



CHAPTER 13

Scheduler Management Functions

This chapter provides information about the following scheduler management functions:

- [list_scheduler](#), page 13-1
- [register_scheduler](#), page 13-2
- [unregister_scheduler](#), page 13-2

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.

