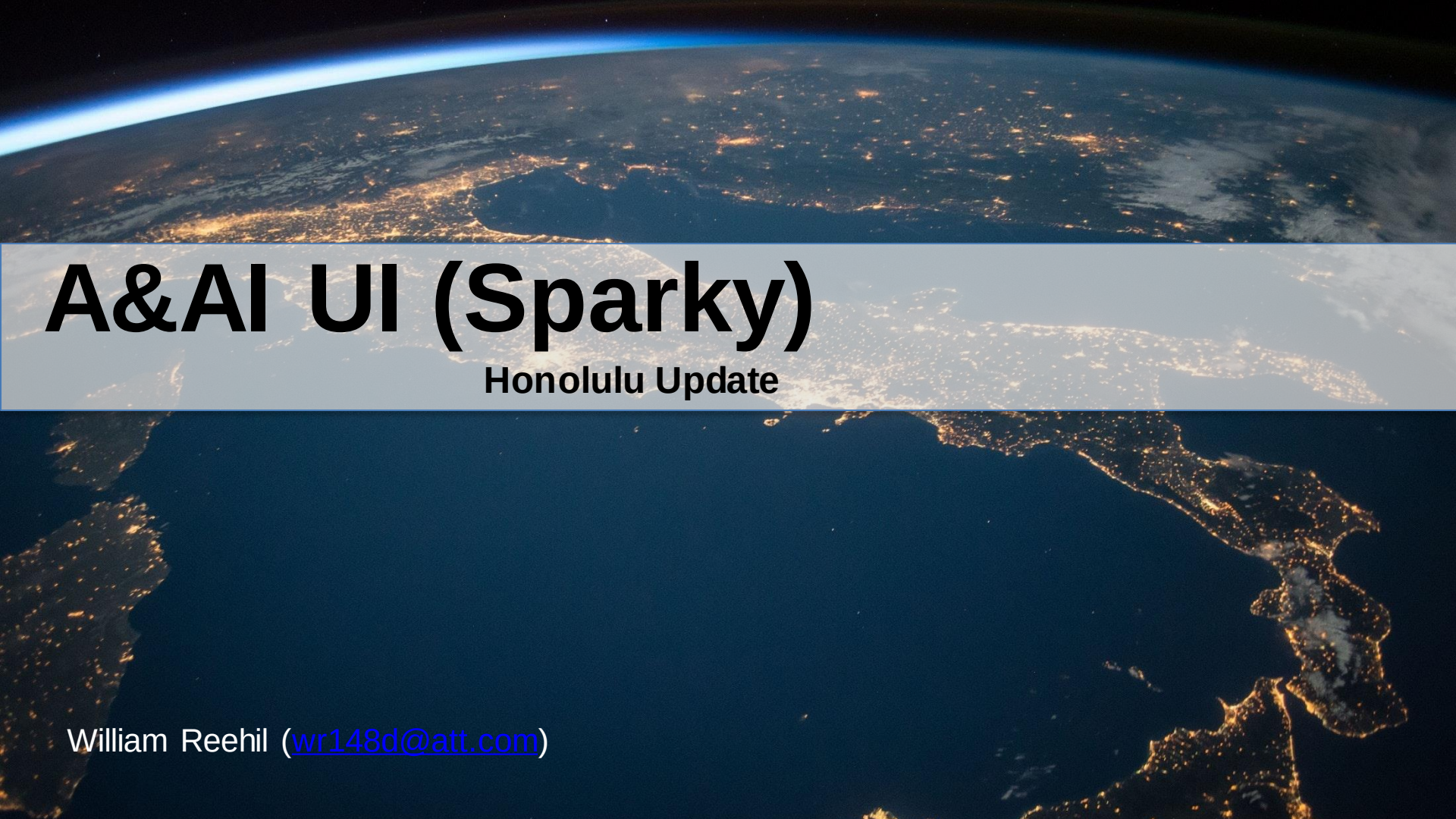


A&AI UI (Sparky)

