

# Louisiana SOS Commercial API

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## Revision History

08.08.2019	0.1	Initial Draft
07.16.2020	1.0	Second Draft

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## Overview

The purpose of the Commercial API is to allow customers, such as banks and/or service companies, to subscribe to a paid (or free) API subscription service that lets them search for corporate filings and validate certificates using their back-end systems.

The API is a REST service that returns the response as JSON.

Each request requires a valid token and email address in order to get a valid response back.

There are 2 types of tokens, Live and Test.

- The Live token can be purchased for a yearly fee and can be used to query the SOS system to get business information.
- The Test token is free, and can be used to test the API and set up a connection. The service returns test data while using the Test token.

In order to keep the API from becoming overloaded, each user will only be allowed to make 18 calls to the service per minute. After the 18 calls, you will get an Access Denied response, and will have to wait until a minute passes in order to continue making service calls.

## How to sign up for a Token

- The token can be acquired from the Self Service Subscription API located at:  
<https://subscriptions.sos.la.gov>

## Connect to the API

- The API is located at this url:  
<https://commercialapi.sos.la.gov/>

## Methods

### General Request Values

These are the values that are required with every request to the Commercial API. If either of these values are invalid, the response will return a status of AccessDenied.

Token	Either a Test or Live token acquired through the Self Service Subscription application.
EmailAddress	The email address of the subscription account that the token was created for.

### General Response Values

These are the values that are returned with every response from the Commercial API.

Status	Returns the overall status of the response.	
	Success	The request was valid, and information is being returned from the service.
	Error	An unexpected error occurred in the service which results in no valid information being returned from the service. See Message and ErrorReferenceCode for more information.
	AccessDenied	For some reason, we are unable to return information back to you from the service. See ResponseCode for the reason.
	Warning	The request was successful, however there may have still been a problem. See ResponseCode and Message for more information.
Message	Returns additional information about any problems that may have occurred during the request.	
ErrorReferenceCode	If a system error is returned, keep this error code handy when contacting support to help us troubleshoot your issue.	
ResponseCode	None	No additional information, request was successful
	SystemError	There was an error in our system, see the ErrorReferenceCode when contacting support.
	ProductOffline	The Commercial API is temporarily offline, please try your request again later.
	SubscriptionSuspended	Your subscription to the Commercial API has been suspended. Please contact support for assistance.
	SubscriptionExpired	Your subscription to the Commercial API has expired. Please renew your subscription in the Self Service Subscription application in order to continue making requests to the Commercial API.
	DisclaimerAgreementRequired	Our terms and conditions have changed, and in order to continue making requests to the API, you must log into the Self Service Subscription

		Application and agree to the latest disclaimer.
	MaxRequestLimitReached	You have reached the max request limit, please wait a minute before making more requests.
	InvalidToken	The email address or token is incorrect.
	MaxSearchResults	The max number of search results has been reached. Please narrow your search criteria to get better results.
TokenType	Live	This is a paid subscription and will be returning actual data from the state databases.
	Test	This is a free test account and will be returning test data.

### ValidateCertificate

- URL: <https://commercialapi.sos.la.gov/api/Certificate/Validate>
- The entry of valid certificate gives the date the certificate was issued, the entity name and charter number. This should match what the current certificate retrieval mechanism returns
- Parameters:

Token	
EmailAddress	
CertificateId	The certificate id to validate. Note: replace any “#” characters with “_” before sending to the API.

- Output:

IsValid	Returns true if the certificate is valid, false if invalid.
CertificateId	The certificate id that is being validated.
CertificateDate	The date that the certificate was purchased.
EntityName	The name of the entity that the certificate is for.
EntityNumber	The entity number of the entity that the certificate is for.
ValidationMessage	Text describing result of the certificate validation attempt.
Status	
Message	
ErrorReferenceCode	
ResponseCode	
TokenType	

### CommercialSearch

- URL: [https://commercialapi.sos.la.gov /api/Commercial/Search](https://commercialapi.sos.la.gov/api/Commercial/Search)

- This method will return a list of basic information based on a search by entity name or agent/officer name.
- A maximum of 1000 records will be returned.
- Parameters

Token	
EmailAddress	
EntityName	The entity name to search for. Leave this blank if searching by agent/officer name.
FirstName	The first name of the agent or officer to search for. Leave this blank if searching by entity name.
LastName	The first name of the agent or officer to search for. Leave this blank if searching by entity name.

