GNIE – Sprint 08

Preparation:

- Site Rollout – Dominican Republic Call Center
    - Identify Network Latency
    - Create Security Group within Active Directory to restrict access to site instance
        - **GNIE_DO_CC**
        - **GNIE_DO_CC_Publishers**
    - Added MYIGT accounts for Publishers within the GNIE site instance of Joomla
    - Added MYIGT accounts for agents accessing the site Active Directory Security Group
    - Created Distribution List to contact the site's Publishers
        - **#GNIE-DominicanRepublicCC**
    - Gathered site content of Categories and Articles

- GNIE Files Microservice
    - Request a Virtual Machine within the Reno Datacenter that utilizes Zerto from the Engineering Team (**USRNOGNIEFIL01**)
    - Submit DNS request for **files.gnie.myigt.com**

- GNIE Database API Monitoring
    - Develop API that allows for the Database to be monitored remotely

Implementation:

- Coordinate with the Workforce team that there will be changes made to GNIE and that the site may become inaccessible during this time
- Disable notifications within heartbeat monitoring system (USTXNRCCADMON) with Task Scheduler
    - NRC\Monitoring\GNIE\Pings
- Disable service status notifications within Task Scheduler
    - USRNOGNIEAPP01
    - USRNOGNIEDB01

- Site Rollout – Dominican Republic Call Center
    - Create an Akeeba Backup of **QA DO CC**
        - Remote into the Reno Production GNIE system (**USRNOGNIEAPP01**)
        - Configure Joomla for the instance (DO CC)
        - Navigate to the **DO CC** Joomla Admin Portal within Production
        - Install Akeeba within the base Joomla files
            - Akeeba Standard & Akeeba Pro
        - Initialize a **Site Only Backup** – switch profile to Site Only within QA

- Ensure that the unwanted data tables are excluded from the backup by navigating to **Data Tables Exclusion**
    - Transfer the backup within the Akeeba directory for the new instance from QA
        - F:\GNIE\sites\do\cc\administrator\components\com_akeeba\backup
    - Restore the backup to the **USRNOGNIEAPP01** system
        - Ensuring the database configurations are correct
- Update the **IIS** permissions for the site
    - **GNIE_DO_CC**
    - **GNIE_DO_CC_Publishers**
    - **GNIE_Adminstrators**
- Remove all groups except **MYIGT\GNIE_Administrators** from the **DO CC administrator** directory within the instance

- GNIE Files Microservice
    - Build PHP/MySQL CRUD (Create, Read, Update, Delete) application for sites within the GNIE instance to store files
    - Migrate source code over from QA system (**USAUSGNIEFILQA01**) to Production system (**USRNOGNIEFIL01**)
    - Configure Production MySQL Database to replicate QA Database
        - Schema: **gnie_files**
        - Tables: **files_cr_cc**
            - Columns:
                - id
                - fileName
                - fullName
                - created
                - createdBy
                - modified
                - modifiedBy
    - Within IIS on the Production system, add **MIME Type** for Outlook files to be an approved file type
    - Upload Costa Rica files (.oft & .msg) to the File Server

- GNIE Database API Monitoring
    - Create the following API Directories:
        - **api/database/gnie**
            - Place source code within directory
        - **api/database/gnie_files**
            - Place source code within directory

Post-Implementation:

- Site Rollout – Dominican Republic Call Center
  - Email the Publishers of **DO_CC** letting them know that the site has been successfully implemented to Production
- GNIE Files Microservice
  - Update Costa Rica GNIE Articles to reference the new paths of the files
- GNIE Database API Monitoring
  - Verify APIs are communicating with the database, returning "Success" or "Failure"
- Re-enable notifications within heartbeat monitoring system (**USTXNRCCADMON**) with Task Scheduler
  - NRC\Monitoring\GNIE\Pings
- Re-enable service status notifications within Task Scheduler of the following systems:
  - **USRNOGNIEAPP01**
  - **USRNOGNIEDB01**
- Notify Workforce that maintenance is complete