

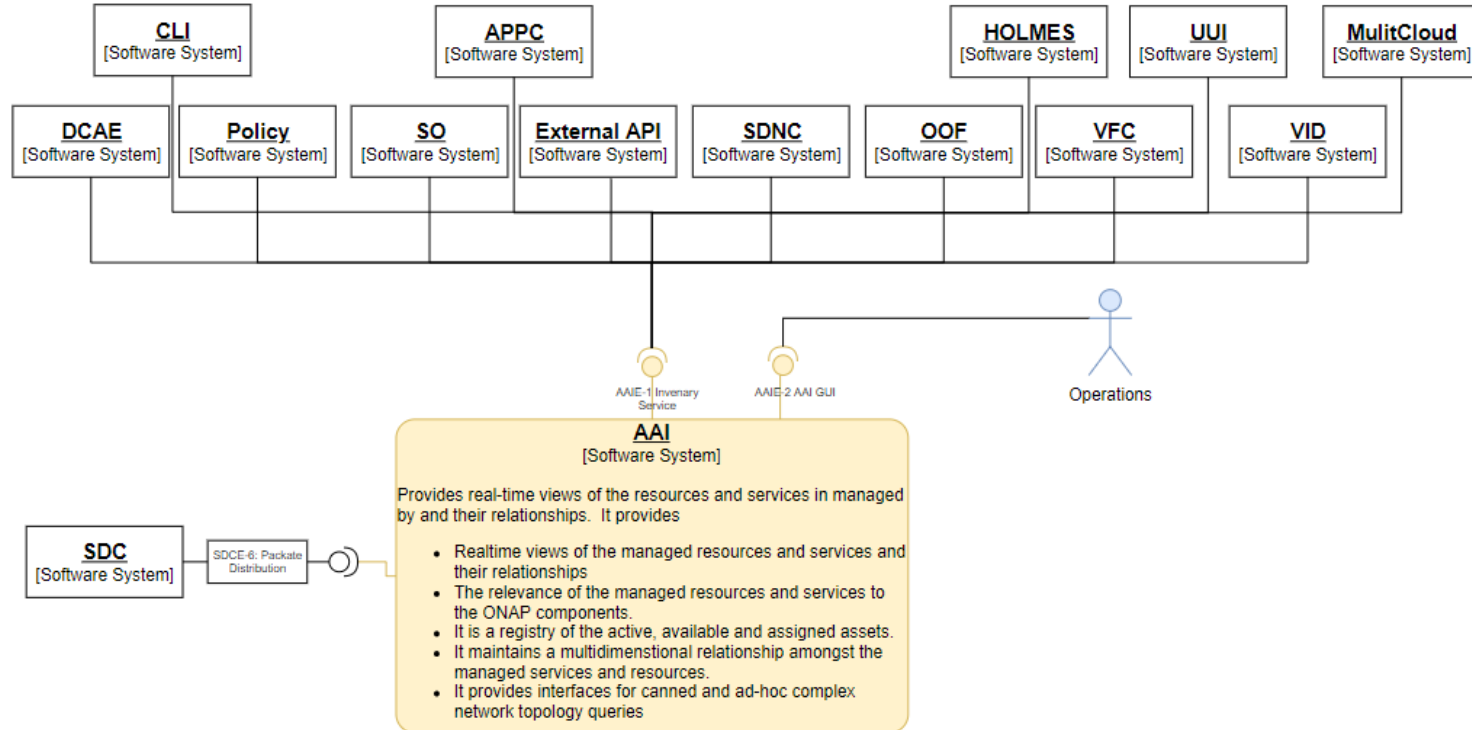
A&AI UI (Sparky)

Honolulu Update

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- 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



Sparky UI













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

Sparky Browsing

≡ A&AI

Browse Network Elements

On this page you have the ability to browse the entire inventory of the database by network element type. Simply choose the network element type you would like to browse.

 Activities Browse	 Aggregate Routes Browse	 Autonomous Systems Browse	 Availability Zones Browse	 Bgp Groups Browse	 Bgp Neighbors Browse
 Cables Browse	 Cards Browse	 Chassises Browse	 Cloud Regions Browse	 Complexes Browse	 Configurations Browse

Sparky Filtering

Network Element Specialized Search

On this page you have the ability to build a set of query criteria per network element type and run a query. Simply choose the network element type from the radio buttons, build your filters, and run.

