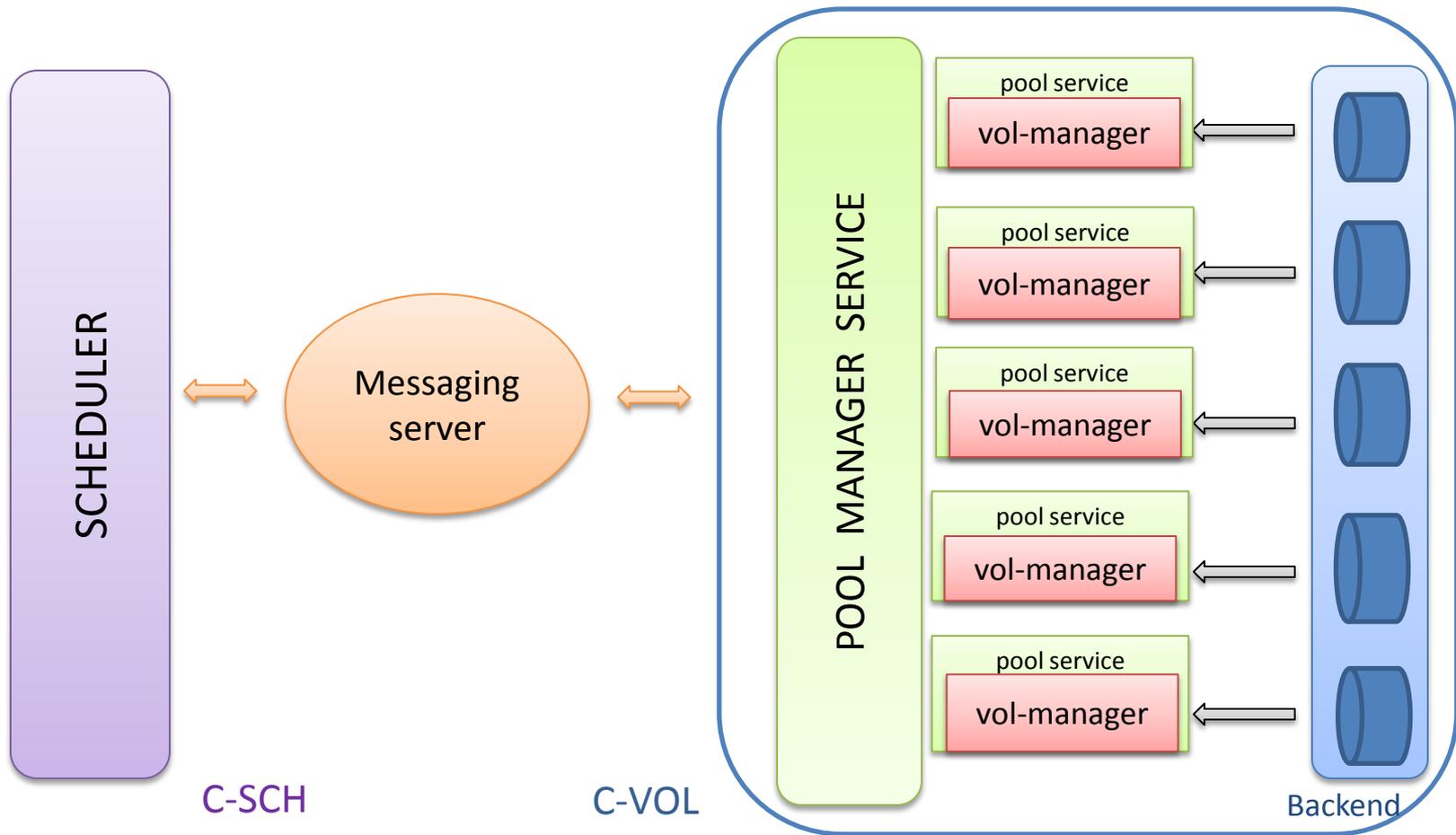


# Multiple pools per backend

-Navneet Singh (NetApp)

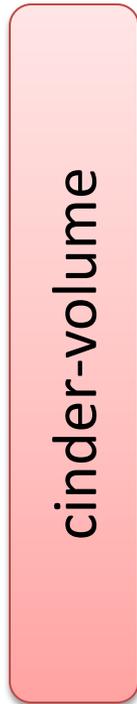
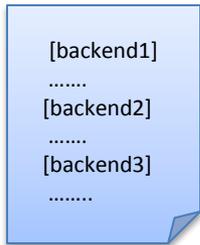
email: [singn@netapp.com](mailto:singn@netapp.com)