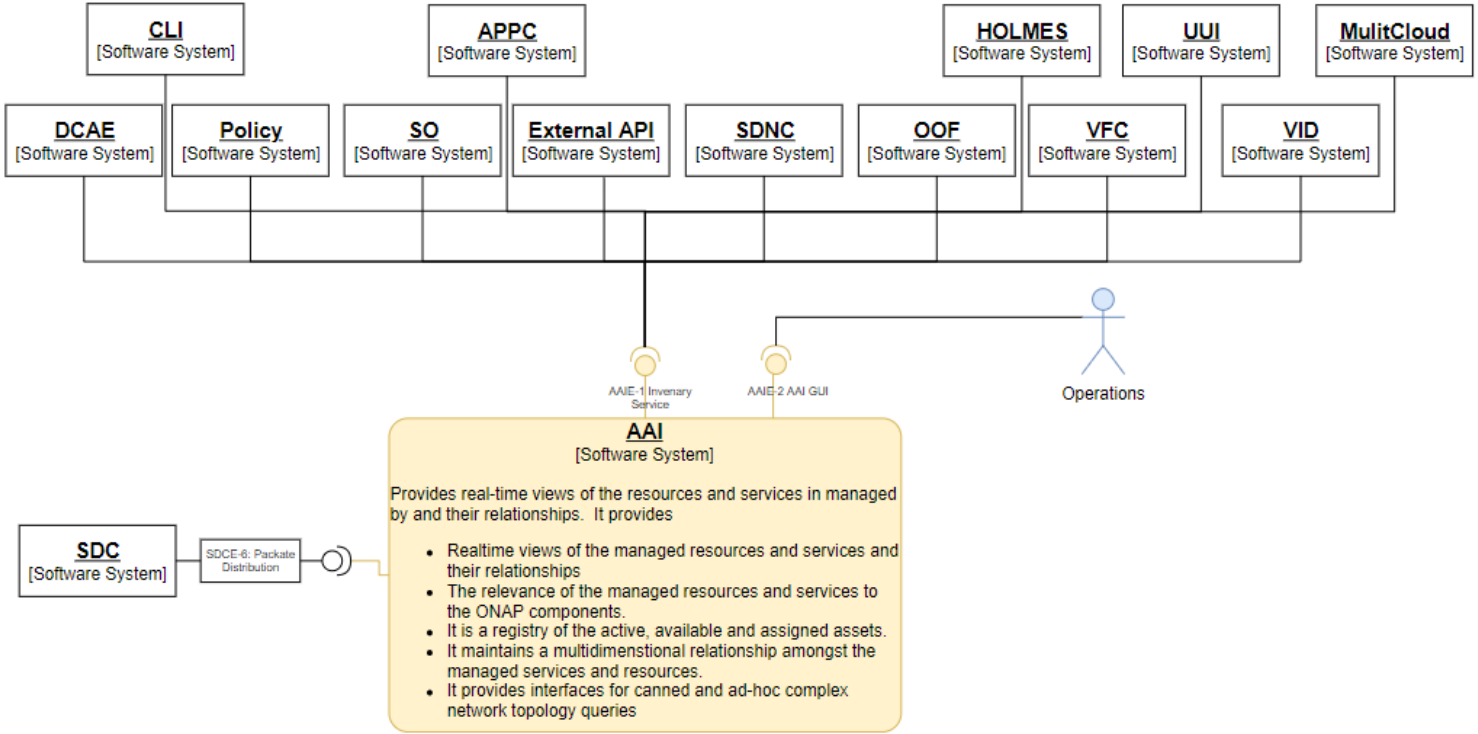
Honolulu Update

William Reehil (wr148d@att.com)

AAI

- What is it?
  - Stands for Active & Available Inventory
  - Registry of the active, available, and assigned assets in ONAP
  - Subsystem that provides real-time management & views of the resources, services, and their relationships via dynamic schema-driven APIs