List of Network Element Types

- Activities
- Aggregate Routes
- Autonomous Systems
- Availability Zones
- Bgp Groups
- Bgp Neighbors
- Cables
- Cards
- Chassis
- Cloud Regions
- Complexes
- Configurations
- Contacts
- Customers
- Endpoints
- **Generic Virtual Network Functions**

Filter Section - Generic Virtual Network Functions

Select Filter

Sparky Results (Card Based)

Generic Virtual Network Functions

Select Filter [Add Filter](#) [Clear Filters](#)

< { 1 } >

[Download XLSX](#)

[Download XLSX \(Range\)](#)

genericVnfs: nodes/generic-vnfs

Default View

Total Results: 7

generic-vnf

/aai/v15/network/generic-vnfs/generic-vnf/generic-vnfABC123

vnf-id: generic-vnfABC123
vnf-type: example-vnf-type-val-3979-test
prov-status: ACTIVE:NO
in-maint: false
is-closed-loop-disabled: false
resource-version: 1558031116089

[Relationships](#) [>>BYOQ](#)

generic-vnf

/aai/v15/network/generic-vnfs/generic-vnf/generic-vnf-test-0-ABC890

vnf-id: generic-vnf-test-0-ABC890
vnf-name: example-vnf-name-val-3979
vnf-type: vnf-type-onap-sic
prov-status: PROV
orchestration-status: ACTIVE
ipv4-loopback0-address: ipv4-loopback0-address-ALL-GOOD-one

[Relationships](#) [>>BYOQ](#)

generic-vnf

/aai/v15/network/generic-vnfs/generic-vnf/generic-vnf-test-50-ABC898

vnf-id: generic-vnf-test-50-ABC898
vnf-name: example-vnf-name-val-3979-2
vnf-type: example-vnf-type-val-3979-2
prov-status: ACTIVE
orchestration-status: orchestration-status-2
ipv4-loopback0-address: ipv4-loopback0-address-2
in-maint: false

[Relationships](#) [>>BYOQ](#)

generic-vnf

/aai/v15/network/generic-vnfs/generic-vnf/generic-vnf-demo1

vnf-id: generic-vnf-demo1
vnf-type: example-vnf-type-val-3979-generic-vnf-demo1
prov-status: IN-MAINT
in-maint: false
is-closed-loop-disabled: false
resource-version: 1559204957136

[Relationships](#) [>>BYOQ](#)

generic-vnf

/aai/v15/network/generic-vnfs/generic-vnf/generic-vnf-test-0-123ABC

generic-vnf

/aai/v15/network/generic-vnfs/generic-vnf/generic-vnf-test-50-123456

generic-vnf

/aai/v15/network/generic-vnfs/generic-vnf/generic-vnf-test-0-ABCD1234

Sparky Results (Table Based)

Generic Virtual Network Functions

Select Filter Add Filter Clear Filters

« (1) »

Download XLSX

Download XLSX (Range)

genericVnfs: nodes/generic-vnfs

Set as Default View

Total Results: 7

Apply Filters (All)

(+)	vnf-id	vnf-type	in-maint	is-closed-loop-disabled	application-id	as-number	data-owner	data-source	data-source-vers
	Enter vnf-id	Enter vnf-type	Enter in-maint	Enter is-closed-loop-disabled	Enter application-id	Enter as-number	Enter data-owner	Enter data-source	Enter data-sourc
(+)	generic-vnfABC123	example-vnf-type-val-3979-test	false	false					
(+)	generic-vnf-test-0-ABC890	vnf-type-onap-sic	true	false					
(+)	generic-vnf-test-50-ABC898	example-vnf-type-val-3979-2	false	false					
(+)	generic-vnf-demo1	example-vnf-type-val-3979-generic-vnf-demo1	false	false					
(+)	generic-vnf-test-0-123ABC	example-vnf-type-val-3979	false	false					
(+)	generic-vnf-test-50-123456	example-vnf-type-val-3979-2	false	false					
(+)	generic-vnf-test-0-ABCD1234	example-vnf-type-val-3979	false	false					

« (1) »

