

ISLE 1.1 Release Candidate Testing Instructions and Details

These instructions provide further details for the [ISLE 1.1 RC Testing Matrix](#). If you wish to contribute to the ISLE project by testing the 1.1 Release Candidate, please enter your information into an empty column on that spreadsheet and use the following instructions as a guide.

Please read each section carefully, as several tests have specific instructions or caveats. Questions should be directed to the [ISLE IG Google Group](#).

HOST SETUP (For Mac and Win10 test

0-1 Able to successfully install Docker and other required software?

Following the directions here: [Mac High Sierra](#) or [Windows 10](#), are you able to successfully install all necessary prerequisites for running ISLE on a test Mac or Windows machine?

ISLE/DOCKER IMAGES

1-1 Able to create new ISLE instance or update existing ISLE?

Are you able to successfully follow the [Test](#) or [New Site](#) instructions without errors, start the ISLE containers and install Islandora? If updating an existing ISLE instance, did all containers update properly?

1-2 Able to view Traefik admin port?

Can you connect to the Traefik admin port at `http://{serverIP}:8080` (replace {serverIP} with the Islandora server's IP address, or for testing sites, use `http://localdomain:8080`) NOTE, we do NOT want you to expose Traefik externally. Your institution's firewall rules may prevent you from accessing this port, which is okay as long as Islandora is up and running correctly. Simply skip this test if that is the case.

1-3 Able to view Portainer Admin panel?

Can you connect to the Portainer Admin panel at `http://{serverIP}:9010` (replace {serverIP} with the Islandora server's IP address, or for testing sites, use `http://localdomain:9010`) NOTE, we do NOT want you to expose Portainer externally. Your institution's firewall rules may prevent you from accessing this port, which is okay as long as Islandora is up and running correctly. Simply skip this test if that is the case.

1-4 Able to view Tomcat admin panel for fedora container?

Can you connect to the Fedora Admin Panel: `http://{serverIP}:8081/fedora` (replace {serverIP} with the Islandora server's IP address, or for testing sites, use

http://localhost:8081) Your institution's firewall rules may prevent you from accessing this port, which is okay as long as Islandora is up and running correctly. Simply skip this test if that is the case.

1-5 Able to view Tomcat admin panel for solr container?

Can you connect to the Solr Admin Panel: `http://{serverIP}:8082/solr` (replace {serverIP} with the Islandora server's IP address, or for testing sites, use `http://localhost:8082`) Your institution's firewall rules may prevent you from accessing this port, which is okay as long as Islandora is up and running correctly. Simply skip this test if that is the case.

1-6 Able to view Tomcat admin panel for image container?

Can you connect to the Image Admin Panel: `http://{serverIP}:8083/cantaloupe` (replace {serverIP} with the Islandora server's IP address, or for testing sites, use `http://localhost:8083/cantaloupe`). If you have set Islandora to use adore-djatoka instead of IIIF's cantaloupe, the address is `http://{serverIP}:8083/adore-djatoka`. Your institution's firewall rules may prevent you from accessing this port, which is okay as long as Islandora is up and running correctly. Simply skip this test if that is the case.

DRUPAL INSTALLATION

2-1 Able to view domain / website url as anonymous user?

Does the Islandora website load properly in a browser if you are not logged in?

2-2 Able to login to Drupal site as an admin user?

If you have created a new site, use the login information you provided in the .env file during installation to log in.

2-3 If you are running Drupal as a multisite, are you able to access all sites?

Note: This is if you are running multiple sites on a single Drupal code base, NOT if you are running ISLE multi-site for development/staging/production. If you are not sure, then you are probably not running a Drupal multisite.

SAMPLE OBJECT INGESTION

Please follow the same tests for all Object Types (Basic Image, PDF, Audio, etc):

3-1 Able to ingest the test sample objects?

Test sample objects are found [here](#)

3-2 Able to view a sample object?

Does the object appear as expected in the viewer for that object type (ex. Internet Archive Book Reader, OpenSeadragon)?

3-3 Able to download a sample object?

When logged in as an Islandora admin or other user with permissions and viewing an object, go to Manage > Datastreams. Find the OBJ datastream and select Download. Open the downloaded file. Is it correct?

3-4 Able to edit sample object's title using the XML form?

When logged in as an Islandora admin or other user with permissions and viewing an object, go to Manage > Datastreams. Find the MODS datastream and click on "edit". Make a change to the object's title and click on Update. Did Drupal report success? Click on the View tab. Is the new title reflected in the Metadata section?

3-5 Able to edit the Item Label of an sample object's Properties?

When logged in as an Islandora admin or other user with permissions and viewing an object, go to Manage > Properties. Make a change to the Item Label and click Update Properties. If Drupal reports it has successfully updated the object, click on the View tab and verify that the new Item Label is reflected on the page.

3-6 Able to edit MODS datastream for sample object?

When logged in as an Islandora admin or other user with permissions and viewing an object, go to Manage > Datastreams. Download the MODS file and make a change. Replace the file. Click View and verify that the Metadata tab shows the new information.

3-7 Able to delete TN derivative for sample object?

When logged in as an Islandora admin or other user with permissions and viewing an object, go to Manage > Datastreams. Find the TN datastream and click the Delete link to the right.

3-8 Able to regenerate all derivatives for sample object?

When logged in as an Islandora admin or other user with permissions and viewing an object, go to Manage > Properties > Regenerate All Derivatives

MAINTENANCE TASKS

4-1 Able to view the expected number of data objects?

Click on a collection and look for the statement "XX items found in collection..." Does that number match the expected number of items?

4-2 Able to run Drupal cron manually as signed in user?

Go to Configuration > System > Cron and click on Run Cron. Does Cron run successfully?

4-3 Confirm that Drupal cron runs automatically as scheduled?

From the Cron page above, you can set Cron to run every hour. After enough time has passed, go to Reports > Status Report. Look for Cron maintenance tasks and verify Cron ran when expected. Go to Reports > Recent Log Messages and look for errors related to Cron.

4-4 Able to view / tail logs from within containers

In the command line/Power Shell, in the ISLE directory run, `docker exec isle-apache-ld bash` and then `tail -n 30 -f /var/log/apache2/isle.localdomain-access.log` - then refresh the site. Do the logs show new activity? Success if yes, fail if no.

4-5 Able to view / tail logs on Host server?

In the logs/ folder pick any directory and view the file in your favorite log viewer (text editor).

4-6 Able to run a Solr search from website and find ingested objects?

Visit the solr container at <http://isle.localdomain:8082/solr> (you're visiting <http://localhost:8082/solr> or <http://{ip-of-container}:8082/solr>). In the Solr admin panel, select the collection from the drop-down menu, go to the search button, run a query. Note: this is not accessible from the outside, so you will need to run this from the host server or workstation.