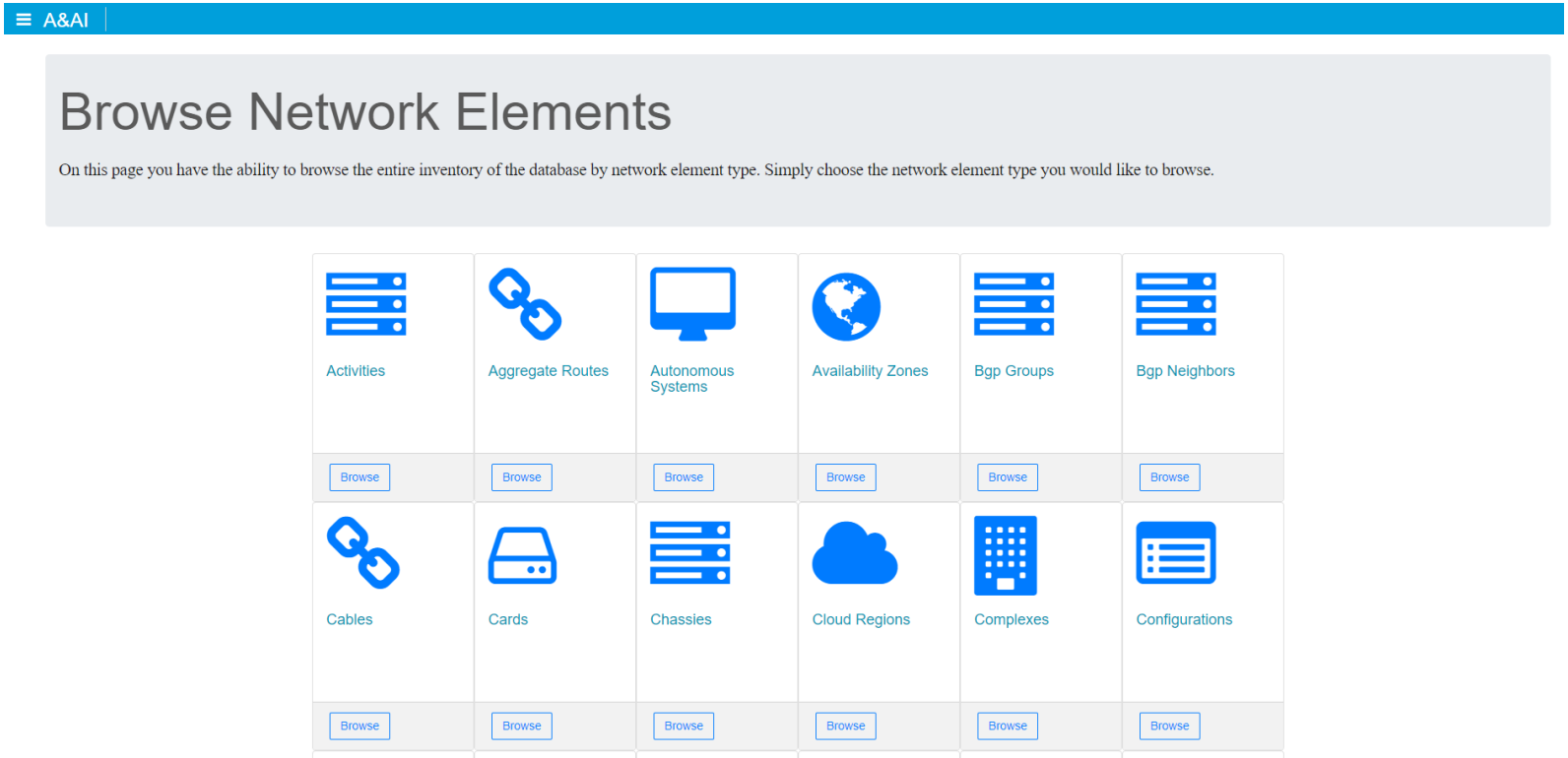
AAI


CLI
[Software System]
APPC
[Software System]
HOLMES
[Software System]
UUI
[Software System]
MulitCloud
[Software System]
DCAE
[Software System]
Policy
[Software System]
SO
[Software System]
External API
[Software System]
SDNC
[Software System]
OOF
[Software System]
VFC
[Software System]
VID
[Software System]
AAIE-1 Invenary Service
AAIE-2 AAI GUI
Operations
AAI
[Software System]
Provides real-time views of the resources and services in managed by and their relationships. It provides
Realtime views of the managed resources and services and their relationships
The relevance of the managed resources and services to the ONAP components.
It is a registry of the active, available and assigned assets.
It maintains a multidimenstional relationship amongst the managed services and resources.
It provides interfaces for canned and ad-hoc complex network topology queries
SDC
[Software System]
SDCE-6: Package Distribution

