

# Create license order

To create a license order, use the following request:

POST /license-orders

## Request JSON Objects

Valid JSON parameters include the following.

Parameter	Type	Required	Definition
customer_id	integer	Yes	Customer ID.
product_template_id	integer	Yes	Product template ID.
license_type	string	Yes	License type, choices: <i>local</i> , <i>network</i> .
licensee_type	string	Yes	Licensee type, choices: <i>fixed</i> , <i>customer</i> , <i>not_specified</i> .
licensee	string	Yes*	Licensee.  *Required only if licensee type is <i>fixed</i> .
hostid_match_rate	integer	Yes	HostID match rate.
min_hostids	integer	Yes	Minimum HostIDs.
activations_allowed	integer	Yes	Activations allowed.
enabled	boolean	Yes	Whether license order is enabled or not.
description	string	No	Description.
settings_description	string	No	Settings description.
removal	boolean	Yes	Whether license should be removed from host.
deactivations_allowed	integer	No	Deactivation allowed.
Hostids	array	Yes	List of HostIDs.
Features	array	Yes	List of Features.

## HostID parameters

Parameter	Type	Required	Definition
name	string	Yes	HostID name.
min_amount	integer	Yes	Minimum required.
max_amount	integer	Yes	Maximum allowed.

## Feature parameters

Parameter	Type	Required	Definition
name	string	Yes	Feature name.
version	string	Yes	Version.
expiration_type	string	Yes	Expiration type, choices: <i>fixed</i> , <i>days_from_activation</i> , <i>no_expiration</i>
expiration_date	string	Yes*	Expiration date.  *Required only if expiration type is <i>fixed</i> .
issued_type	string	Yes	Issued type, choices: <i>fixed</i> , <i>not_issued</i> , <i>activation_time</i> .
issued_date	string	Yes*	Issued date.  *Required only if issued type is <i>fixed</i> .
options	string	No	Options.
additional_settings	string	No	Additional settings.
enabled	boolean	Yes	Whether feature is enabled or not.
days_from_activation	string	Yes*	Expiration days from activation.  *Required only if expiration type is <i>days_from_activation</i>

count	integer	Yes*	Count.  *Required only if license type is <i>network</i> .
maintenance_type	string	Yes	Maintenance type, choices: <i>fixed</i> , <i>days_from_activation</i> , <i>no_maintenance</i> .
maintenance_date	string	Yes*	Maintenance date.  *Required only if maintenance type is <i>fixed</i> .
maintenance_days_from_activation	string	Yes*	Maintenance days from activation.  *Required only if maintenance type is <i>days_from_activation</i> .
comment	string	No	Comment.

### Example request

```
POST /license-orders HTTP/1.1
Content-Type: application/json
Authorization: Bearer f794846b7c26621688e1e06164975b4eae8ce2f6
```

```
{
  "customer_id": 1,
  "product_template_id": 1,
  "license_type": "local",
  "licensee_type": "not_specified",
  "hostid_match_rate": 100,
  "min_hostids": 1,
  "activations_allowed": 1,
  "enabled": true,
  "removal": false,
  "Hostids": [
    {
      "name": "username",
      "min_amount": 1,
      "max_amount": 1
    }
  ],
  "Features": [
    {
      "name": "Licstat",
      "version": "6.0",
      "expiration_type": "no_expiration",
      "issued_type": "not_issued",
      "maintenance_type": "no_maintenance",
      "enabled": true
    }
  ]
}
```

```
POST /license-orders HTTP/1.1
Content-Type: application/json
Authorization: Bearer f794846b7c26621688e1e06164975b4eae8ce2f6
```

```
{
  "customer_id": 1,
  "product_template_id": 1,
  "license_type": "local",
  "licensee_type": "not_specified",
  "hostid_match_rate": 100,
  "min_hostids": 1,
  "activations_allowed": 10,
  "enabled": true,
  "description": "License order description",
  "settings_description": "Settings description",
  "removal": false,
  "deactivations_allowed": 10,
  "Hostids": [
    {
      "name": "username",
      "min_amount": 1,
      "max_amount": 1
    }
  ],
  "Features": [
    {
      "name": "Licstat",
      "version": "6.0",
      "expiration_type": "days_from_activation",
      "days_from_activation": 90,
      "issued_type": "activation_time",
      "options": "Feature options",
      "additional_settings": "Additional settings",
      "count": 15,
      "maintenance_type": "fixed",
      "maintenance_date": "2020-12-31",
      "enabled": true,
      "comment": "Feature comment"
    }
  ]
}
```

## Response

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

Status Code	Description
<a href="#">200 OK</a>	License order created.
<a href="#">400 Bad Request</a>	Invalid data
<a href="#">403 Forbidden</a>	Invalid or expired token provided.

## Example Response

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

{
  "customer": {
    "name": "Rivers Inc",
    "description": "desc",
    "phone_number": "779.790.4969x1425",
    "fax_number": "(536)600-8229",
    "street": "008 Santiago Groves Suite 651",
    "city": "Shortport",
    "country": "USA",
    "zip_code": "62448",
```

```

    "state": "South Carolina",
    "Contacts": [
      {
        "name": "James Taylor",
        "email": "nfisher@test.x-formation.com",
      },
      {
        "name": "Victor Martinez",
        "email": "ngallagher@test.x-formation.com"
      }
    ],
    "CustomTags": [
      {
        "tag_name": "custom_tag_1",
        "value": "Gouldton"
      },
      {
        "tag_name": "custom_tag_2",
        "value": "Idaho"
      }
    ]
  },
  "product_template": {
    "id": "1",
    "name": "Trial",
    "product_id": "1"
  },
  "activation_key": "I11HP-TX8EQ-R1QXZ-7LYXF",
  "creation_time": "2019-08-20 09:40:35",
  "license_type": "local",
  "licensee_type": "not_specified",
  "licensee": null,
  "hostid_match_rate": "100",
  "min_hostids": "1",
  "activations_allowed": "1",
  "activated_licenses_count": 0,
  "enabled": true,
  "description": "",
  "settings_description": "",
  "removal": false,
  "removal_request_time": null,
  "removal_confirmation_time": null,
  "deactivations_allowed": "0",
  "deactivations_left": 0,
  "Hostids": [
    {
      "name": "Username",
      "min_amount": "1",
      "max_amount": "1"
    }
  ],
  "Features": [
    {
      "name": "Licstat",
      "version": "6.0",
      "expiration_type": "no_expiration",
      "expiration_date": null,
      "issued_type": "not_issued",
      "issued_date": null,
      "options": null,
      "additional_settings": null,
      "enabled": true,
      "days_from_activation": null,
      "count": null,
      "maintenance_type": "no_maintenance",
      "maintenance_date": null,
      "maintenance_days_from_activation": null,
      "comment": null
    }
  ]
}

```

