

Detailed Program Information

Breakfast

Session Details

Tuesday, December 13, 2005
7:30 a.m. - 8:30 a.m.
Capital Club (Mezzanine Level/one level above the lobby)

Registration Desk Open

Session Details

Tuesday, December 13, 2005
7:30 a.m. - 12:30 p.m.
Junior Ballroom Registration Desk

TeraGrid Incident Response Overview

Session Details

General Session
Tuesday, December 13, 2005
8:30 a.m. - 9:00 a.m.
Junior Ballroom

Speaker(s)

- [James A. Marsteller](#), Information Security Officer, Pittsburgh Supercomputing Center

Abstract

The TeraGrid is an open scientific discovery infrastructure combining resources across the country to create an integrated computational resource. This session will outline the creation of the incident response infrastructure that spans the Teragrid resource providers and will detail incident response planning, coordination, and communications.

Available Resources

Resources for this session are available in the [EDUCAUSE Resource Center](#).

- [View Session Resources](#)

Policies, Standards, Guidelines and Security Plans

Session Details

Breakout 1
Tuesday, December 13, 2005
9:10 a.m. - 10:10 a.m.
Pavilion 22 (Lobby Level)

Breakout Leader(s)

- [Abe Singer](#), Computer Security Researcher, University of California, San Diego
- [Jeffrey C. McCabe](#), Associate Director, Information Technologies Issues Management, Texas A&M University

Abstract

Research laboratories, research centers, and academic IT enterprises share a common dependency on IT infrastructure. Our community could evaluate and adopt a variety of security policies, standards, guidelines, and security plans. We will discuss what is needed, which examples could be a good fit, and recommendations for our community.

Awareness and Training

Session Details

Breakout 2
Tuesday, December 13, 2005
9:10 a.m. - 10:10 a.m.
Pavilion 23 (Lobby Level)

Breakout Leader(s)

- [Mark S. Bruhn](#), Associate VP for Telecommunications/Chief IT Security and Policy Officer, Indiana University

- [Corbin Miller](#), IT Security Operations Lead, Deputy IT Security Manager, NASA Jet Propulsion Laboratory

Abstract

Security in our open and collaborative academic and research communities is a challenge and perceived by some to lag behind the general information technology community. Activities designed to educate users and technicians about security issues and responsibilities are considered a key component of a good security program. This group will discuss the variety of audiences involved, brainstorm ideas on how best to reach each audience, and discuss current efforts under way in this area.

Intrusion Detection and Incident Response

Session Details

Breakout 3
Tuesday, December 13, 2005
9:10 a.m. - 10:10 a.m.
Mezzanine 2 (Mezzanine Level/one level above the lobby)

Breakout Leader(s)

- [James J. Barlow](#), Head of Security Operations and Incident Response, National Center for Supercomputing Applications
- [Stephen Lau, Jr.](#), Cyber Analyst, Lawrence Berkeley National Laboratory
- [Gene Rackow](#), CyberSecurity Engineer, Argonne National Laboratory

Abstract

An intrusion detection system (IDS) and security incident response (IR) continue to be a challenge in our community. The budgets for security labor and products in laboratories and centers are small and limited, leading in many cases to the search for open source or low-cost solutions to these problems. A thorough discussion of the issues and challenges in IDS and IR will be conducted. The sharing of successful examples will be encouraged, and IDS and IR recommendations will be sought in the discussions.

Available Resources

Resources for this session are available in the [EDUCAUSE Resource Center](#).

- [View Session Resources](#)

Data Integrity Assurance in the Research Environment

Session Details

Breakout 4
Tuesday, December 13, 2005
9:10 a.m. - 10:10 a.m.
Pavilion 25 (Lobby Level)

Breakout Leader(s)

- [Victor Hazlewood](#), Information Security Officer, San Diego Supercomputer Center
- [Tom Bettge](#), Deputy Director, Scientific Computing Division, University Corporation for Atmospheric Research (UCAR)/NCAR

Abstract

The research cyberinfrastructure contains a wide variety of data stored on computing systems, SANs, archival systems, and data collection services. Access to such stored data requires authentication and access control. Data integrity assurance involves the mitigation of the risk of loss of data from a variety of sources including disasters, media corruption, software and hardware failures, operational errors, and unintentional or unauthorized activity. These data integrity assurance issues will be discussed and recommendations will be sought.

Authentication

Session Details

Breakout 5
Tuesday, December 13, 2005
9:10 a.m. - 10:10 a.m.
Conference 6 (First Floor/one level below the lobby)

Breakout Leader(s)

- [Von Welch](#), Manager, Security R&D, National Center for Supercomputing Applications
- [Kenneth J. Klingenstein](#), Director, Internet2 Middleware and Security, University of Colorado at Boulder

Abstract

Authentication and access control mechanisms abound. Researchers continue to find new and novel ways to interface to the IT infrastructure. How do research laboratories and centers bridge the divide between IT utility, ease of use, and the requirement for secure authentication and access control? A wide variety of methods and implementations will be discussed, including Shibboleth, Kerberos, one-time passwords, and other personal-identification verifications technologies that can be used in grids, gateways, and portals.

Refreshment Break

Session Details

Tuesday, December 13, 2005
10:10 a.m. - 10:30 a.m.
Junior Ballroom Foyer

Breakout Session Reports

Session Details

General Session
Tuesday, December 13, 2005
10:30 a.m. - 12:00 p.m.
Junior Ballroom

Abstract

A brief report from each of the five breakout session leads

Available Resources

Resources for this session are available in the [EDUCAUSE Resource Center](#).

- [View Session Resources](#)

Concluding Remarks

Session Details

General Session
Tuesday, December 13, 2005
12:00 p.m. - 12:15 p.m.
Junior Ballroom

Speaker(s)

- [Victor Hazlewood](#), Information Security Officer, San Diego Supercomputer Center



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