	XSEDE Operation Center	
X R AC	XSEDE Resource Allocation Committee	
X R AS	XSEDE Resource Allocations Service	
X S E DE	eXtreme Science and Engineering Discovery Environment	
X S E D E CA	XSEDE Certificate Authorities	Entity responsible for certifying encryption keys for identity management
X S E D E K DC	XSEDE Kerberos	
X S E D E 14	XSEDE Conference in 2014	
X S E D E net	an XSEDE-only network	
X SP	XSEDE Scholars Program	
X T ED	XSEDE Technology Evaluation Database	
X UP	XSEDE User Portal	The XSEDE web pages at <a href="http://xsede.org">http://xsede.org</a>
X W FS	XSEDE Wide File System	