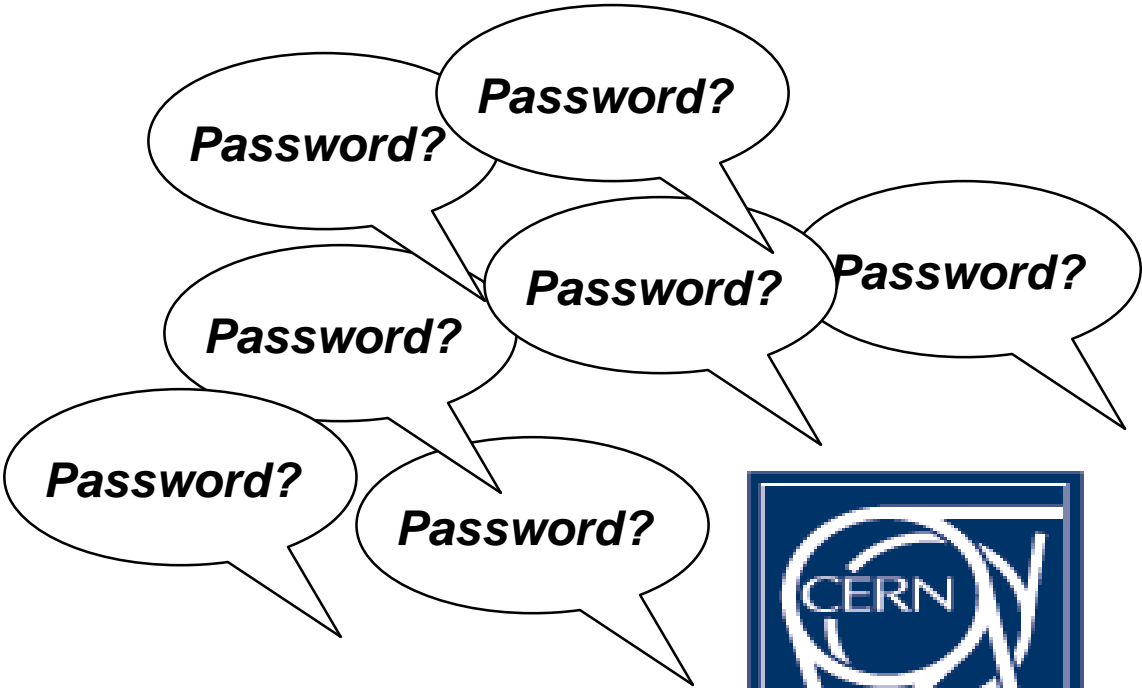
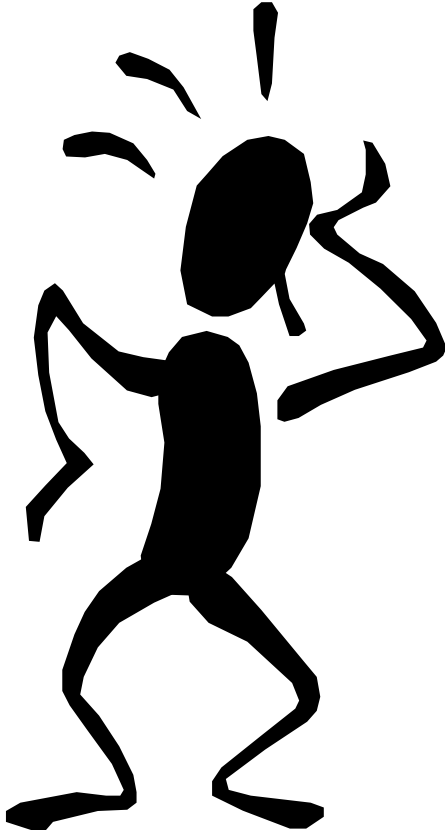


