



# CHAPTER 13

## Scheduler Management Functions

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This chapter provides information about the following scheduler management functions:

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- [register\\_scheduler](#), page 13-2
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### list\_scheduler

#### Synopsis

```
list_scheduler ($token)
```

#### Description

This is a simple scheduling function that allows you to list a scheduled task from the scheduler.

#### Input Parameters

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

#### Return

This function returns an array of `Cisco::CLM::Common::Schedule` objects if a schedule has been set. It returns null if a schedule has not been set.

#### Error and Exception

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

# register\_scheduler

## Synopsis

```
register_scheduler ($token, $task, $execute_time)
```

## Description

This is a simple scheduling function that allows you to schedule the time, frequency, and specific Cisco License Manager action to be performed.

## Input Parameters

Parameter	Type	Value	Description
token	UserToken, mandatory	—	A token that represents your authorization pass, which is obtained after you invoke the login function and are authenticated by the back-end server.
task	Schedule.ClmTask, mandatory	—	Cisco License Manager task object containing a Cisco License Manager-supported task string to be executed through the scheduler.
execute_time	Schedule, mandatory	—	Schedule object that contains when to execute and frequency of execution.

## Return

This function returns a `Cisco::CLM::Common::Status` object.

## Error and Exception

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

When an error occurs, the Status object returns none SUCCESS error code and error message.

# unregister\_scheduler

## Synopsis

```
unregister_scheduler ($token, $task)
```

## Description

This is a simple scheduling function that allows you to remove a scheduled task from the scheduler.

**Input Parameters**

Parameter	Type	Value	Description
token	UserToken, mandatory	—	A token that represents your authorization pass, which is obtained after you invoke the login function and are authenticated by the back-end server.
task	Schedule.ClmTask, mandatory	—	Cisco License Manager task object containing a Cisco License Manager-supported task string to be executed through the scheduler.

**Return**

This function returns a `Cisco::CLM::Common::Status` object.

**Error and Exception**

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

When an error occurs, the `Status` object returns none `SUCCESS` error code and error message.

