

User Backend Authorization & Authentication migration @ RACF/SDCC

Jamal Irving
<jamal@bnl.gov>

70 YEARS OF
DISCOVERY
A CENTURY OF SERVICE



U.S. DEPARTMENT OF
ENERGY

BROOKHAVEN
NATIONAL LABORATORY

Modernization Next Steps

- Upgrade our backend infrastructure to a new system which will help facilitate an easier transition for across the board Single Sign On Usage.
- Establish a timeline for the migration cut over.
[12/05/2018][12/11/2018]

Modernization Next Steps

- Ensure that all existing users of the legacy Kerberos realms create a new password on the new IPA Kerberos database.
- New password creation can be done in 2 ways:
 - Self Service portal, which authenticates user against legacy Kerberos realm and prompts user to set up a new password.
 - Command line option, which allows a user to authenticate to a ssh gateway via their public key. User will then be able to execute a custom script which will allow them to set their new password.

Impact on users

- Change will be implemented on the backend.
- It will mainly be unseen.
- Biggest impact will be:
 - Password resets
 - 5 minute downtime time of the AFS cells (to point to a new Kerberos KDC)
- After 12/11/2018, front end systems will start being upgraded to a new Sign in page which will help support Single Sign on of more modern applications.

Questions?

Questions? Comments?

jamal@bnl.gov