

Create a Production Deployment of Redesign Applications

Steps to Create a Production Deployment of USAS/USPS

1. First, you must have a backup of a local Docker production deployment that you can use to create the MCOECN Hosted deployment.
 - a. If your ITC is copying nightly backups to MCOECN for an offsite copy, you already have a backup that will be used. Proceed to Step 2.
 - b. If your ITC does NOT host with MCOECN and does not send offsite backups to MCOECN, follow the steps in [Upload a Local Docker Backup to the MCOECN](#) to get a backup of your district data to the MCOECN.
When the Service Broker task below is run, it will find your backup by IRN and restore it to the new application.
2. Make sure you can log into <https://cloud.managementcouncil.org> and see **Service Broker** and the catalog items. If this is the first time your ITC is using MCOECN Hosting, we may need to create an MCOECN.ORG account for you, or grant access to the VRA portal to your existing account.

If you are having trouble logging into <https://cloud.managementcouncil.org>, you can use the Self Service website to reset your password if you have previously registered an alternative account for password recovery.
<https://selfservice.managementcouncil.org>

3. Run the **Redesign Production** catalog item by clicking **Request**.



Redesign Production
vRealize Orchestrator W...

Create a production deployment of any Redesign application. NOTE: You must have a backup available to be restored to create a production deployment.

Projects:

REQUEST

4. Fill out the form.

- ITC Name will be filled in for you (unless you manage Redesign for other ITCs as well, if so, choose the ITC under the **Project** dropdown).
- Choose the district from the **District Name** drop-down.
- Check the boxes next to the application(s) you wish to create.

New Request

 Redesign Production

NOTICE: This will deploy a PRODUCTION Redesign into the new TANZU platform. ONLY use this to deploy applications for districts that have had USAS/USPS moved over to Tanzu, or for brand new Districts being put on Redesign for the first time.

Project *	LACA State Software
Deployment Name *	Redesign Production Mon, 13 Mar 2023 0
ITC Name	LACA
District Name *	East Muskingum Local SD (048835)
USAS	☒
USPS	☒
INVENTORY	☐
WORKFLOWS	☐

Optionally, Add More
Emails to Notify (The
requestor will
automatically get an
email)

Additional Email
Comments

5. Click the  button to run the task. The **Redesign Production** item will:

- Find your backup file by the IRN
- Automatically create a new deployment of USAS/USPS/INVENTORY/WORKFLOWS
- Will restore your backup into it
- Will email you a notice when the task is complete (takes about **10 minutes per application**).

6. **APPLICATION INTEGRATION:** USAS and USPS will automatically integrate with each other in the MCOECN Hosted Environment. No manually intervention is required to get USAS and USPS integrated. **You do NOT need to create API Keys within the applications if you are using MCOECN hosting (doing so can actually BREAK the integration within the MCOECN hosted Kubernetes environment).**

If you deploy Inventory or Workflows, API keys will be automatically generated and added to the USAS and USPS configuration files. However, you **must** run the catalog item **Reconfig USXS** to **apply** the Inventory/Workflows integration configuration to USAS and USPS (which will restart the applications). This part does not happen automatically. We do this because we do not want the creation of a Workflows or Inventory deployment to restart USAS/USPS outside of ITC Staff control. We do not want production applications taken down unexpectedly/accidentally during business hours.



Reconfig USxS

vRealize Orchestrator W...

CAUTION: This item will reconfigure a production USAS or USPS instance. Use after deploying INVENTORY or WORKFLOWS.

Projects:

REQUEST

New Request



Reconfig USxS

Project *

LACA State Software



Deployment Name *

Reconfig USXS (Tanzu) Mon, 13 Mar 2023

CAUTION: Running this item will reconfigure a production instance of USAS or USPS, taking it offline for a few minutes. Use this item after deploying a new INVENTORY or WORKFLOWS instance. INVENTORY and WORKFLOWS add new API keys into USAS configuration, but they do not take effect until you run this item to apply the changes and restart USAS/USPS.

For INVENTORY : Reconfig USAS ONLY!

For WORKFLOWS: Reconfig USAS and USPS both!

ITC Name *

LACA

Deployment Type

Production



Select an application deployment to reconfigure *

laca-ce-usas



Run Date/Time *

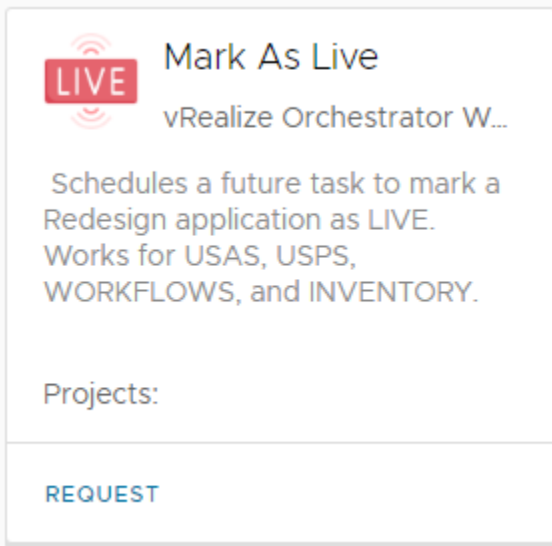
03/12/2023 11:00 PM



SUBMIT

CANCEL

7. Do what you need to do to verify that everything looks good (run reports, compare balances, etc). When you are ready to "go live", you will run the VRA **Mark As Live** option to flag each application as "live".



This protects the application from being overwritten by running another **Redesign Production** over top of it. It also adds the application to the MCOECN Automated nightly backups.

8. **If you have Kiosk integrated with USPS, you must update your OLD SOAP service URL to be the new "ssdt-ohio.org" URL.**
9. **If the district has OTHER 3rd-party apps that integrate with SOAP, you must update those URLs as well.**



You can run **Redesign Production** for a district as many times as you need to, until you run **Mark as Live** on that district's applications.

After that, running **Redesign Production** on that same district's applications will fail....it will not overwrite a district application marked as "LIVE".



If you connect your local Redesign applications to your own ITC's Active Directory, you will need to allow LDAP access from the MCOECN hosted environment to your local Active Directory server(s) through your ITC firewall.

All LDAP requests from the MCOECN Hosted applications will come from source IP address :

208.108.246.14

This only needs to be completed one time per ITC.