```
CLOUD SERVICES IN 1885
```

attr.on,

DISCOVERING AND USING SERVICES USING THE SERVICE CATALOG

```
selectedElements[i];
destroy();
destroy
```



SelectedFlements. length = 0; **selectedScopes.** length = 0;

Ara Pulido (@arapulido)



LEADER IN APPLICATION PACKAGING

KUBERNETES CERTIFIED SERVICE PROVIDER

MAINTAINING COMMUNITY REPO CHARTS

KUBEAPPS, BKPR, SEALED SECRETS, KUBELESS



The need for managed SERVICES









HOW

USING THE CLOUD UIS

USING THE CLOUDS CLIS

CREATE SECRETS IN K8S, EXTERNAL SERVICES



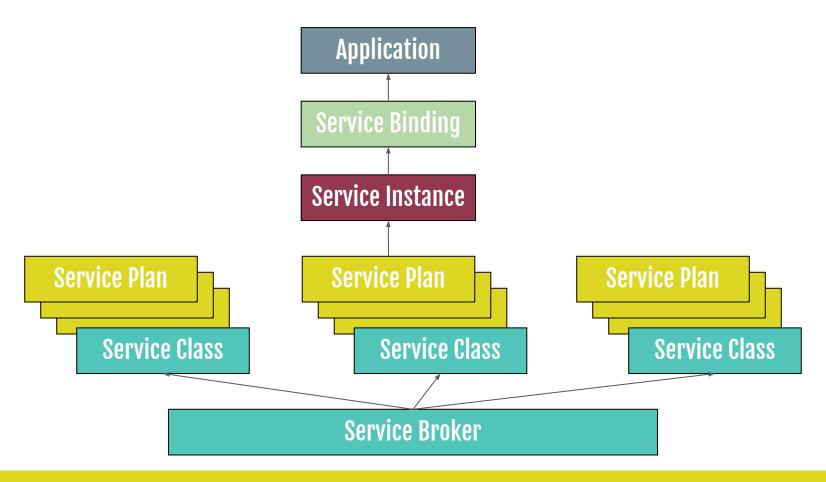
SERVICE CATALOG

A declarative Kubernetes API extension for the discovery and usage of managed services using OSB











SERVICE CATALOG

A declarative Kubernetes API extension for the discovery and usage of managed services using OSB



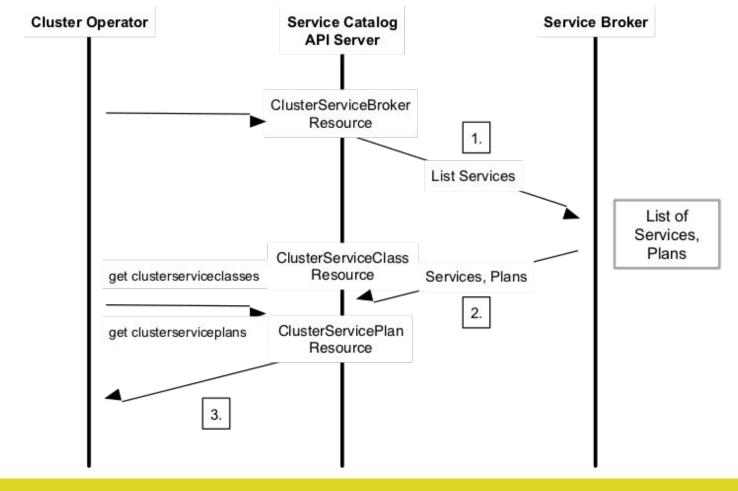
GCP

AZURE

```
apiVersion: servicecatalog.k8s.io/v1beta1
kind: ClusterServiceBroker
metadata:
  name: gcp-broker
spec:
 url:
https://servicebroker.googleapis.com/v1beta1
/projects/my-project/brokers/default
  # Describes the secret which contains the
short-lived bearer token
  authInfo:
     bearer:
     secretRef:
     name: gcp-svc-account-secret
     namespace: google-oauth
```

```
apiVersion: servicecatalog.k8s.io/v1beta1
kind: ClusterServiceBroker
metadata:
  name: osba
spec:
  authInfo:
     basic:
     secretRef:
     name:
osba-open-service-broker-azure-auth
     namespace: default
  url:
http://osba-open-service-broker-azure.defaul
t.svc.cluster.local
```







GCP

AZURE

```
apiVersion: servicecatalog.k8s.io/v1beta1
kind: ClusterServiceClass
metadata:
  name: e9776b6c-4022-41ec-8b83-7c368ed9c270
spec:
  bindable: true
  bindingRetrievable: false
  clusterServiceBrokerName: gcp-broker
  description: Google Cloud Storage is
unified object storage for developers and
enterprises
  externalID:
e9776b6c-4022-41ec-8b83-7c368ed9c270
  externalMetadata:
     displayName: Google Cloud Storage
. . .
```

```
apiVersion: servicecatalog.k8s.io/v1beta1
kind: ClusterServiceClass
metadata:
  name: 25434f16-d762-41c7-bbdd-8045d7f74ca6
spec:
  bindable: true
  bindingRetrievable: false
  clusterServiceBrokerName: osba
  description: Azure Database for PostgreSQL
9.6-- database only
  externalID:
25434f16-d762-41c7-bbdd-8045d7f74ca6
  externalMetadata:
     displayName: Azure Database for
PostgreSQL 9.6-- Database Only
. . .
```



svcat

```
$ svcat get brokers
      NAME
                                                                                                         STATUS
                        https://automation-broker.automation-broker.svc:1338/automation-broker/
 ansible-service-broker
                                                                                                           Ready
                         https://servicebroker.googleapis.com/v1beta1/projects/bitnamigcetest2/brokers/default Ready
 gcp-broker
                         http://osba-open-service-broker-azure.default.svc.cluster.local
 osba
                                                                                                           Ready
$ svcat get classes
       NAME
 dh-pyzip-demo-apb
                            Python Zip Demo APB
                            Implementation
 dh-openshift-logging-apb
                            This APB will deploy openshift-logging. Please see
                            https://github.com/ansibleplaybookbundles/openshift-logging-apb
                            before attempting to run it as it has special pre-requisites.
 dh-nginx-apb
                            An open source reverse proxy web server
$ svcat provision mysql-instance --class mysqldb --plan free
```



Kubeapps

An application dashboard for your Kubernetes cluster using Helm charts and with Service Catalog integration



```
attr.on,
          previousElements.length; i < ii; ++i) {</pre>
              selected;
 eave(selected, function() {
mæElements.splice(i, 1);
```

bitnami

selectedElements.length = 0 **selectedScopes.**length = 0; Ara Pulido (@arapulido)

Summary

OSB IS A STANDARD SPECIFICATION TO DELIVER SERVICES

SERVICE CATALOG IS AN API EXTENSION COMPATIBLE WITH OSB

DECLARATIVE IS BETTER



```
attr.on,
                selectedScopes.length; i < ii; ++i) {
selectedElements[i];</pre>
                 [1]. Sdestroy();
            leave(selected, function() {
               ments.splice(i, 1):
                       bitnami.com
                       github.com/kubeapps
github.com/kubernetes-incubator/service-catalog
```

