

WBS 2.3.3 Cyberinfrastructure Resource Integration (CRI)

Mission Statement

To leverage the aggregate national cyberinfrastructure in XSEDE SP's, campuses, and regional partnerships in order to maximize support for research initiatives.

Goals, Metrics & KPIs

KPI	Target	Subgoal
Total number of systems using one or more CRI toolkits	150	Advance

Area metrics	Target
Total number of systems that use one or more CRI provided toolkits	700 by the end of RY2
User satisfaction with CRI services	4 out of 5
Number of repository subscribers to CRI cluster and laptop tools	150/yr
Aggregate number of TeraFLOPS of cluster systems using CRI toolkits	Additional 200/ year 1000/length of project
Number of partnership interactions between CRI and SP's, national CI organizations, and campus CI providers	12/year
Toolkit updates	4/yr
New toolkits released	2/yr

[Metrics Tracking Page](#)

[LOCs supporting winning awards](#)

Team Members

Name	Institution	Position	Email
Rich Knepper	Cornell University	L3 Manager	rich.knepper@cornell.edu
Barbara Hallock	Indiana University	Outreach & Campus Engineering	bahalloc@iu.edu
Eric Coulter	Indiana University	Campus Engineering & Outreach & Toolkit Development	jecoulte@iu.edu
Resa Alvord	Cornell University	Toolkit packaging	rda1@cornell.edu
Victor Hazlewood	University of Tennessee	SP Coordination	victor@utk.edu

Communication & Meetings

CRI meetings are held on the first and third Tuesdays of the month at 11am EST.

[Meeting Coordinates](#)

[XCRI Biweekly Meeting Agendas](#)

[SP Software Monthly Meeting Agendas and Minutes](#)

Monthly Service Provider software calls are on the first Monday of the month at 4pm Eastern/3pm Central/1pm Pacific unless it falls on a holiday or during the week of PEARC. If a conflict the meeting is usually moved to the following Monday.

[Meeting Coordinates](#)

New Staff Orientation

Projects

[XCRI Toolkit Tracking](#)

[XCRI Process for new software toolkits](#)

[XCRI Capability Deployment Plans](#)

[XCRI Site Visits and Outreach Appearances](#)

[XCRI Letters of Support for Campus CI activities](#)

[Language for XCRI Collaborations \(letters of collab signed by PI Towns\)](#)

[XCRI New Use Case Drafts](#)

[XCRI Software Requests](#)

SP Coordination

performed by Victor Hazlewood the XSEDE SP Coordinator

Tasks:

- Attend SP-Forum meetings to convey information and coordinate
- Attend LLevel3-SP meetings to convey information and coordinate
- Lead SP-Software meetings for communication and coordination with SPs regarding XSEDE software stack
- Communicate and coordinate deployment of XSEDE software stack to SPs including preparing deployment plans, maintaining XSEDE production software repository and coordination of this software with SPs and XSEDE RACD staff
- Maintain an XSEDE Federation membership list
- Get SPs to enter information in XSEDE RDR and XSEDE information services
- Perform onboarding and offboarding of SPs as part of XSEDE Federation at all Service Provider levels 1-3
- Perform annual checklists of SPs
- Provide a conduit to XSEDE for SPs to convey requirements and needs in Cyberinfrastructure

[Informal polling](#) of items in discussion by XSEDE