



# Object versioning

Object versioning requires that you configure your environment with **working S3-compatible credentials**.

## Enabling bucket versioning

To enable versioning in a bucket, use one of the following commands:

**aws**      **mc**      **s3cmd**

```
aws --profile <region> \
  --endpoint-url=https://s3-
  <region>.citycloud.com:8080 \
  s3api put-bucket-versioning \
  --versioning-configuration
  Status=Enabled \
  --bucket <bucket-name>

mc version enable <region>/
  <bucket-name>
```

This functionality is not available with the `s3cmd` command.

## Checking bucket versioning status

To check whether object versioning is enabled on a bucket, use one of the following commands:

**aws**      **mc**      **s3cmd**

```
aws --profile <region> \
  --endpoint-url=https://
  s3-
  <region>.citycloud.com:
  8080 \
  s3api get-bucket-
  versioning \
  --bucket <bucket-
  name>

mc version info
  <region>/<bucket-
  name>
```

## Downloading object

To download a specific version of an object in a bucket, use one of the following commands:  
This functionality is not available with the `s3cmd` command.

**aws      mc      s3cmd**

```
aws --profile <region> \  
  --endpoint-url=https://  
s3-  
<region>.citycloud.com:  
8080 \  
  s3api get-object \  
  --bucket <bucket-  
name> \  
  --key <object-name> \  
  --version-id  
<versionid> \  
  <local-filename>
```

```
mc cp \  
  --version-id  
<versionid> \  
  <region>/<bucket-  
name>/<object-name> \  
  <local-filename>
```

object from a versioned bucket *without* specifying a  
s3 client will download the latest version of the object that

This functionality is not  
available with the s3cmd  
command.  
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