- Output:

EntitySearchResults	Name	
	TypeName	
	City	
	EntityNumber	
	EntityTypeId	
	EntityStatus	
AgentOfficerSearchResults	AgentOfficerName	
	Affiliation	
	TypeName	
	City	
	EntityNumber	
	EntityTypeId	
EntityStatus		
ResultCount	The number of results that are returned in the response.	
Status		
Message		
ErrorReferenceCode		
ResponseCode		
TokenType		

## CommercialLookup

- URL: [https://commercialapi.sos.la.gov /api/Commercial/Search](https://commercialapi.sos.la.gov/api/Commercial/Search)
- This method will accept an entity number and return detailed information about that entity.
- Parameters:

Token	
EmailAddress	
EntityNumber	The number of the entity to look up
EntityTypeId	The type of entity to search for

	1	Charter
	8	Name Reservation
	16	Trade Service

- Output

EntityType			
EntityNumber			
CharterDetails	CharterName		
	CharterNumber		
	CharterStatus		
	CharterStatuDescription		
	CharterSubStatus		
	CharterSubStatusDescription		
	RegistrationDate		
	FileDate		
	CharterCategory		
	CharterCategoryDescription		
	Agents	FirstName	
		LastName	
		Address1	
		Address2	
		City	
		State	
		Country	
		ZipCode	
	Officers	FirstName	
		LastName	
		Address1	
		Address2	
		City	
		State	
		Country	
		Titles	
	Addresses	AddressType	
		Address1	
		Address2	
		City	
		State	
		Country	
	PreviousNames	Name	
ChangeDate			
Mergers	FiledDate		
	EffectiveDate		
	MergerType		

		CharterNumber
		CharterName
		Role
	Amendments	Description
		DateFiled
NameReservationDetails	ReservedName	
	ContactName	
	ContactAddress	AddressType
		Address1
		Address2
		City
		State
		Country
		ZipCode
	NameReservationType	
	OnBehalfOf	
	FileDate	
	ExpirationDate	
	Status	
TradeServiceDetails	IsTradeName	
	IsTradeMark	
	IsServiceMark	
	RegisteredName	
	ApplicantName	
	ApplicantAddress	
	TypeOfBusiness	
	BookNumber	
	Status	
	SubStatus	
	RegistrationDate	
	ExpirationDate	
	DateFirstUsed	
	DateFirstUsedInLA	
	CurrentClasses	Classification
	ExpiredClasses	Classification
	Amendments	Description
		DateFiled
Status		
Message		
ErrorReferenceCode		
ResponseCode		
TokenType		

## Appendix A: Code Samples

This is an example of how to make a request and what a response could look like.

### ValidateCertificate Sample:

#### URL:

```
https://commercialapi.sos.la.gov/api/Certificate/Validate?token=[TOKEN]&emailaddress=[EMAIL ADDRESS]&certificateid=123456_1ABC2
```

#### Response:

```
{
  IsValid : true,
  CertificateId : "123456#1ABC2",
  CertificateDate : "2019-08-08T12:23:20.3051845-05:00",
  EntityName : "Test Co",
  EntityNumber : "12345678A",
  ValidationMessage : "A Certificate was issued by the Louisiana Secretary of State, having a Certificate date of 08/01/2019, pertaining to the entity Test Co, identified by entity charter number 12345678A.",
  Status : "Success",
  Message : null,
  ErrorReferenceCode : null,
  ResponseCode : "None",
  TokenType : "Test"
}
```

### CommercialSearch Sample:

#### URL:

```
https://commercialapi.sos.la.gov/api/Commercial/Search?token=[TOKEN]&emailaddress=[EMAIL ADDRESS]&entityname=Test Co&firstname=&lastname=
```

#### Response:

```
{
  EntitySearchResults : [
    {
      Name : "TEST CO, INC.",
      TypeName : "Previous Name",
      City : "CHARLOTTE",
      EntityNumber : "12345678D ",
      EntityTypeId : 2,
      EntityStatus : "I - INACTIVE"
    }
  ]
}
```



```
    },  
    { ... },  
    { ... }],  
  AgentOfficerSearchResults : [],  
  ResultCount : 3,  
  Status : "Success",  
  Message : null,  
  ErrorReferenceCode : null,  
  ResponseCode : "None",  
  TokenType : "Live"  
}
```

### CommercialLookup Sample:

#### URL:

```
https://commercialapi.sos.la.gov/api/Commercial/Lookup?token=[TOKEN]&emailaddress=[EMAIL ADDRESS]&entitynumber=12345678D&entitytypeid=1
```

#### Response:

```
{  
  EntityType : "Charter",  
  EntityNumber : "12345879D",  
  CharterDetails : { ... },  
  NameReservationDetails : null,  
  TradeServiceDetails : null,  
  Status : "Success",  
  Message : null,  
  ErrorReferenceCode : null,  
  ResponseCode : "None",  
  TokenType : "Live"  
}
```