IASSIST Dataverse/iRODS Workshop Hands-On Instructions
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IASSIST 2016

IP Address for your cluster

Ask Instructor for IP address to be used

Open web browser

Enter http://xxx.xxx.xxx.xxx from above

Create Project

- Select “Create Project”
- Enter the project username/password

Login to Project

- Enter project username/password

Launch iRODS iCAT “Preservation Server”

- Select “+” next to iRODS iCAT service
- Check “iRODS Cloudbrowser UI” to deploy optional Cloudbrowser UI
- Rename with “**Preservation**” in name
- Generate or specify the rods user password use “**rods**”
- Specify zone “**fedZone**” for the Cloudbrowser (if you change this, you also need to change the zone for the iCAT server under ‘Advanced’)
- Accept default storage configuration
- Select “Launch Stack” button

Confirm access to preservation server via Cloudbrowser

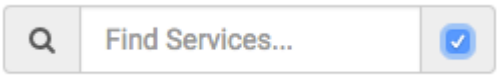
- After stack is started, select “Config” button for iRODS iCAT service, note rods password and service IP address ‘internal ip” not external!
- Select endpoint link next to iRODS Cloudbrowser UI to launch integrated Cloudbrowser.
- Enter “rods” and associated password “rods”

Launch Dataverse

- Select “+” next to Dataverse
- Check “Dataverse iRODS iCAT” to deploy optional integrated iCAT Do not use 2 Ravens in this workshop
- Generate postgres password use “**dataversedb**”, rods user password use “**dvnrods**”, enter “**your@xxx.xxx**” email address for curator notification, enter IP address of iRODS preservation server (from above)
- Decrease “Cron Frequency” in advanced config from 5 to **2** minutes

- Accept default storage configuration
- Select “Launch stack”

Launch standalone Cloudbrowser UI to connect to Dataverse iCAT instance



- Select Find Services checkbox
- Select “+” next to iRODS Cloudbrowser UI
- Rename Stack “DVNcloudbrowserui”
- Enter “**dvnZone**” for iRods zone
- Select “Launch stack”

Upload sensitive data

- Select endpoint link for Dataverse
- Login **dataverseAdmin** use password “**admin**”
- Select “Add Data” > “New Dataset”
- Upload SensitiveData4.txt, harris_s884002_argen_spss.tab and IFDOposter2016.pptx
- Select Publish then Yes, Publish Both
- Wait for cron task to run
- Wait for email notification “Suspected sensitive data” Could take up 6 min

View Bitcurator output in Cloudbrowser

- Select endpoint link next to standalone Cloudbrowser UI
- Enter:
    - IP address: “**Internal Address**” (without port) from Dataverse iCAT config
    - Port: 1247
    - Zone: **dvnZone**
    - Username: **dataverse**
    - Password: PRESERVATION_PASSWORD value from Dataverse iCAT config use “**dvnrods**”
- Browse to path from email
- Note attribute “CURATOR_REVIEW=Sensitive”
- Browse to /dvnZone//home/dataverse/bitcurator_output to view raw output

View preservation server via Cloudbrowser

- Select endpoint link for iCAT preservation server Cloudbrowser UI
- Login with **rods** user and configured password “**rods**”
- Browse to /dvnZone/home/dataverse/dvn_preservation/... , note that while directories exist, the sensitive file has not been archived. Only public items were preserved.