V5.0.5+

Authentication URL

You can use an Authentication URL to specify a REST authentication service that manages user authentication, and optionally provide additional meta data to be embedded in the token.

This support can optionally enable any of the following:

- Provide the authenticated credential to API Connect. For example, the user logs-in with user name: `spoon`, and password: `passw0rd`. When the user is authenticated, the credential becomes `cn=spoon,o=eatery`. The credential is kept in the OAuth **`access_token`** to represent the user.
- Provide metadata support. Allow extra metadata to be kept in the `access_token`.
- V5.0.7+ Override the `scope` that the application receives after a successful OAuth protocol processing. By responding with a specific header, the Authentication URL endpoint can replace the `scope` value that the application receives. For example, you can provide a specific resource owner an account number within the `scope` header response for use in future processing steps.

When you call the Authentication URL, the API Connect gateway sends a GET request with HTTP headers and then processes any HTTP response from the URL. For authentication, a REST authentication service is expected at the Authentication URL.

The following response from the REST authentication service indicates that user authentication is successful and that API Connect will use `cn=spoon,o=eatery` as the user identity.

```
HTTP/1.1 200 OK
Server: example.org
API-Authenticated-Credential: cn=spoon,o=eatery
```

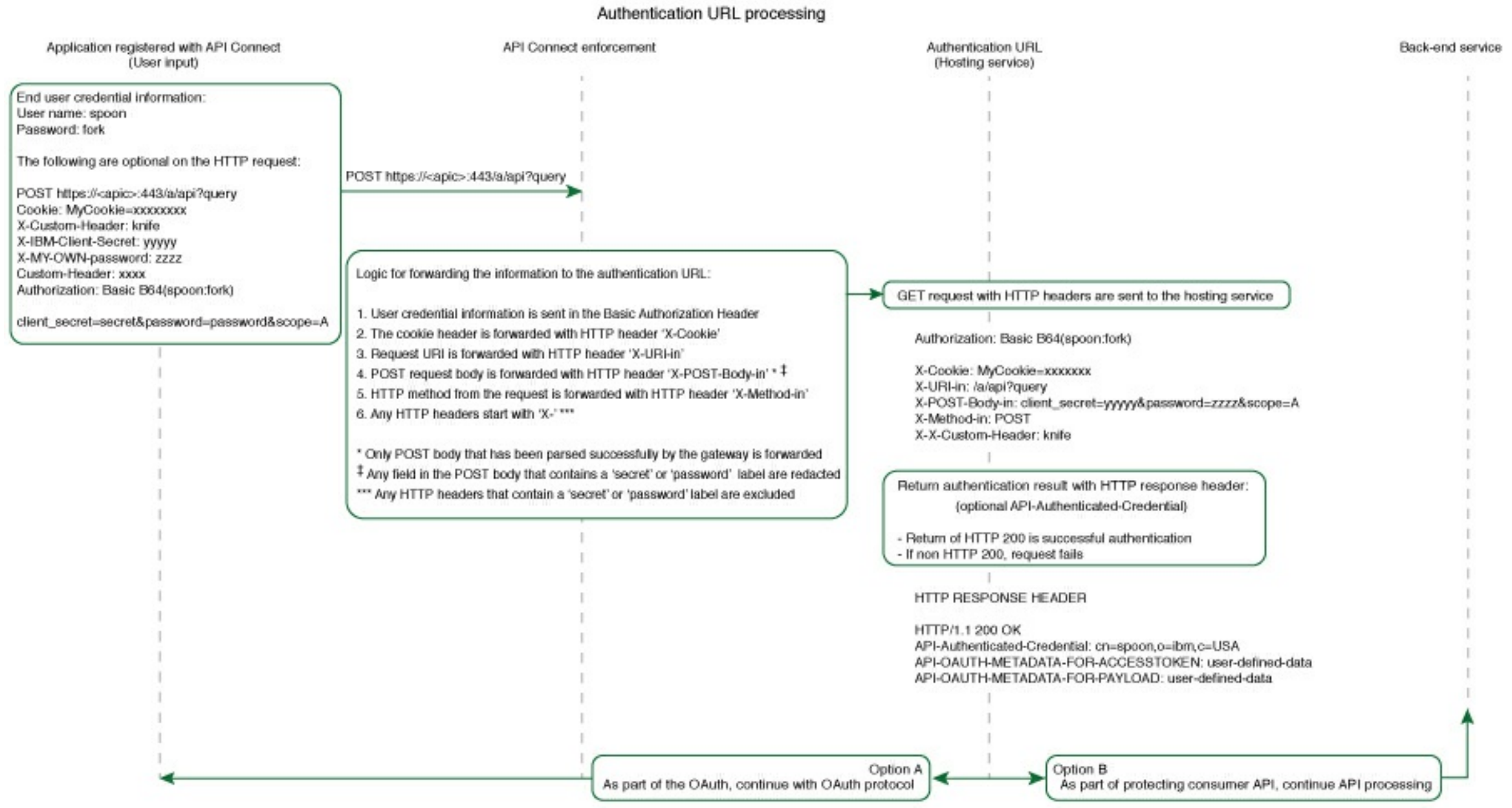
API Connect considers any non-200 HTTP response code a failed user authentication attempt.

V5.0.6+ When Authentication URL is invoked, two HTTP response headers are available that include metadata in the access token or the response payload that contains the access token. For more information, see V5.0.6+ OAuth metadata URL and authentication URL. The two metadata response headers are:

```
API-OAUTH-METADATA-FOR-ACCESSTOKEN
API-OAUTH-METADATA-FOR-PAYLOAD
```

V5.0.7+ From version 5.0.7.3 onward, when Authentication URL is invoked, an HTTP response header is available to override the requested `scope` from the application. For more information, see OAuth scope. The response header is:

```
x-selected-scope
```



Parent topic:

→ Creating a basic authentication security definition

Related concepts:

→ OAuth metadata URL and authentication URL

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