# Multiple pools as schedulable entities

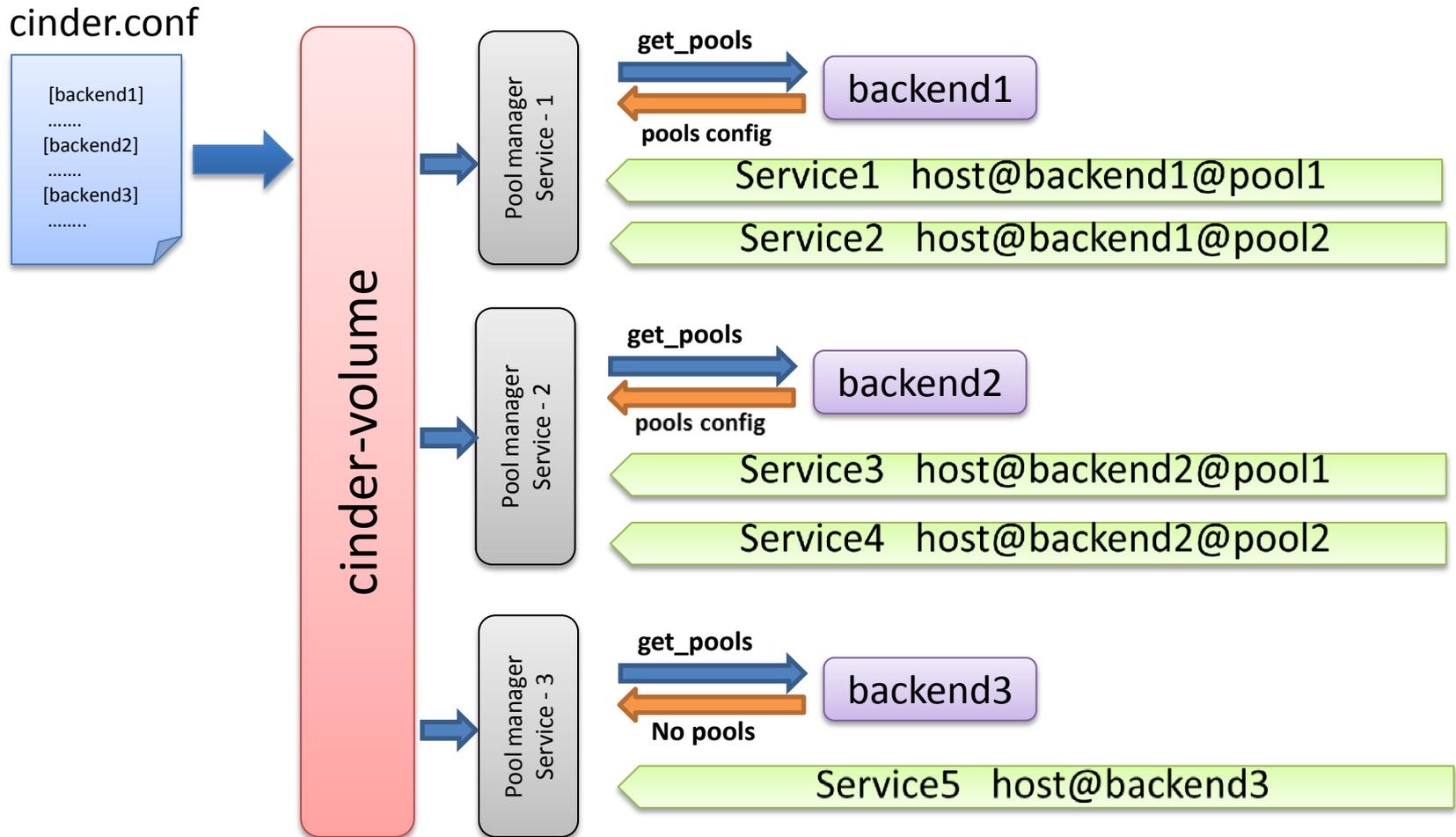


# Present architecture

cinder.conf



# Multi-pool architecture



# Concise configuration

cinder.conf

```
[backend1]  
controller_a  
container1  
[backend2]  
controller_a  
container2  
[backend3]  
controller_a  
container3
```



```
[backend1]  
controller_a  
user  
pwd
```



