


# Scheduler 1

 This API is in beta and subject to change.

- Scheduler
  - addTask
  - updateTask
  - deleteTask
  - executeTask
  - getTaskHistory
  - getTasks

## Scheduler

### addTask

URL	/api/v1/api.php?target=scheduler&action=addTask																																		
Description	Add a new scheduled task. Request is POST-only. Params are a single JSON object:																																		
Returns	<b>Examples:</b> SUCCESSFUL: {"success":1,"message":"Message "} ERROR: {"success":0, "message":"Error Message"}>																																		
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## updateTask

URL	/api/v1/api.php?target=scheduler&action=updateTask																																		
Description	Update a scheduler task																																		
Returns	<b>Examples:</b> SUCCESSFUL: {"success":1,"message":"Message"} ERROR: {"success":0, "message":"Error Message"}>																																		
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## deleteTask

URL	/api/v1/api.php?target=scheduler&action=deleteTask
Description	Delete a scheduler task
Returns	<b>Examples:</b> SUCCESSFUL: {"success":1,"message":"Task \"New Task\" (2) deleted","data":null} ERROR: {"success":0, "message":"Error Message"}>

Required Parameters				
	<b>Name</b>	<b>Type</b>	<b>Example</b>	<b>Description</b>
	taskId	INTEGER	4	ID of the task to delete
Optional Parameters	None			
Example URL	/api/v1/api.php?target=scheduler&action=deleteTask&taskId=2			

## executeTask

URL	/api/v1/api.php?target=scheduler&action=executeTask			
Description	Execute a task immediately			
Returns	<b>Examples:</b> SUCCESSFUL: {"success":1,"message":"Holding tank processed. 0 IPv4 and 0 IPv6 blocks moved to the available pool.", "data":null} ERROR: {"success":0, "message":"Error Message"}>			
Required Parameters				
	<b>Name</b>	<b>Type</b>	<b>Example</b>	<b>Description</b>
	taskId	INTEGER	4	ID of the task to run
Optional Parameters	None			
Example URL	/api/v1/api.php?target=scheduler&action=executeTask&taskId=1			

## getTaskHistory

URL	/api/v1/api.php?target=scheduler&action=getTaskHistory			
Description	Get history for a specific task			
Returns	<b>Examples:</b> SUCCESSFUL: { "success": 1, "data": [ { "log_id": "1005037", "time": "2015-05-07 12:29:45", "log_level": "6", "user_id": "31", "username": "usernamehere", "log_category": "System", "message": "task_id=1 task=Process Holding Tank action=finished message=Holding tank processed. 0 IPv4 and 0 IPv6 blocks moved to the available pool.", "ip": null }, { "log_id": "1005033", "time": "2015-05-07 12:28:50", "log_level": "6", "user_id": "31", "username": "usernamehere", "log_category": "System", "message": "task_id=1 task=Process Holding Tank action=finished message=Holding tank processed. 1 IPv4 and 0 IPv6 blocks moved to the available pool.", "ip": null }, { "log_id": "1005030", "time": "2015-05-07 12:28:14", "log_level": "6", "user_id": "31", "username": "usernamehere", "log_category": "System", "message": "Task \"Process Holding Tank\" (1) added", "ip": null } ] } ERROR: { "success":0, "message":"Error Message"}>			
Required Parameters				
	<b>Name</b>	<b>Type</b>	<b>Example</b>	<b>Description</b>
	taskId	INTEGER	1	ID of the task to view
Optional Parameters	None			
Example URL	/api/v1/api.php?target=scheduler&action=getTaskHistory&taskId=1			

## getTasks

URL	/api/v1/api.php?target=scheduler&action=getTasks
Description	Gets a list of scheduled tasks and their repeat settings
Returns	<p><b>Examples:</b></p> <p>SUCCESSFUL: { "success": 1, "data": [ { "id": "1", "user_id": "31", "name": "Process Holding Tank", "class_name": "\\scheduler\\Tasks\\ProcessHoldingTask", "active": true, "data": null, "last_run": "2015-05-07 12:29:45", "repeat_items": [ { "id": "1", "task_id": "1", "repeat_start": "2015-05-06", "repeat_end": null, "repeat_interval": null, "repeat_year": "**", "repeat_month": "**", "repeat_day": "**", "repeat_week": "**", "repeat_weekday": "4", "repeat_hour": "20", "repeat_minute": "0" }, { "id": "2", "task_id": "1", "repeat_start": "2015-05-06", "repeat_end": null, "repeat_interval": null, "repeat_year": "**", "repeat_month": "**", "repeat_day": "**", "repeat_week": "**", "repeat_weekday": "5", "repeat_hour": "20", "repeat_minute": "0" }, { "id": "3", "task_id": "1", "repeat_start": "2015-05-06", "repeat_end": null, "repeat_interval": null, "repeat_year": "**", "repeat_month": "**", "repeat_day": "**", "repeat_week": "**", "repeat_weekday": "6", "repeat_hour": "20", "repeat_minute": "0" }, { "id": "4", "task_id": "1", "repeat_start": "2015-05-06", "repeat_end": null, "repeat_interval": null, "repeat_year": "**", "repeat_month": "**", "repeat_day": "**", "repeat_week": "**", "repeat_weekday": "0", "repeat_hour": "20", "repeat_minute": "0" } ] }, { "id": "2", "user_id": "31", "name": "New Task", "class_name": "\\scheduler\\Tasks\\TestTask", "active": true, "data": null, "last_run": "2015-05-07 12:35:41", "repeat_items": [ { "id": "5", "task_id": "2", "repeat_start": "2015-05-06", "repeat_end": null, "repeat_interval": null, "repeat_year": "**", "repeat_month": "**", "repeat_day": "**", "repeat_week": "**", "repeat_weekday": "1", "repeat_hour": "21", "repeat_minute": "0" }, { "id": "6", "task_id": "2", "repeat_start": "2015-05-06", "repeat_end": null, "repeat_interval": null, "repeat_year": "**", "repeat_month": "**", "repeat_day": "**", "repeat_week": "**", "repeat_weekday": "2", "repeat_hour": "21", "repeat_minute": "0" }, { "id": "7", "task_id": "2", "repeat_start": "2015-05-06", "repeat_end": null, "repeat_interval": null, "repeat_year": "**", "repeat_month": "**", "repeat_day": "**", "repeat_week": "**", "repeat_weekday": "3", "repeat_hour": "21", "repeat_minute": "0" }, { "id": "8", "task_id": "2", "repeat_start": "2015-05-06", "repeat_end": null, "repeat_interval": null, "repeat_year": "**", "repeat_month": "**", "repeat_day": "**", "repeat_week": "**", "repeat_weekday": "4", "repeat_hour": "21", "repeat_minute": "0" }, { "id": "9", "task_id": "2", "repeat_start": "2015-05-06", "repeat_end": null, "repeat_interval": null, "repeat_year": "**", "repeat_month": "**", "repeat_day": "**", "repeat_week": "**", "repeat_weekday": "5", "repeat_hour": "21", "repeat_minute": "0" } ] } ] }</p> <p>ERROR: { "success": 0, "message": "Error Message" }&gt;</p>
Required Parameters	None
Optional Parameters	None
Example URL	/api/v1/api.php?target=scheduler&action=getTasks