CLASP Phase 2: *Revised Proposal*

FOCUS, 3 May 2001

Denise Heagerty, IT/IS

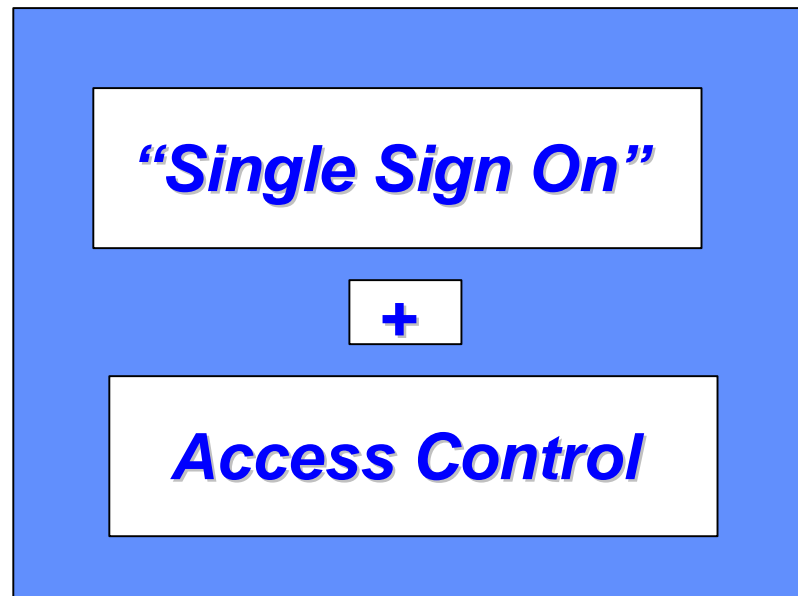


Outline

- ✍ **CLASP Project Goal**
- ✍ **CLASP Project Status**
- ✍ **Recommendations**
 - ✍ **based on test results and implementation issues**
- ✍ ***Revised* CLASP Phase 2 Proposal**



CLASP Project Goal

- ✍ Propose a detailed plan to reduce the number of login/passwords entered by users to access services they are authorised to use



CLASP Project Status



Service Survey and Feasibility Study results

-  documented at <http://cern.ch/proj-clasp>
-  recommended Kerberos v5 as the base authentication technology

Test environment implemented

-  Kerberos v5 authentication server with support for AFS and Grid Certificates
-  login authentication for Linux, W2000 and Grid clients

Implementation issues identified

-  no commercial support available - *niche* solution
-  functionality concerns for W2000 clients
-  future of AFS is being investigated

Recommendations

- ✍ **Keep existing authentication services**
 - ✍ not a good time for changes to Windows 2000 nor AFS
- ✍ **Continue to track authentication technology**
 - ✍ Kerberos, Certificates, smart cards, ...
- ✍ **Revisit options when AFS future is clarified**
 - ✍ Windows 2000 can provide Linux authentication
- ✍ **Provide an alternative way to achieve CLASP project goal in the short term**
 - ✍ *revised* CLASP Phase 2 proposal

Revised CLASP Phase 2 Proposal

✍ Design and pilot a password synchronisation tool

- ✍ includes *at least* Windows, AFS, Mail, AIS passwords
- ✍ synchronisation will be *optional* - not forced
- ✍ security review and password check & change policy
- ✍ use experience at CERN (NICE) and within HEPiX (JLAB)

✍ Recommend off-site access mechanisms

- ✍ including CERN and non-CERN portables

✍ Design and pilot a tool for common access control of web pages and files (“e-groups”)

- ✍ based on CERN databases & existing listbox mechanism
- ✍ needs to map people to accounts

Feedback from Desktop Forum Meeting of 28 March 2001

- ✍ **Password synchronisation tool**
 - ✍ limited interest - do not invest resources
 - ✍ does not achieve the goal of *less* passwords
- ✍ **Off-site access mechanisms**
 - ✍ support for easier off-site access and clearly documented recommendations
- ✍ **“E-groups” for web and file access**
 - ✍ support to implement a pilot tool to generate groups for use in access control lists
 - ✍ collaborate with related work in AS and EST divisions

<http://cern.ch/proj-clasp>

CLASP studies have been made in collaboration with many colleagues both inside and outside IT Division - Thanks!

