

[MERGE] rook-ceph-tools, s3cmd

Reliable Autonomic Distributed Object Store (RADOS)

```
radosgw-admin zonegroup list
```

```
>>>
```

```
{
  "default_info": "1798b32e-80e0-4879-8d0e-554a61c0187e",
  "zonegroups": [
    "cheetah-store",
    "cheetah-git",
    "cheetah-loki"
  ]
}
```

```
radosgw-admin zone list
```

```
>>>
```

```
{
  "default_info": "d9e91dab-0600-4e29-ab08-f2bcd767b368",
  "zones": [
    "cheetah-git",
    "cheetah-loki",
    "cheetah-store"
  ]
}
```

```
radosgw-admin bucket list \
  --rgw-zonegroup=cheetah-store \
  --rgw-zone=cheetah-store
```

```
>>>
```

```
[
  "wasm",
  "cheetah-workflows",
  "cheetah-datasets",
  "cheetah-web"
]

radosgw-admin bucket list \
  --rgw-zonegroup=cheetah-git \
  --rgw-zone=cheetah-git
>>>
[
  "cheetah-git-second",
  "cheetah-git"
]
```

```
radosgw-admin user list \
  --rgw-zonegroup=cheetah-store \
  --rgw-zone=cheetah-store
>>>
[
  "dashboard-admin",
  "cheetahweb",
  "wasm",
  "cheetahdataset",
  "cheetahworkflow",
  "cosi",
  "rgw-admin-ops-user"
]
```

```
radosgw-admin user info \
  --uid=cheetahweb \
  --rgw-zonegroup=cheetah-store \
```

```

--rgw-zone=cheetah-store
>>>
{
  "user_id": "cheetahweb",
  "display_name": "cheetah web user",
  "email": "",
  "suspended": 0,
  "max_buckets": 1000,
  "subusers": [],
  "keys": [
    {
      "user": "cheetahweb",
      "access_key": "33IQQHRJQ8MGYAU8ZA1B",
      "secret_key": "PDW9wiJKh30GHXWtIP4mocC1dz14eqkFcULZcEBs"
    }
  ],
  "swift_keys": [],
  "caps": [
    {
      "type": "buckets",
      "perm": "*"
    },
    {
      "type": "metadata",
      "perm": "read"
    },
    {
      "type": "usage",
      "perm": "read"
    },
    {
      "type": "users",
      "perm": "*"
    },
    {
      "type": "zone",

```

```

        "perm": "read"
    }
],
"op_mask": "read, write, delete",
"default_placement": "",
"default_storage_class": "",
"placement_tags": [],
"bucket_quota": {
    "enabled": false,
    "check_on_raw": false,
    "max_size": -1,
    "max_size_kb": 0,
    "max_objects": -1
},
"user_quota": {
    "enabled": false,
    "check_on_raw": false,
    "max_size": -1,
    "max_size_kb": 0,
    "max_objects": -1
},
"temp_url_keys": [],
"type": "rgw",
"mfa_ids": []
}

```

```

radosgw-admin user info \
  --uid=cheetahdataset \
  --rgw-zonegroup=cheetah-store \
  --rgw-zone=cheetah-store
>>>
{
  "user_id": "cheetahdataset",
  "display_name": "cheetah dataset user",
  "email": "",

```

```
"suspended": 0,
"max_buckets": 1000,
"subusers": [],
"keys": [
  {
    "user": "cheetahdataset",
    "access_key": "6W17ZV3TX6MKPEB33ROE",
    "secret_key": "8Jh8HLMk9ybsukz3wEJCmoNDbOSZyzPqh6j17u1O"
  }
],
"swift_keys": [],
"caps": [
  {
    "type": "buckets",
    "perm": "*"
  },
  {
    "type": "metadata",
    "perm": "read"
  },
  {
    "type": "usage",
    "perm": "read"
  },
  {
    "type": "users",
    "perm": "*"
  },
  {
    "type": "zone",
    "perm": "read"
  }
],
"op_mask": "read, write, delete",
"default_placement": "",
"default_storage_class": "",
```

```

"placement_tags": [],
"bucket_quota": {
  "enabled": false,
  "check_on_raw": false,
  "max_size": -1,
  "max_size_kb": 0,
  "max_objects": -1
},
"user_quota": {
  "enabled": false,
  "check_on_raw": false,
  "max_size": -1,
  "max_size_kb": 0,
  "max_objects": -1
},
"temp_url_keys": [],
"type": "rgw",
"mfa_ids": []
}

