Community Dependency Mapping Workshop

A community consists of organizations that depend on many of the same cyber resources. Identification of common dependencies, whether cyber or physical, is essential for responding to cyber incidents. This workshop is specifically designed to facilitate identification of community and organizational cyber dependencies and how they relate to incident response and information sharing.

The goals of this three hour workshop are to increase participant understanding of critical infrastructure components within the community, determine potential risks and provide organizations with a map to improving incident response and cyber exercise planning. Participants will have the opportunity to discuss known critical cyber assets and will construct a community dependency map that can then be used for future planning purposes.

For more information, please visit http://cias.utsa.edu
The Center for Infrastructure Assurance and Security

Community Dependency Mapping Workshop

Overview
This is a 3 hour workshop designed to help participants understand the dependency that cyber resources within the community have on identified critical infrastructure sectors. Participants will gain a better understanding of how cyber incidents can impact critical infrastructure and the affects that these incidents can have on the community. At the end of the workshop, participants will leave with a map of community critical infrastructure sectors and their cyber dependencies. The map can be used to assess the community’s cyber threat impact, enhance exercise planning and/or develop thresholds and metrics for use in information sharing and fusion.

Audience
Participants should have some experience in continuity of operations planning, incident response planning or exercise planning.

Prerequisites
Participants should be members of the community in which the course is held. Previous participation in community exercises is preferred.

Course Materials
Lecture, practical exercises, dependency map and reference materials are provided.

Course Contents
Cyber Resources
- Definition of Critical Infrastructure/Key Resources (CI/KR)
- Importance of CI/KR’s
- Overview of each CI/KR
- Impact of CI/KR’s to a community
Risk Concepts
- Risk management terms and definitions
- Threats and vulnerabilities
- Impact considerations
Community Dependency Mapping
- Steps in mapping the community dependencies
- Group project - build the map
- Use the map - next steps