

# Sample A&AI Data Setup for vLB/vDNS for APPC Consumption

Please note the values currently used in the test data may not be representative of actual values in ONAP A&AI.

## Request Headers:

```
X-FromAppId : AAA-Temp-Tool  
X-TransactionId : AAI-Temp-Tool  
Real-Time : true  
Content-Type : application/json  
Accept : application/json
```

## Create Cloud Region

```
PUT https://aaai-ip:8443/aaai/v13/cloud-infrastructure/cloud-regions/cloud-region/pod25/RegionOne
```

```
{  
    "cloud-owner": "pod25",  
    "cloud-region-id": "RegionOne",  
    "cloud-region-version": "titanium_cloud",  
    "cloud-type": "openstack",  
    "cloud-zone": "cloud zone",  
    "complex-name": "complex name",  
    "identity-url": "http://10.12.25.2:5000/v3",  
    "owner-defined-type": "owner-defined-type",  
    "srivov-automation": true  
}
```

## Create Tenant

```
PUT https://aaai-ip:8443/aaai/v13/cloud-infrastructure/cloud-regions/cloud-region/pod25/RegionOne/tenants/tenant/cf142fb96ce24770946c0f7117c0aeb3
```

```
{  
    "tenant-id": " cf142fb96ce24770946c0f7117c0aeb3 ",  
    "tenant-name": "APPC"  
}
```

## Create Flavor

```
PUT https://aaai-ip:8443/aaai/v13/cloud-infrastructure/cloud-regions/cloud-region/pod25/RegionOne/flavors/ flavor/764efb04-5a46-4806-a766-2bdd24559f39
```

```
{  
    "flavor-id": "764efb04-5a46-4806-a766-2bdd24559f39",  
    "flavor-name": "m1.medium",  
    "flavor-vcpus": 2,  
    "flavor-ram": 4096,  
    "flavor-disk": 40,
```

```

"flavor-ephemeral": 0,
"flavor-selflink": http://10.12.25.2:8774/v2.1/cf142fb96ce24770946c0f7117c0aeb3/flavors/764efb04-5a46-4806-a766-2bdd24559f39
}

```

## Create Image

```

PUT https://aaip-ip:8443/aaiv13/cloud-infrastructure/cloud-regions/cloud-region/pod25/RegionOne/images/image/6e219e86-cd94-4989-9119-def29aa10b12
{
  "image-id": "6e219e86-cd94-4989-9119-def29aa10b12",
  "image-name": "unknown",
  "image-architecture": "unknown",
  "image-os-distro": "unknown",
  "image-os-version": "unknown",
  "application": "unknown",
  "application-vendor": "unknown",
  "application-version": "unknown",
  "image-selflink": http://10.12.25.2:8774/cf142fb96ce24770946c0f7117c0aeb3/images/6e219e86-cd94-4989-9119-def29aa10b12
}

```

## Create vServer 1

```

PUT https://aaip-ip:8443/aaiv13/cloud-infrastructure/cloud-regions/cloud-region/pod25/RegionOne/tenants/tenant/cf142fb96ce24770946c0f7117c0aeb3/servers/vserver/06e8ea84-60b1-4e93-99da-73e589da9b69
{
  "vserver-id": "06e8ea84-60b1-4e93-99da-73e589da9b69",
  "vserver-name": "zdfw1lb01dns01",
  "vserver-name2": "zdfw1lb01dns01",
  "prov-status": "Running",
  "vserver-selflink": http://10.12.25.2:8774/v2.1/cf142fb96ce24770946c0f7117c0aeb3/servers/06e8ea84-60b1-4e93-99da-73e589da9b69,
  "in-maint": false,
  "is-closed-loop-disabled": false
}

```

## Create vServer 2 (with image and flavor)

```

PUT https://10.12.5.114:8443/aaiv13/cloud-infrastructure/cloud-regions/cloud-region/pod25/RegionOne/images/image/6e219e86-cd94-4989-9119-def29aa10b12
{
  "vserver-id": "7d2b1698-9b23-4a62-9aab-27629f15a2cc",
  "vserver-name": "zdfw1lb01lb01",
  "vserver-name2": "zdfw1lb01lb01",
  "prov-status": "ACTIVE",
  "vserver-selflink": http://10.12.25.2:8774/v2.1/cf142fb96ce24770946c0f7117c0aeb3/servers/7d2b1698-9b23-4a62-9aab-27629f15a2cc,
}

```

```
"in-maint": false,  
"is-closed-loop-disabled": false,  
"resource-version": "1525988514674",  
"relationship-list": {  
    "relationship": [{  
        "related-to": "flavor",  
        "relationship-label": "org.onap.relationships.inventory.Uses",  
        "related-link": "/aai/v13/cloud-infrastructure/cloud-regions/cloud-region/pod25/RegionOne/flavors/flavor/764efb04-5a46-4806-a766-2bdd24559f39",  
        "relationship-data": [{  
            "relationship-key": "cloud-region.cloud-owner",  
            "relationship-value": "pod25"  
        }, {  
            "relationship-key": "cloud-region.cloud-region-id",  
            "relationship-value": "RegionOne"  
        }, {  
            "relationship-key": "flavor.flavor-id",  
            "relationship-value": "764efb04-5a46-4806-a766-2bdd24559f39"  
        }],  
        "related-to-property": [{  
            "property-key": "flavor.flavor-name",  
            "property-value": "m1.medium"  
        }]  
    }, {  
        "related-to": "image",  
        "relationship-label": "org.onap.relationships.inventory.Uses",  
        "related-link": "/aai/v13/cloud-infrastructure/cloud-regions/cloud-region/pod25/RegionOne/images/image/6e219e86-cd94-4989-9119-def29aa10b12",  
        "relationship-data": [{  
            "relationship-key": "cloud-region.cloud-owner",  
            "relationship-value": "pod25"  
        }, {  
            "relationship-key": "cloud-region.cloud-region-id",  
            "relationship-value": "RegionOne"  
        }, {  
            "relationship-key": "image.image-id",  
            "relationship-value": "6e219e86-cd94-4989-9119-def29aa10b12"  
        }],  
        "related-to-property": [{  
            "property-key": "image.image-name",  
            "property-value": "unknown"  
        }]
```

```
        }]  
    }  
}
```

