

Querying licenses (v2)



This page refers to **End-user REST API version 2** only. See [End-user REST API](#) for links to other versions of the End-user REST API.

The following page lists the HTTP operations that need to be performed to successfully query an LAC license using the End-user REST API version 2.

To obtain a license for a given activation key filtered by its state, use the following request:

```
GET /licenses/{activation_key}?state={states}
```

where:

- *activation_key* (string) is your [license order](#) activation key

and

- *state* (string) indicates a required, comma-separated value. The state can be one of the following: **success**, **failed**, **in_progress**.

Note: The order of the states is irrelevant and does not influence the results of the request.

Also note that [request headers](#) are used by default.

Example request

```
GET/rest/v2/licenses/25N8D-NC35D-WD01P-8JI4K?state=success,failed HTTP/1.1
Host: license.x-formation.com
Accept: application/hal+json
```

Response

The LAC REST API returns standard HTTP response codes described in the following table.

Status Code	Header Field	Description
200 OK	• Allow • Cache-Control • Content-Encoding • Content-Language • Content-Length • Content-Type • Date	Collection of licenses for a given state.
400 Bad Request		Unsupported license state.
403 Forbidden		License order has been disabled.
404 Not Found		No licenses were found for a given state.

Example responses

```
HTTP/1.1 200 OK
Content-Type: application/hal+json

{
  "_links": {
    "success": [
      {
        "href": "https://license.x-formation.com/rest/v2/licenses/25N8D-NC35D-WD01P-8JI4K/Q1VTVE9NPWE="
      },
      {
        "href": "https://license.x-formation.com/rest/v2/licenses/25N8D-NC35D-WD01P-8JI4K/Q1VTVE9NPWI="
      }
    ],
    "failed": [
      {
        "href": "https://license.x-formation.com/rest/v2/license-errors/25N8D-NC35D-WD01P-8JI4K/Q1VTVE9NPXNkZnNkZnNkZg=="
      }
    ]
  },
}
```

```

    "_embedded": {
      "success": [
        {
          "activationKey": "25N8D-NC35D-WD01P-8JI4K",
          "activationTime": "2014-04-29T11:31:51+00:00",
          "expirationDate": null,
          "maintenanceEndDate": null,
          "hostids": [
            {
              "nameRaw": "CUSTOM",
              "name": "Custom",
              "value": "a"
            }
          ],
          "content": "# This license is generated using X-Formation License Activation Center
                    # Generation Time: 2014-04-29 11:31:50 GMT
                    # Activation Key: 25N8D-NC35D-WD01P-8JI4K

                    FEATURE feature-1
                    {
                      VENDOR=X-FORMATION VERSION=1.0
                      KEY=QQkUjKBGw6vPmoNM7cQIeHriCThHSD7psQSp0]YRAibvJbD]hrxC]
fiZ1VyAnjb9uJuNivH67TIn7ygc0z04AUNfVrgQ0oooFlhh \
                    tapNGT0hc1xe2UdTxxFt2y0S1Zi6uZ[JDpFc27Bjq3AIDSI7br
[VrUqYGovQvkGnqwFk9ADkt9lEvTmirWz27FjEg2WIpGh[Qaatc \
                    te2tEXcIvy[iFH1e]jj18LQcHXnp8ze4zzeHyoGfXeqIL
[BdELtQQ6q5oKJ8ACmrfZF2Rh2tKZOWKq4xXs4xmn0XsdRT3QDco2o9d \
                    ttwtPAh2ABimjNbr1PF8V9sabGw5]GU4poT7rq]pyDjnckbLTZ9z5f]4K[Tbb]
Aa7406K8gx4d06wFITq0NRgmmfFOLSEn6KHdwFf \
                    tERlqVXGzGjU7R490iA6cc43cnbHom
[qMGboD0mIysXreBLgrWJ2wURL97U83njRQaL4qSHXXIVGTSxSvVCowFcVq3urCHHAMhsaw
                    }",
          "filename": "license_2014_04_29-11_31.lic",
          "_links": {
            "self": {
              "href": "https://license.x-formation.com/rest/v2/licenses/25N8D-NC35D-WD01P-8JI4K
/Q1VTVE9NPWE="
            }
          }
        },
        {
          "activationKey": "25N8D-NC35D-WD01P-8JI4K",
          "activationTime": "2014-05-06T13:42:16+00:00",
          "expirationDate": null,
          "maintenanceEndDate": null,
          "hostids": [
            {
              "nameRaw": "CUSTOM",
              "name": "Custom",
              "value": "b"
            }
          ],
          "content": "# This license is generated using X-Formation License Activation Center
                    # Generation Time: 2014-04-29 11:31:50 GMT
                    # Activation Key: 25N8D-NC35D-WD01P-8JI4K

                    FEATURE feature-2
                    {
                      VENDOR=X-FORMATION VERSION=1.0
                      KEY=QQkUjKBGw6vPmoNM7cQIeHriCThHSD7psQSp0]YRAibvJbD]hrxC]
fiZ1VyAnjb9uJuNivH67TIn7ygc0z04AUNfVrgQ0oooFlhh \
                    tapNGT0hc1xe2UdTxxFt2y0S1Zi6uZ[JDpFc27Bjq3AIDSI7br
[VrUqYGovQvkGnqwFk9ADkt9lEvTmirWz27FjEg2WIpGh[Qaatc \
                    te2tEXcIvy[iFH1e]jj18LQcHXnp8ze4zzeHyoGfXeqIL
[BdELtQQ6q5oKJ8ACmrfZF2Rh2tKZOWKq4xXs4xmn0XsdRT3QDco2o9d \
                    ttwtPAh2ABimjNbr1PF8V9sabGw5]GU4poT7rq]pyDjnckbLTZ9z5f]4K[Tbb]
Aa7406K8gx4p06wFITq0NRgmmfFOLSEn6KHdwFf \
                    tERlqVXGzGjU7R490iA6cc43cnbHom
[qMGboD0mIysXreBLgrWJ2wURL97U83njRQaL4qSHXXIVGTSxSvVCowFcVq3urCHHAMhsaw
                    }",
          "filename": "license_2014_06_05-13_42.lic",

```

```

        "_links": {
          "self": {
            "href": "https://license.x-formation.com/rest/v2/licenses/25N8D-NC35D-WD01P-8JI4K
/Q1VTVE9NPWI="
          }
        }
      ],
      "failed": [
        {
          "errors": [
            {
              "message": "LM-X XML License Generator v4.5.3
                          Copyright (C) 2002-2013 X-Formation. All rights reserved.

                          LM-X Error: Unable to parse and load xml file /tmp/lgtmp_id_2
/1400064446_139933.in!
                          LM-X Error: /tmp/lgtmp_id_2/1400064446_139933.in(7): not well-formed
(invalid token)!",
              "creationTime": "2014-05-08T07:17:41+00:00"
            }
          ],
          "_links": {
            "self": {
              "href": "https://license.x-formation.com/rest/v2/license-errors/25N8D-NC35D-WD01P-8JI4K
/Q1VTVE9NPXNkZnNkZnNkZg=="
            }
          }
        }
      ]
    }
  }
}

```

HTTP/1.1 400 Bad Request
Content-Type: application/hal+json

```

{
  "code": 1101,
  "message": "Invalid data."
}

```

HTTP/1.1 403 Forbidden
Content-Type: application/hal+json

```

{
  "code": 1703,
  "message": "License order disabled."
}

```

HTTP/1.1 404 Not Found
Content-Type: application/hal+json

For more information about HTTP methods, see [Supported HTTP methods](#).