

ACR API, Proof of Concept

WHAT IS THE ACR API?

The ACR API is a centralized RESTful API that distributes and manages the location of commercial and government ACRs. The ACR API was developed by the GSA IT Collect team, and was launched as a Proof of Concept to GSA stakeholders in September 2023

HOW TO GET TO 'LAUNCH'?



PRIMARY FUNCTIONALITY

Functionality	Description	Location
Create Client IDs for ACR API interaction	Application Administrators can generate OAuth 2.0 Client IDs to access the ACR API	OAuth 2.0 service
Apply Role Based Access Control	The ACR API can apply role based security to all application users, managed through GSA admins	OAuth 2.0 service
Create and Maintain Vendor List	Leveraging RESTful operations, GSA admins can maintain a list of vendors (Microsoft, Oracle etc.) . Admin users can also deactivate Vendors, triggering a cascading deactivation of Products	{{baseUrl}}/api/vendors
Create and Update Product Listing	ACR API users, can upload product listings for their vendors through standard RESTful operations	{{baseUrl}}/api/products
Create and Update ACR Indexes	ACR API users can attach index hyperlinks to each Product through standard RESTful operations	{{baseUrl}}/api/hyperlinks
Delete Products and Hyperlinks	ACR API users can perform a soft delete on products and hyperlinks	{{baseUrl}}/api/hyperlinks?id
Search Products	All application users can query and search on Products	{{baseUrl}}/api/products

NEXT STEPS

- ☐ GSA to perform UAT on the ACR API proof of concept
- ☐ GSA to decide if Proof Concept meets Sept 30th ACR Performance Metric
- ☐ Leveraging UAT finding, GSA to prioritize features for Production MVP
- ☐ GSA and Booz Allen IT Collect team to agree upon scope of work for Production MVP, within existing funding levels
- ☐ GSA and Booz Allen IT Collect team to determine scope of supplemental marketing / promotional material, comms materials for launch

DATA MODEL