### Create Base Model

```
PUT https://aaai-ip:8443/aaai/v13/service-design-and-creation/models/model/APPC-vLB  
{  
    "model-invariant-id": " APPC-vLB ",  
    "model-type": "resource"  
}
```

### Create Model Version

```
PUT https://aaai-ip:8443/aaai/v13/service-design-and-creation/models/model/APPC-vLB/model-vers/model-ver/APPC-vLB-1  
{  
    "model-version-id": "APPC-vLB-1",  
    "model-name": "vLB",  
    "model-version": "1",  
    "distribution-status": "DISTRIBUTION_COMPLETE_OK",  
    "model-description": ""  
}
```

### Create GenericVNF with vf-module and vserver links

```
PUT https://10.12.5.114:8443/aaai/v13/network/generic-vnfs/generic-vnf/APPC-test-vLB  
{  
    "vnf-id": "APPC-test-vLB",  
    "vnf-name": "vLoadBalancer-Vnf-APPC",  
    "vnf-type": "vLoadBalancer/vLoadBalancer-test 0",  
    "service-id": "f521546b-ca59-4a10-80b0-19967aa55eeb",  
    "prov-status": "PREPROV",  
    "orchestration-status": "Created",  
    "in-maint": false,  
    "is-closed-loop-disabled": false,  
    "resource-version": "1525983742318",  
    "model-invariant-id": "a3aafde1-cac9-4767-8390-a96940d526fe",  
    "model-version-id": "4aec2309-4c45-40ce-b79e-6d2b958c19cc",  
    "model-customization-id": "84efad25-bb91-43bb-a465-552cee5665d0",  
    "nf-type": "",  
    "nf-function": "",  
    "nf-role": "",  
    "nf-naming-code": ""  
}
```

```

"vf-modules": {
    "vf-module": [
        {
            "vf-module-id": "zdfw1lb01lb01",
            "vf-module-name": "zdfw1lb01lb01",
            "heat-stack-id": "example-heat-stack-id-val-63769",
            "orchestration-status": "example-orchestration-status-val-19362",
            "is-base-vf-module": true,
            "model-invariant-id": "APPC-vLB",
            "model-version-id": "APPC-vLB-1",
            "model-customization-id": "example-model-customization-id-val-86783",
            "widget-model-id": "example-widget-model-id-val-60885",
            "widget-model-version": "example-widget-model-version-val-35378",
            "contrail-service-instance-fqdn": "example-contrail-service-instance-fqdn-val-94046",
            "module-index": 2204,
            "selflink": "example-selflink-val-44435"
        }
    ],
},
"relationship-list": {
    "relationship": [
        {
            "related-to": "vserver",
            "relationship-label": "tosca.relationships.HostedOn",
            "related-link": "/aa/v13/cloud-infrastructure/cloud-regions/cloud-region/pod25/RegionOne/tenants/tenant/cf142fb96ce24770946c0f7117c0aeb3/vservers/vserver/06e8ea84-60b1-4e93-99da-73e589da9b69",
            "relationship-data": [
                {
                    "relationship-key": "cloud-region.cloud-owner",
                    "relationship-value": "pod25"
                },
                {
                    "relationship-key": "cloud-region.cloud-region-id",
                    "relationship-value": "RegionOne"
                },
                {
                    "relationship-key": "tenant.tenant-id",
                    "relationship-value": "cf142fb96ce24770946c0f7117c0aeb3"
                },
                {
                    "relationship-key": "vserver.vserver-id",
                    "relationship-value": "06e8ea84-60b1-4e93-99da-73e589da9b69"
                }
            ],
            "related-to-property": [
                {
                    "property-key": "vserver.vserver-name",
                    "property-value": "zdfw1lb01dns01"
                }
            ]
        }
    ]
}

```

```
        }]

    }, {

        "related-to": "vserver",
        "relationship-label": "tosca.relationships.HostedOn",
        "related-link": "/aa/v13/cloud-infrastructure/cloud-regions/cloud-region/pod25/RegionOne/tenants/tenant/cf142fb96ce24770946c0f7117c0aeb3/vservers/vserver/7d2b1698-9b23-4a62-9aab-27629f15a2cc",
        "relationship-data": [{{
            "relationship-key": "cloud-region.cloud-owner",
            "relationship-value": "pod25"
        }, {
            "relationship-key": "cloud-region.cloud-region-id",
            "relationship-value": "RegionOne"
        }, {
            "relationship-key": "tenant.tenant-id",
            "relationship-value": "cf142fb96ce24770946c0f7117c0aeb3"
        }, {
            "relationship-key": "vserver.vserver-id",
            "relationship-value": "7d2b1698-9b23-4a62-9aab-27629f15a2cc"
        }], "related-to-property": [{{
            "property-key": "vserver.vserver-name",
            "property-value": "zdfw1lb01lb01"
        }}]
    }
}
```