Project Scope

• Migrate existing Infosource Database to new physical hardware (Oracle Real Application Cluster - RAC)

• Upgrade Oracle database version from 11.2 to 12.2
  • addresses a number of supportability / security-based issues and keeps us in line with software / hardware lifecycle management

• Part of a larger project to move over 30 Enterprise Oracle Databases

• Migration includes
  • Endian conversion
  • Character set update (Unicode AL32UTF8)
  • Enabling of encryption

• Will allow us to:
  • Retire legacy hardware
  • Stay on a supported version or Oracle Database
  • Address some security concerns
Timeline and Milestones

• UBIT has begun provisioning and technical migration tasks
• April to Mid May - Internal testing
• Mid May – Mid June - Infosource users will be given access to development environment for testing
• Production migration scheduled for **August 3rd – 4th**
What Users and Administrators Need to do Now.

• Update Infosource database passwords (if they have not been updated in the past year).
  • [https://www.buffalo.edu/content/www/ubinfosource/authenticated-pw/getting-started/chpwdonline.html](https://www.buffalo.edu/content/www/ubinfosource/authenticated-pw/getting-started/chpwdonline.html)
  • The newer database version will not work with passwords created with older versions of Oracle. In addition, it’s a good security practice!

• Ensure DB client is at least at version 11.2.0.4 or higher (certified versions).
  • Install instructions and version information can be found at [https://www.buffalo.edu/content/www/ubinfosource/authenticated-pw/getting-started/how2connect/ntins.html](https://www.buffalo.edu/content/www/ubinfosource/authenticated-pw/getting-started/how2connect/ntins.html).

• Be sure you’re using an updated TNSNames.ora file as given at: [https://www.buffalo.edu/content/www/ubinfosource/authenticated-pw/getting-started/how2connect/ntins.html](https://www.buffalo.edu/content/www/ubinfosource/authenticated-pw/getting-started/how2connect/ntins.html)
Questions?