```

```

s3cmd ls s3://cheetah-datasets/85 \
--recursive \
--access_key=6W17ZV3TX6MKPEB33ROE \
--secret_key=8Jh8HLMk9ybsukz3wEJCmoNDbOSZyzPqh6j17u10 \
--host=cheetah.dev2.aifrica.co.kr:32551 \
--host-bucket=s3://cheetah-datasets \
--no-ssl
>>>
2025-01-15 08:28   16018790 s3://cheetah-datasets/85/dataset-85-v1.zip
2025-01-15 08:28   17338552 s3://cheetah-datasets/85/v1/harrypotter.pdf

```

```

root@ai-master1:~# k get svc -n rook-ceph | grep -i external
NAME                                TYPE      CLUSTER-IP    EXTERNAL-IP  PORT(S)
AGE

```

```

rook-ceph-nfs-node-nfs-a-external  NodePort  10.100.10.215  <none>
2049:30941/TCP,9587:30981/TCP  230d
rook-ceph-rgw-cheetah-git-external  NodePort  10.106.6.154  <none>
80:32552/TCP  381d
rook-ceph-rgw-cheetah-loki-external  NodePort  10.100.163.61  <none>
80:30924/TCP  29d
rook-ceph-rgw-cheetah-store-external  NodePort  10.108.62.240  <none>
80:32551/TCP  381d

```

```

$ radosgw-admin user create --uid=cheetahgit --display-name="Cheetah Git" --caps="buckets=*;users=*;usage=read;metadata=read;zone=read" --rgw-zonegroup=cheetah-git --rgw-zone=cheetah-git

```

▼ my s3 application.yml profile & 로컬에서 데이터셋

```

정재윤 10:58 AM
cheetah-web/src/test/resources/dataset-nginx-proxy
여기 디렉토리에
nginx.conf
파일에서 46번째 라인에 본인 아이피 넣고
정재윤 10:59 AM
도커 실행하면 됨

```

```

cheetah:
  object-storage:
    internal:
      endpoint: 183.111.96.71:30100
      protocol: HTTP
    external:
      endpoint: 192.168.10.240:80
      protocol: HTTP
  domain: 192.168.10.240:80
  workflow:

```

```
service:  
url: http://183.111.96.71:30965
```

```
#new 개발
```

```
{  
  "user_id": "cheetahdataset",  
  "display_name": "cheetah dataset user",  
  "email": "",  
  "suspended": 0,  
  "max_buckets": 1000,  
  "subusers": [],  
  "keys": [  
    {  
      "user": "cheetahdataset",  
      "access_key": "6W17ZV3TX6MKPEB33ROE",  
      "secret_key": "8Jh8HLMk9ybsukz3wEJCmoNDbOSZyzPqh6j17u1O"  
    }  
  ],  
}  
  
{  
  "user_id": "cheetahworkflow",  
  "display_name": "cheetah workflow user",  
  "email": "",  
  "suspended": 0,  
  "max_buckets": 1000,  
  "subusers": [],  
  "keys": [  
    {  
      "user": "cheetahworkflow",  
      "access_key": "OT05VP70F940L3O9D07L",  
      "secret_key": "ntTICymXgSET0KVIstyjYBI1BV1UZeSR1gl751B6"  
    }  
  ]  
}
```



```
]
}
```

```
$ radosgw-admin user info --uid cheetahdataset --rgw-zonegroup=cheetah-
store --rgw-zone=cheetah-store
```

```
{
  "user_id": "cheetahdataset",
  "display_name": "cheetah dataset user",
  "email": "",
  "suspended": 0,
  "max_buckets": 1000,
  "subusers": [],
  "keys": [
    {
      "user": "cheetahdataset",
      "access_key": "6W17ZV3TX6MKPEB33ROE",
      "secret_key": "8Jh8HLMk9ybsukz3wEJCmoNDbOSZyzPqh6j17u1O"
    }
  ],
  "swift_keys": [],
  "caps": [
    {
      "type": "buckets",
      "perm": "*"
    },
    {
      "type": "metadata",
      "perm": "read"
    },
    {
      "type": "usage",
      "perm": "read"
    },
    {
      "type": "users",
```

```

        "perm": "*"
    },
    {
        "type": "zone",
        "perm": "read"
    }
],
"op_mask": "read, write, delete",
"default_placement": "",
"default_storage_class": "",
"placement_tags": [],
"bucket_quota": {
    "enabled": false,
    "check_on_raw": false,
    "max_size": -1,
    "max_size_kb": 0,
    "max_objects": -1
},
"user_quota": {
    "enabled": false,
    "check_on_raw": false,
    "max_size": -1,
    "max_size_kb": 0,
    "max_objects": -1
},
"temp_url_keys": [],
"type": "rgw",
"mfa_ids": []
}

```

```

$ s3cmd ls s3://cheetah-git \
--no-ssl \
--access_key=75UOELSSCL5NBM3PXM7G \
--secret_key=sixypCVX2kxBEIEqUHOwbRHBnScD6HUreAlnOJFO \
--host=183.111.96.67:32552 \

