Implementation of Password Policy Project - Suggestions

Πίνακας κατά ομάδες χρηστών και τρόπους επαφής με το Τμήμα.

Users group	Windows Login	Unix Login	Webmail access	Thundbird /outlook/pine	Moodle access	Helpdesk webpage	VPN Access	Printing access
Students (active)	√	√	√ (not all)	√ (not all)	√	√	√	√
Students (inactive-graduated)			√ (not all)	√ (not all)			√	
Research (active)	Login on AD or Locally on their machines	√ (not all)	√	√	√ (as teaching assistant)	√	v	√ (all)
Research (inactive, or away from department)			√	√ (not always)		√ (not always)	√ (not always)	
Faculty (active)	Login on AD or Locally on their machines	√ (not all)	√	√ (not always	√	√	v	√ (all)
Faculty (on sabbatical leave, or ex-visiting)		√ (not all)	√	√		√	√	
Secretaries staff	√			√		√		√
Support staff	√	√	√	√	√	√	√	√
Sponsoring accounts (i.e courses,projects)			√ (not all)	√ (not all)	√			

Συμπεράσματα:

➢ Από τον πιο πάνω πίνακα, μπορούμε να συμπεράνουμε ότι ο π κοινώς τρόπος επαφής των χρηστών με το Τμήμα είναι μέσω email (είτε μέσω Webmail, είτε μέσω Thundbird /outlook/pine)

➢ Για τους ενεργούς φοιτητές θα πρέπει να εξευρεθεί και άλλος τρόπος ενημέρωσης τους π.χ στο login στα Linux και στα Windows να ενημερώνεται ο χρήστης ότι θα λήξει ο κωδικός του.

➢ Επίσης πρέπει να λάβουμε υπόψην και τους λογαριασμούς οι οποίοι είναι συνήθως μόνο για web uploading i.e courses, projects ή χρησιμοποιούνται περιστασιακά. (Ίσως η προσθήκη πεδίου στον LDAP, για email address του κατόχου να βοηθούσε, ουτωσώστε να ενημερώνεται ο κάτοχος του λογαριασμού)

1. Password policy we adopt

password minimum length: 8 characters
minimum required special chars (non-alphabetic, non-digit): 2
Keep password history and remember 2 password
notification period at least one week defore
password expired oevery 365 calendar days

2. How can users change their passwords ?

➢ Through **Self Service Password page**, **SSP** (needs to be developed by OTY)
See this http://testing.cs.ucy.ac.cy/andrim/ltb-project-self-service-password-0.7/
If the above is enough there is no need to proceed to the list below

➢ Through Webmail (needs to investigate further)

➢ Through Linux login (Already implemented and tested, but does not cover all users)

➢ Through Windows login

3. When passwords will expire?

Every 6 months. (What about summer? Excluding summer period?)

4. How the users know that their password is about to expired/has been expired/Allow login even after expired?

➢ **Through email .** An email will be sent 8 weeks before password expires, once per week. When password expired, users are allowed to login for 2 weeks before accounts denied login. (If openldap does not support we can change it to # of logins i.e 8 logins)
Check this http://ltb-project.org/wiki/documentation/ldap-scripts/checkldappwdexpiration

This is the email that you will get your account is about to expire
Subject: Your password will expire soon
TO: <<your email address>>
From: Computer Science HelpDesk - (helpdesk)
Dear <<your name>>,
Your password is due to expire on <<expire date>>. Please take a moment now to change it.TYPE the following into your browser:
its.cs.ucy.ac.cy/SSP/
_____
URLs in any legitimate ITS password message will always point to cs.ucy.ac.cy and will never be clickable. (This protects you from phishing.)
Access to Self Service Password through its.cs.ucy.ac.cy

This is the email that you will get your account has expired
Subject: Your password has expired
TO: <<your email address>>
From: Computer Science HelpDesk - (helpdesk)
Dear <<your name>>,
Your password expired on <<expire date>>.
To change it, TYPE the following into your browser:
its.cs.ucy.ac.cy/SSP/
_____
URLs in any legitimate ITS password message will always point to cs.ucy.ac.cy and will never be clickable. (This protects you from phishing.)
Access to Self Service Password through its.cs.ucy.ac.cy

➢ **Through Windows/Linux Login**
When users login into windows/linux machine, a message will be displayed, informed him about password expiration

> ## Through Webmail

- It seems that Horde supports password change but needs further investigation
- We can display message when user logins, informed him that password is about to expired

> ## Through Moodle

- Moodle seems to supports password expiration and notification (but needs further investigation. LDAP support done through Ms-AD)

> ## Through User Account Portal (wish list !!)

- What if we develop a page to display summary information for user.
  - i.e Password expiration days
    - Quota usage for home directories
    - Quota usage for windows profiles
    - Printing quotas
    - and allow users to change/reset their password

5. Self Service Password page

http://testing.cs.ucy.ac.cy/andrim/ltb-project-self-service-password-0.7/

Who will use it?

> All (Students , research, faculty,staff, (active, inactive))

Functions of the page (Initially)

- Reset expired password
- Allow users to change their password, before expired
- Sent email to users when change/reset their password
- Reset a forgotten password (add more options than the default, add more secret questions)