Sparky DSL Query Builder

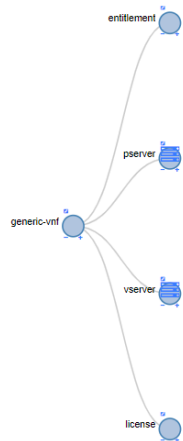
Visual Query Builder for Build Your Own Query

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

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

Total Results: 5
 Default View

1

Download XLSX

Download XLSX (Range)

generic-vnf

/aai/v15/network/generic-vnfs/generic-vnf/generic-vnf-test-0-ABC890

vnf-id: generic-vnf-test-0-ABC890
vnf-name: example-vnf-name-val-3979
vnf-type: vnf-type-onap-sic
prov-status: PROV
orchestration-status: ACTIVE
ip4-loopback0-address: ip4-loopback0-address-ALL-GOOD-one
in-maint: true

[Relationships](#) [--BYOO](#)

license

/aai/v15/network/generic-vnfs/generic-vnf/generic-vnf-test-0-ABC890/licenses/license/license-test-1-ABC890/license-test-2-ABC890

group-uuid: license-test-1-ABC890
resource-uuid: license-test-2-ABC890
resource-version: 155883187257

[Relationships](#) [--BYOO](#)

entitlement

/aai/v15/network/generic-vnfs/generic-vnf/generic-vnf-test-0-ABC890/entitlements/entitlement-test-21-ABC890/entitlement-test-22-ABC890

group-uuid: entitlement-test-21-ABC890
resource-uuid: entitlement-test-22-ABC890
resource-version: 1558031861455

[Relationships](#) [--BYOO](#)

pserver

/aai/v15/cloud-infrastructure/psevers/pserver/pserver-test-1-ABC890

hostname: pserver-test-1-ABC890
in-maint: false
resource-version: 1558031744715

[Relationships](#) [--BYOO](#)

vserver

/aai/v15/cloud-infrastructure/cloud-regions/cloud-region/cr-test-5-ABC890/cr-test-6-ABC890/tenants/tenant/tenant-test-3-ABC890/vservers/vserver/vserver-test-3-ABC890

vserver-id: vserver-test-3-ABC890
vserver-name: example-vserver-name-val-30739
vserver-name2: example-vserver-name2-val-67128
prov-status: PROV
vserver-selflink: example-vserver-selflink-val-66843
in-maint: true

[Relationships](#) [--BYOO](#)

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

Total Results: 5
 Set as Default View

1

Download XLSX

Download XLSX (Range)

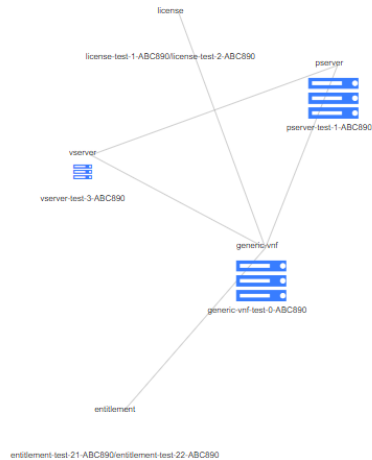
GENERIC-VNF	LICENSE	ENTITLEMENT	PSEVER	VSERVER										
vnf-id	vnf-type	in-maint	is-closed-loop-disabled	application-id	is-number	data-owner	data-source	data-source-version	encrypted-access-flag	entitlement-assignment-group-uuid				
Enter vnf-id	Enter vnf-type	Enter in-maint	Enter is-closed-loop-disabled	Enter application-id	Enter as-number	Enter data-owner	Enter data-source	Enter data-source-version	Enter encrypted-access-flag	Enter entitlement-assignment-group-uuid				
1	generic-vnf-test-0-ABC890	vnf-type-onap-sic	true											

1

Sparky DSL

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

Total Results: 5



Retrieve Node Details of /aai/v15/network/generic-vnfs/generic-vnf/generic-vnf-test-0-ABC890

generic-vnf

/aai/v15/network/generic-vnfs/generic-vnf/generic-vnf-test-0-ABC890

vnf-id: generic-vnf-test-0-ABC890
vnf-name: example-vnf-name-val-3979
vnf-type: vnf-type-onap-sic
prov-status: PROV
orchestration-status: ACTIVE
ipv4-loopback0-address: ipv4-loopback0-address-ALL-GOOD-one
in-maint: true
is-closed-loop-disabled: false
resource-version: 1559248669411

Relationships

>>BYOQ

Close