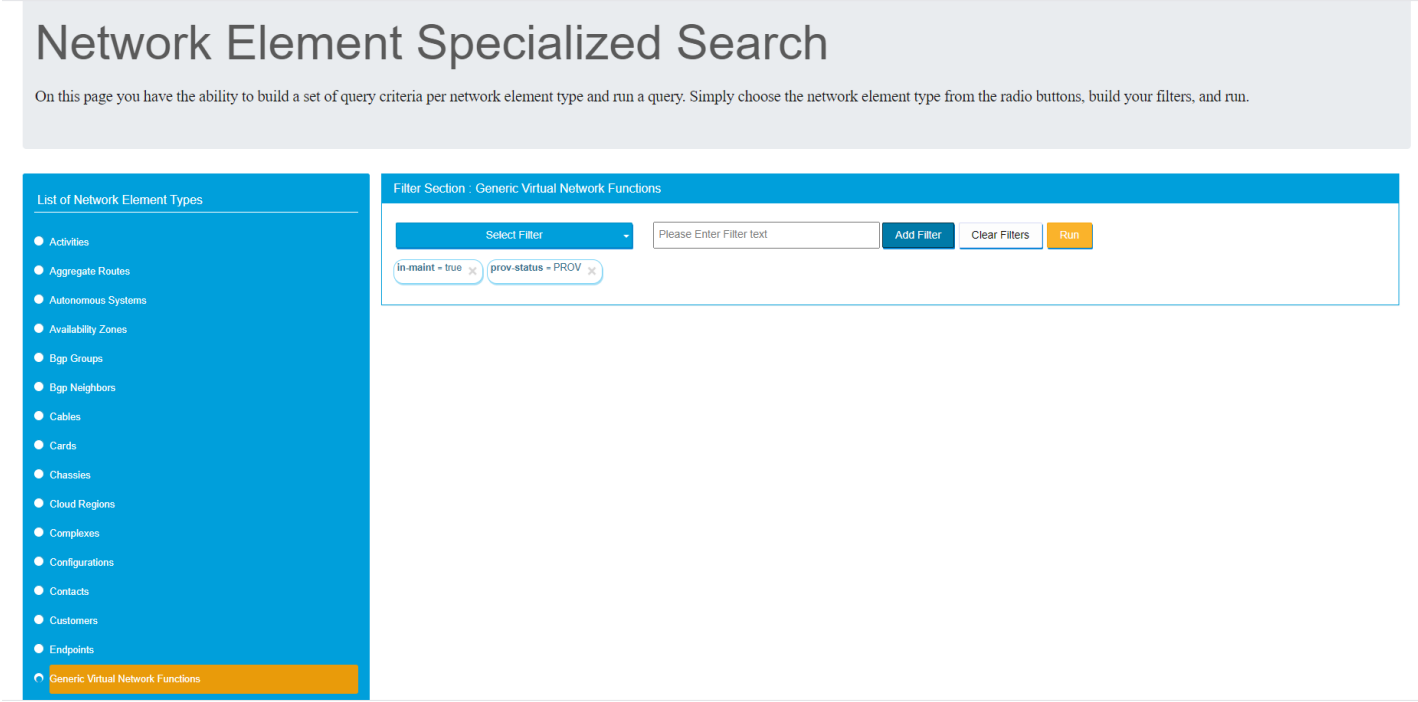
Sparky UI

- Schema-driven functionality
- Inventory browsing & filtering
- Self Serve Complex DSL (Domain Specific Language) Query creation
- Visual DSL Query Builder

