



# CHAPTER 15

## User Login and Logout Functions

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This chapter provides information about the following user login and logout functions:

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### check\_user\_eula\_status

#### Synopsis

```
check_user_eula_status ($username, $server_host, $port)
```

#### Description

This function checks to see if the user has signed an end-user license agreement (EULA).

#### Input Parameters

Parameter	Type	Value	Description
username	String, mandatory	—	Username.
server_host	String, mandatory	Hostname or IP address	Hostname or IP address where the Cisco License Manager server is running. If the Cisco License Manager server and the client program are running on the same host, this argument can be set to null.
port	Integer, mandatory	Range from 1024 to 65535	Port on which the Cisco License Manager server is serving clients. If the Cisco License Manager server and the client program are running on the same host, this argument can be set to zero.

**Return**

This function returns a `Cisco::CLM::Common::EulaInfo` object. The `EulaInfo` object returns the status of EULA acceptance and the time of acceptance.

**Error and Exception**

When an error occurs, this function returns null.

If a system error prevents the operation from completing, a `RemoteException` is thrown.

# login

**Synopsis**

```
login($user, $password, $server_host, $port, $idle_timeout, $eula)
```

**Description**

Use this function to log into the system and acquire a `Cisco::CLM::Common::UserToken` that gives you authorization on subsequent function calls. A user can only log into the system one session at a time. A second login by the same user automatically logs out the previous login session.

**Input Parameters**

Parameter	Type	Value	Description
username	String, mandatory	—	Username.
password	String, mandatory	—	User password.
server_host	String, mandatory	Hostname or IP address	Hostname or IP address where the Cisco License Manager server is running. If Cisco License Manager server and the client program are running on the same host, this argument can be set to null.
port	Integer, mandatory	Range from 0 to 65535	Port on which the Cisco License Manager server is serving clients. If the Cisco License Manager server and the client program are running on the same host, this argument can be set to zero.
idle_timeout	Integer, mandatory	Valid integer	Time interval, in minutes, allowed for idling before the token expires. When it is set to 0, the token never expires.
eula	EulaInfo, mandatory	—	The <code>EulaInfo</code> object contains a EULA statement and a Boolean value <code>I_have_read_and_I_accept_this_EULA</code> .

**Return**

This function returns a `Cisco::CLM::Common::UserToken` object that represents the user's authorization pass. If the EULA is not accepted, the method returns null.

**Error and Exception**

When an error occurs, this function returns null.

If a system error prevents the operation from completing, a RemoteException is thrown.

# logout

**Synopsis**

```
logout ($token)
```

**Description**

This function logs the user out of the system and deletes the UserToken object.

**Input Parameters**

Parameter	Type	Value	Description
token	UserToken, mandatory	—	Token that represents your authorization pass, which is obtained after you invoke the login function and are authenticated by the back-end server.

**Return**

None.

**Error and Exception**

If a system error prevents the operation from completing, a RemoteException is thrown.

■ **logout**