AUTHENTICATION

Swift API requests that require authentication must contain an `X-Storage-Token` authentication token in the request header. The token may be retrieved from RADOS Gateway, or from another authenticator. To obtain a token from RADOS Gateway, you must create a user. For example:

```
sudo radosgw-admin user create --uid="{username}" --displayname="{Display Name}"
```

For details on RADOS Gateway administration, see radosgw-admin.

AUTH GET

To authenticate a user, make a request containing an `X-Auth-User` and a `X-Auth-Key` in the header.

SYNTAX

```
GET /auth HTTP/1.1
Host: swift.radosgwhost.com
X-Auth-User: johndoe
X-Auth-Key: R7UUOLFDI2ZI9PRCQ53K
```

REQUEST HEADERS

`X-Auth-User`

Description:	The key RADOS GW username to authenticate.
Type:	String
Required:	Yes

`X-Auth-Key`

Description:	The key associated to a RADOS GW username.
Type:	String
Required:	Yes

RESPONSE HEADERS

The response from the server should include an `X-Auth-Token` value. The response may also contain a `X-Storage-Url` that provides the `{api version}/{account}` prefix that is specified in other requests throughout the API documentation.

`X-Storage-Token`

Description:	The authorization token for the `X-Auth-User` specified in the request.
Type:	String

`X-Storage-Url`

Description:	The URL and `{api version}/{account}` path for the user.
Type:	String

A typical response looks like this:

```
HTTP/1.1 204 No Content
Date: Mon, 16 Jul 2012 11:05:33 GMT
Server: swift
X-Storage-Url: https://swift.radosgwhost.com/v1/ACCT-12345
X-Auth-Token: UOlCCC8TahFKlWuv9DB09TWHF0nDjpPElha0kAa
Content-Length: 0
```

```
Content-Type: text/plain; charset=UTF-8
```