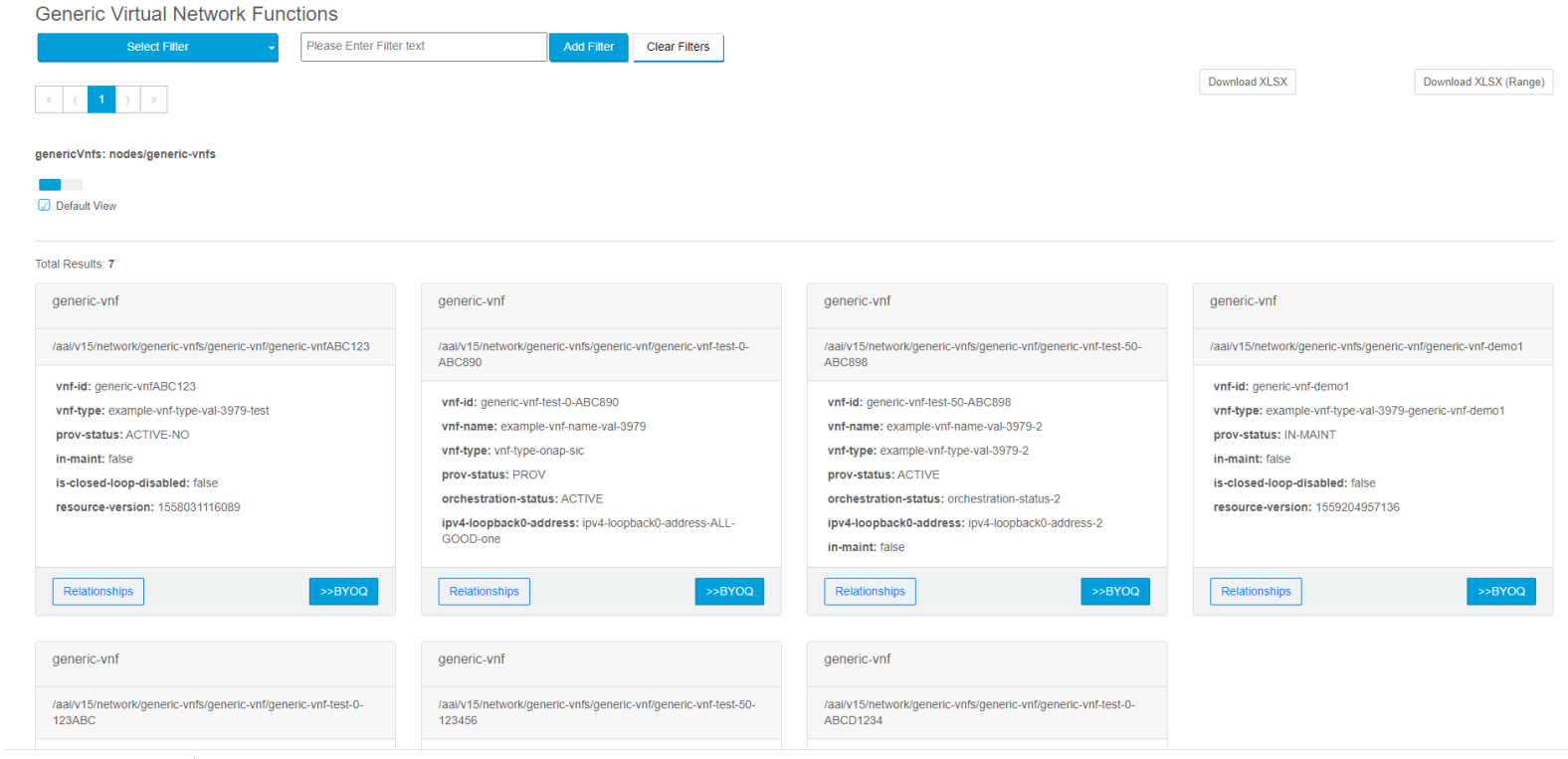
Sparky Browsing



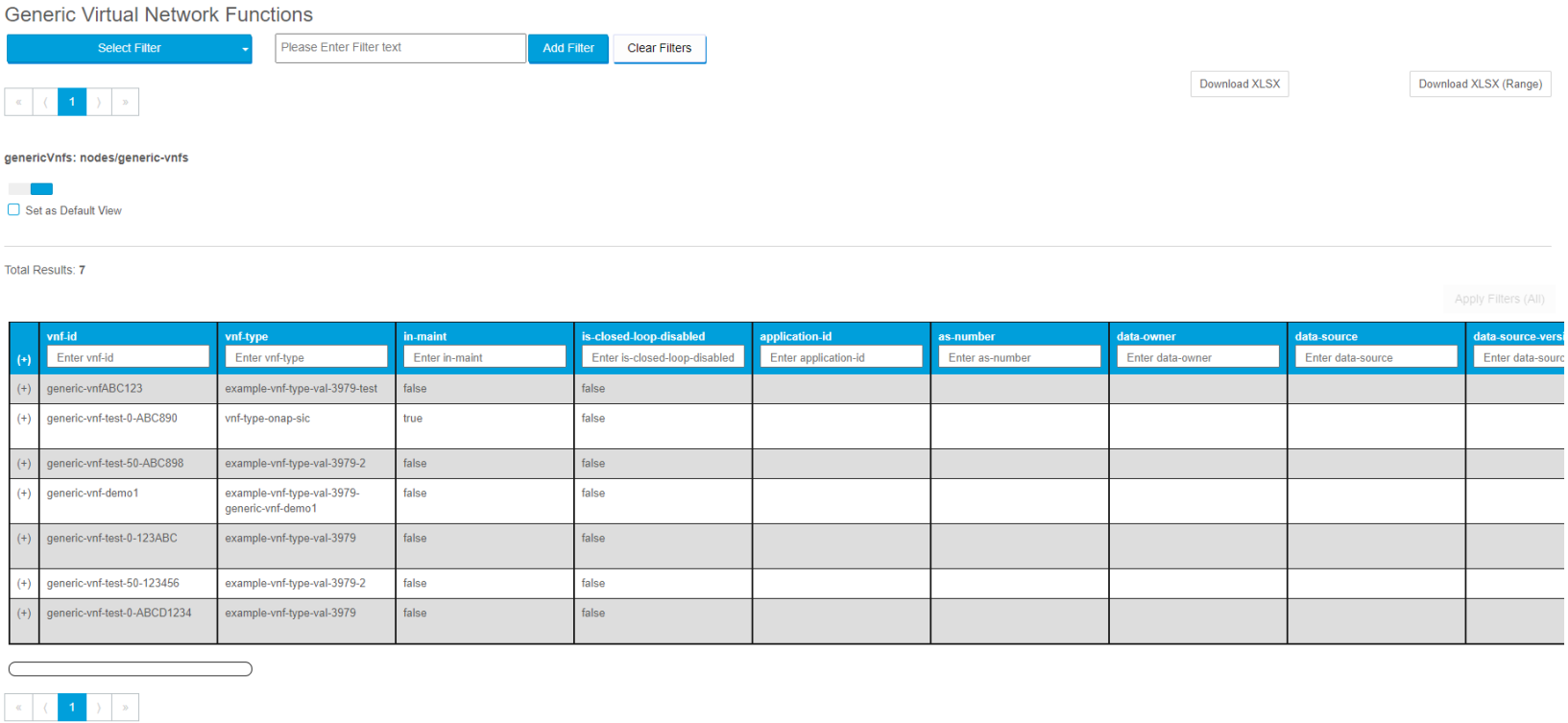
Sparky Filtering



Sparky Results (Card Based)



Sparky Results (Table Based)



Sparky DSL Query Builder

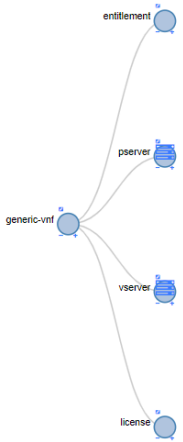
Visual Query Builder for **B**uild **Y**our **O**wn **Q**uery

Visually build your own query, you can click the + icon to add objects to your query, - icon to remove objects from your query, or the pencil icon/double click to edit attributes. Single click and drag in the view to pan, use scrollwheel or pinch to zoom.

