

IAC Unix Advisory Group minutes 20160218

Brian Duddek
Ty Boyack
Ray Frush
Shaila Parashar
CJ Keist
Paul Hansen
Wayne Trzyna
Wayne Hall
Kevin Swab
Jo Zwack
Curtis Brown
Daniel Hamp
Joe Collins

Ty introduced the need for a campus wide unix UID, but gave information that CSUIDs can't be used because of attack vectors

Ray said he was looking for some other number that can be used, and found a possibility, PIDM from ODS

Wayne T. asked about the usability

Kevin asked if PIDMs get reused, Ray said no

Wayne T. asked about CSU applicants and associates. Ray said PIDMs are not assigned for applicants, but are for associates because they're getting paid

Wayne T. explained that CS uses special accounts, like system accounts and shared accounts for classes. That would be outside a PIDM like number. Ray said IS uses other special UIDs for processes

Brian said in the realm of Active Directory, users get a SID, but they not in a friendly format.

Ty said MS has a SSSD; its a daemon, but it has a limit of 200K users

How would groups be defined? That's a more trickier problem, but that would be the next one to solve

Ty asked the basic question, "Is this valuable?". CJ said yes.

Wayne T. pondered on the feasibility of implementing this system.

Brian explained this seemed more of a user problem,

Daniel explained Pat authorized the use of CSUIDs on HPC systems, but that was over 2 years ago.

Wayne T. wondered about performance issues with large UIDs, but that seemed to be related to NIS databases

Ty moved to favor to get such a system made available. There was a unanimous vote in favor

Brain asked how to explain why this would be needed in his department. Ray and ty offered cases and situations why this would be beneficial

Curtis will ask about if AD SIDs change if eIDs return

On other topics, Ray said IS working on a encompassing NAS solution.

Ty announced NREL is looking for job candidates. CJ said they just completed a search and will forward some names

Brain said identity management is a huge problem. Curtis offered Randy Miotke as a resource. Daniel said Grouper was being looked at.

Wayne T. asked if people are still doing backups. Ray and CJ said they were. Wayne T. wondered about ransomware affecting backups. Ray explained recovery would depend on how far back backups are kept.

Wayne T. expressed issues hosting his own webserver.

Jo introduced herself and said she manages Mailman for the campus.

Kevin said he's working on ELK (Elastic search, Logstash, Kibana).

Wayne H. is exploring Grouper.

Daniel is working on HPC projects.

Joe is working on Hyper V and Xen and is curious to be up to date on unix authentication.

Shaila is working on HPC projects.

CJ asked about ZFS on linux. Curtis said ZFS will be included on ubuntu and will get tried out on LAMP 2.0.

Ty asked about the glibc bug. Everyone said they're going through patching, but noone encountered problems yet.

Shaila ask Wayne T. about SSH access on CS machines. Wayne explained they're only accessable via VPN. Ray praised fail2ban for it's effectiveness at stopping mass SSH logins.