```

```
--host-bucket=s3://cheetah-git \  
--recursive
```

```
$ s3cmd ls s3://admin-datasets \  
--no-ssl \  
--access_key=AU1R0P4PJ8A617BUYKHS \  
--secret_key=rm1s2J3AcuQ2nU23xQngnXWheb9fdQxq9a9NNmap \  
--host=183.111.96.71:30100 \  
--host-bucket=s3://admin-datasets \  
--recursive
```

```
$ s3cmd ls s3://admin-datasets \  
--no-ssl \  
--access_key=AU1R0P4PJ8A617BUYKHS \  
--secret_key=rm1s2J3AcuQ2nU23xQngnXWheb9fdQxq9a9NNmap \  
--host=183.111.96.71:30100 \  
--host-bucket=s3://groupuser-datasets \  
--recursive
```

```
s3cmd ls s3://cheetah-datasets/64 \  
--recursive \  
--access_key=6W17ZV3TX6MKPEB33ROE \  
--secret_key=8Jh8HLMk9ybsukz3wEJCmoNDbOSZyzPqh6j17u1O \  
--host=183.111.96.67:32551 \  
--host-bucket=s3://cheetah-datasets/64 \  
--no-ssl
```

```
>>>
```

```
2024-12-20 06:47    3038349 s3://cheetah-datasets/63/dataset-63-v1.zip  
2024-12-20 06:47     64000 s3://cheetah-datasets/63/v1/files/doc/edu.doc  
2024-12-20 06:47   415643 s3://cheetah-datasets/63/v1/files/pdf/bizplay.p  
df  
2024-12-20 06:47   3195936 s3://cheetah-datasets/63/v1/files/ppt/2024_ai  
_summit_cheetah_v1.0.pptx
```

```

s3cmd mb s3://wasm \
  --access_key=6MGDO7E6KN7O9483A3XB \
  --secret_key=DnlnD2rEyLbhHVUwYJWv08ztJZZGufvITcYCrdL5 \
  --host=183.111.96.67:32551 \
  --host-bucket=s3://wasm \
  --no-ssl

s3cmd put proxy_wasm_example_http_headers_bg.wasm s3://wasm \
  --access_key=6MGDO7E6KN7O9483A3XB \
  --secret_key=DnlnD2rEyLbhHVUwYJWv08ztJZZGufvITcYCrdL5 \
  --host=183.111.96.67:32551 \
  --host-bucket=s3://wasm \
  --no-ssl

s3cmd ls s3://wasm \
  --recursive \
  --access_key=6MGDO7E6KN7O9483A3XB \
  --secret_key=DnlnD2rEyLbhHVUwYJWv08ztJZZGufvITcYCrdL5 \
  --host=183.111.96.67:32551 \
  --host-bucket=s3://wasm \
  --no-ssl
>>> s3://wasm/proxy_wasm_example_http_headers_bg.wasm

s3cmd get s3://wasm/proxy_wasm_example_http_headers_bg.wasm \
  --access_key=6MGDO7E6KN7O9483A3XB \
  --secret_key=DnlnD2rEyLbhHVUwYJWv08ztJZZGufvITcYCrdL5 \
  --host=183.111.96.67:32551 \
  --host-bucket=s3://wasm \
  --no-ssl

s3cmd get s3://wasm \
  --access_key=6MGDO7E6KN7O9483A3XB \
  --secret_key=DnlnD2rEyLbhHVUwYJWv08ztJZZGufvITcYCrdL5 \
  --host=183.111.96.67:32551 \
  --host-bucket=s3://wasm \

```

```
--no-ssl  
--recursive
```

```
s3cmd ls s3://cheetah-web \  
--recursive \  
--access_key=33lQQHRJQ8MGYAU8ZA1B \  
--secret_key=PDW9wiJKh30GHXWtIP4mocC1dz14eqkFcULZcEBs \  
--host=183.111.96.67:32551 \  
--host-bucket=s3://cheetah-web \  
--no-ssl
```

```
s3cmd ls s3://cheetah-web/model-deployment/215/trtllm \  
--recursive \  
--human-readable-sizes \  
--access_key=33lQQHRJQ8MGYAU8ZA1B \  
--secret_key=PDW9wiJKh30GHXWtIP4mocC1dz14eqkFcULZcEBs \  
--host=cheetah.dev2.aifrica.co.kr:32551 \  
--host-bucket=s3://cheetah-web \  
--no-ssl
```

```
s3cmd ls s3://serengeti \  
--recursive \  
--human-readable-sizes \  
--access_key=00ICUSN4OQGVEOZCZGNT \  
--secret_key=R9HPLiPd0B9BkAVQ5ujA4drqC4KaIHj1rAA050XR \  
--host=cheetah.dev2.aifrica.co.kr \  
--host-bucket=s3://serengeti
```