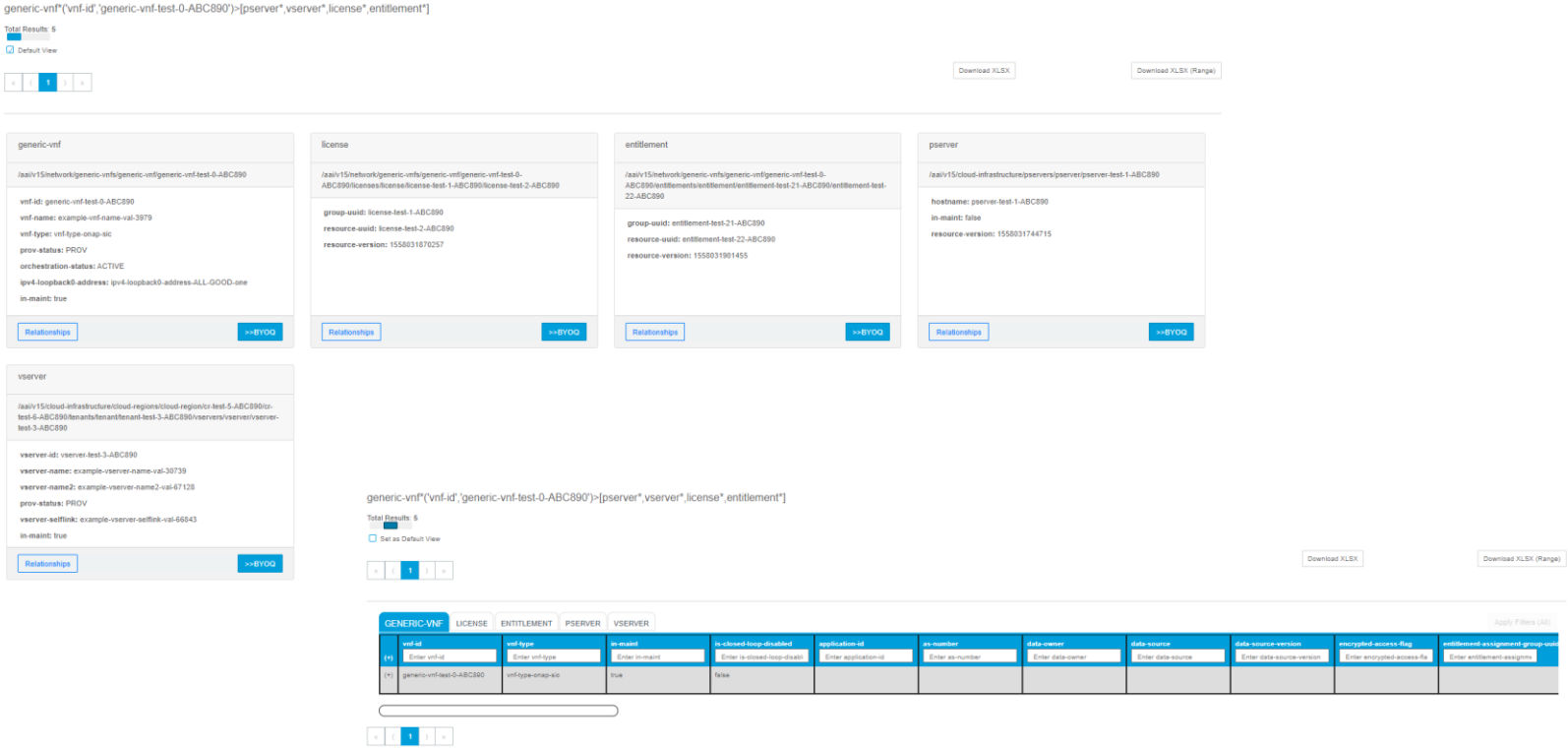
Run Query | Manual Edit & Run

☐ Aggregate Objects ☑ Auto Zoom Enabled

DSL Query: generic-vnf*('vnf-id','generic-vnf-test-0-ABC890')>[entitlement*,pserver*,vserver*,license*]

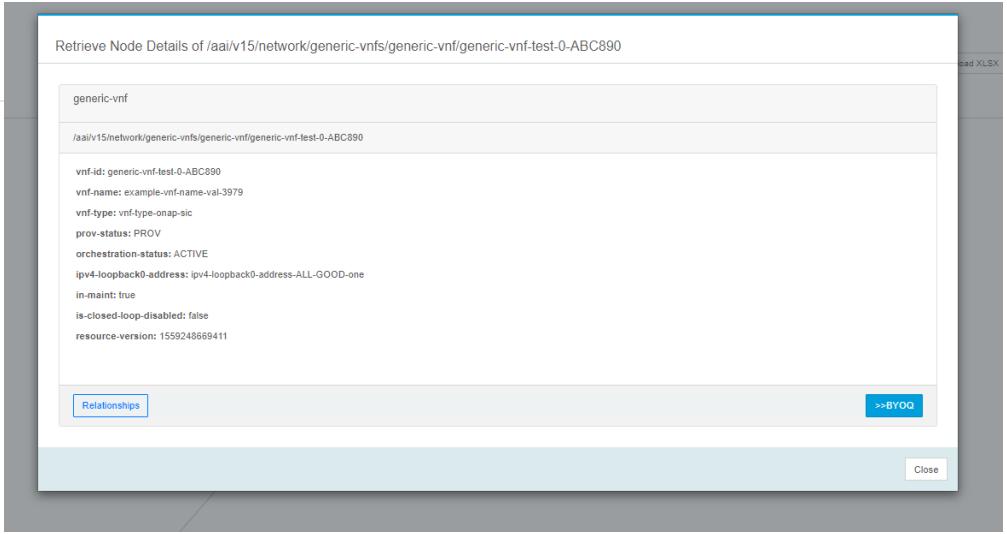


Sparky DSL Query Results



Sparky DSL

generic-vnf*('vnf-id','generic-vnf-test-0-ABC890')>[entitlement*,pserver*,vserver*,license*]

Total Results: 5

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