get\_pools



pools config

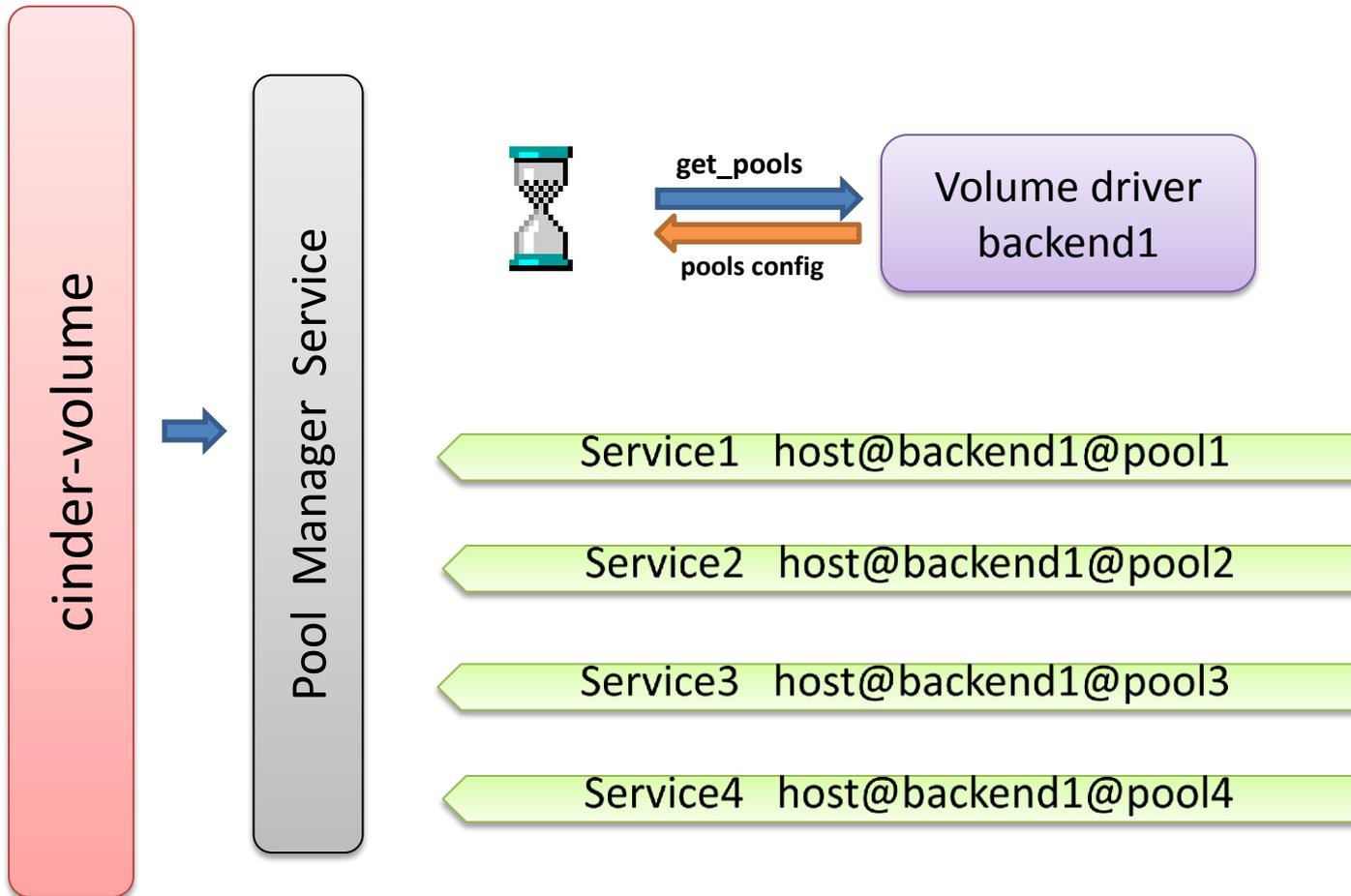
backend1

Service1 host@backend1@pool1

Service2 host@backend1@pool2

Service3 host@backend1@pool3

# Dynamic multi-pool



# Pools config

```
{  
  'pool_name1':      {  
    'container': 'c1',  
    'param': 'value'  
  },  
  'pool_name2':      {  
    'container': 'c2',  
    'param': 'value'  
  },  
  .....  
}
```

# Upgrade multi-pool

