CISL’s role in the UCAR production pilot

15 May 2013
Acronym Soup

- Happy to take questions after presentation or contact me later if follow up needed …
  - … and as for acronym soup ingredients, please ask if I miss one or check decoder page at http://bit.ly/acronym-soup

- Vidyo
  - http://www.vidyo.com

- Selected as one option for a multi-function, cross-platform, collaboration tool
ML 34 (225607)

Status: Available
ML 34 Room: Occupied
CISL IT Sev0 Business Continuity Plan - DRAFT

Added by Jeff Custard, last edited by Jeff Custard on Apr 08, 2013  (view change)

CISL Severity ZERO high level Business Continuity Plan for IT - draft for review

Introduction

While there is no substitute for good judgment and informed improvisation by key technical staff, equally important is coordinated communication. This page is designed to outline basic items to cover and to help ensure individuals have been identified for a minimal set of key roles and benchmarks to hit during a major CISL IT outage.

For SEVERITY ZERO IT situations ONLY:

- we assume life/safety systems are stable
Vidyo – background at UCAR

- **CTAG**
  - Collaborative Technologies Advisory Group (led by F&A)
  - [https://wiki.ucar.edu/x/6YUmAw](https://wiki.ucar.edu/x/6YUmAw)

- **CISL/NWSC timing**
  - Need for collaboration tool between Boulder and Cheyenne
  - Hooks to video equipment at NWSC

- **Joint effort with staff from**
  - CISL/ESS
  - CISL/NETS
  - F&A multi-media services (MMS)
  - Following through on key CTAG recommendations (e.g., cross-platform collaboration tool, potential to free up meeting rooms, and many other related items)

- **Led by NETS from proof of concept testing to current production pilot**
  - Collaboration, management, communication, and coordination between ML and NWSC
  - Teleworking and job interview support
  - Team meetings/collaboration from many locations and end points
  - Business continuity preparedness
Vidyo Phased deployment at UCAR

- **Phase 1: Initial Configuration**  (~November 2011)
  - Initial Vidyo platform components received and installed

- **Phase 2: Internal Testing**  (November 2011 – March 2012)
  - Internal testing of usage scenarios within CISL and F&A, including H.323 testing and video capture and playback; SIP interaction with CCM
  - Possible vulnerability/security evaluations
  - Initial performance evaluations; NWSC connectivity

- **Phase 3: Expanded Testing**  (~April 2012)
  - Continued internal testing of usage scenarios with friendly users and power users
  - External testing with community partners
  - Final performance and security configurations
  - Evaluate and document test results; final recommendations

- **Production for Vidyo pilot at UCAR**  (~October 2012)
The Vidyo™ Conferencing Portfolio

VidyoDesktop

VidyoRoom

VidyoPanorama

VidyoReplay

VidyoRouter

VidyoGateway

VidyoPortal & VidyoRouter

VidyoMobile

VidyoRouter

VidyoGateway

H.323/SIP Endpoint

H.323/SIP Endpoint
Vidyo – licenses and limits

- **VidyoPortal**
  - Licensing (e.g., multi-tenant), user login, desktop software distribution (users get s/w here)
  - VidyoLines: each client uses a line
  - Executive Lines: not included in VidyoLine capacity for tenants that have purchased them

- **VidyoRouter**
  - 100 VidyoLines per VidyoRouter
  - VidyoProxy – firewall detection and traversal options

- **Vidyo Client**
  - Mobile (Android, iOS), Mac, Windows, Linux (Ubuntu, Debian, Fedora Core, SLC systems)

- **VidyoGateway**
  - To connect to outside video systems (does not consume VidyoLines; but has its own hardware limitations affecting capacity)
  - H323, SIP, and phone access (e.g., via Cisco Call Manager connection)

- **VidyoReplay**
  - To record and webcast Vidyo conferences

- **VidyoRoom**
  - Room based systems (do not consume VidyoLines)
Resources

- Vidyo web site: http://www.vidyo.com
- Vidyo help site: http://www.vidyo.com/knowledge-center
- UCAR Vidyo user support page: https://wiki.ucar.edu/x/uZnHB
- UCAR Vidyo project: https://wiki.ucar.edu/x/XorHB
- UCAR Vidyo support staff: https://wiki.ucar.edu/x/uoEVCg
  - vidyo@ucar.edu
Wrap-up / questions

- Potential to support many more UCAR user groups and broader deployment
  - Depends on requirements
- Any questions or further discussion?