

# WhatsApp Business Account - Schedules API | Developer Documentation

## WhatsApp Business Account - Schedules API

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Version

API for managing WhatsApp Business Account schedules and scheduling configurations.

This endpoint allows businesses to manage scheduling functionality for their WhatsApp Business Account,

including retrieving existing schedules and creating new scheduling configurations for automated messaging,

business hours, and other time-based operations.

---

### GET /{Version}/{WABA-ID}/schedules

Retrieve all schedules associated with a WhatsApp Business Account, including their configuration, status, and execution details.

Use Cases:

List all schedules in a WhatsApp Business Account

Monitor schedule status and performance

Check schedule configuration and timing details

Retrieve schedule execution history and metrics

Filtering:

You can filter results using the `filtering` parameter with JSON-encoded filter conditions.

Supported filters include `status`, `schedule_type`, and `is_active`.

### Sorting:

Results can be sorted by `created_time` or `updated_time` in ascending or descending order.

### Rate Limiting:

Standard Graph API rate limits apply. Use appropriate retry logic with exponential backoff.

### Caching:

Schedule data can be cached for short periods, but status information may change frequently. Implement appropriate cache invalidation strategies.

## Request Syntax

Try it

Select language

---

Select status code

---

Header Parameters

---

User-Agentstring

The user agent string identifying the client software making the request.

Authorizationstring·required

Bearer token for API authentication. This should be a valid access token obtained through the appropriate OAuth flow or system user token.

Path Parameters

---

Versionstring·required

Graph API version to use for this request. Determines the API behavior and available features.

WABA-IDstring·required

WhatsApp Business Account ID. This ID can be found in your WhatsApp Manager or through the business management APIs.

Query Parameters

---

fieldsstring

Comma-separated list of fields to include in the response. If not specified, default fields will be returned. Available fields include: `id`, `name`, `status`, `schedule_type`, `description`, `start_time`, `end_time`, `timezone`, `days_of_week`, `created_time`, `updated_time`, `is_active`, `recurrence_pattern`

filteringstring

JSON-encoded array of filter conditions. Each filter should specify field, operator, and value.

Supported fields: `status`, `schedule_type`, `is_active`

sortOne of "`created_time.asc`", "`created_time.desc`", "`updated_time.asc`", "`updated_time.desc`"

Sort field and direction. Format: `field_name.asc` or `field_name.desc`

Supported fields: `created_time`, `updated_time`

limitinteger [min: 1, max: 100]

Maximum number of schedules to return per page

afterstring

Cursor for pagination - retrieve records after this cursor

beforestring

Cursor for pagination - retrieve records before this cursor

Responses

---

Retrieve all schedules associated with a WhatsApp Business Account, including their configuration, status, and execution details.

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Sorting:

Results can be sorted by `created_time` or `updated_time` in ascending or descending order.

Rate Limiting:

Standard Graph API rate limits apply. Use appropriate retry logic with exponential backoff.

Caching:

Schedule data can be cached for short periods, but status information may change frequently. Implement appropriate cache invalidation strategies.

200

Successfully retrieved WhatsApp Business Account schedules

Content Type: `application/json`

Schema: `WhatsAppBusinessAccountSchedulesConnection`

Show child attributes

---

`WhatsAppBusinessAccountSchedulesConnection`

---

`dataarray of WhatsAppBusinessAccountSchedule·required`

Array of schedule records

Show child attributes

---

`data[]WhatsAppBusinessAccountSchedule`

WhatsApp Business Account schedule configuration and details

Show child attributes

---

`idstring·required`

Unique identifier for the schedule

---

`namestring·required`

Human-readable name for the schedule

---

statusWhatsAppScheduleStatus·required  
Current status of the schedule

---

schedule\_typeWhatsAppScheduleType·required  
Type of schedule configuration

---

descriptionstring  
Optional description of the schedule purpose

---

start\_timestring (time)  
Schedule start time in HH:MM format

---

end\_timestring (time)  
Schedule end time in HH:MM format

---

timezonestring  
Timezone identifier for the schedule

---

days\_of\_weekarray of DayOfWeek  
Days of the week when the schedule is active  
Show child attributes

---

days\_of\_week[]DayOfWeek  
Day of the week

---

created\_timestring (date-time)  
ISO 8601 timestamp when the schedule was created

---

updated\_timestring (date-time)  
ISO 8601 timestamp when the schedule was last updated

---

is\_activeboolean  
Whether the schedule is currently active

---

recurrence\_patternRecurrencePattern  
Pattern for recurring schedules  
Show child attributes

---

frequencyOne of "DAILY", "WEEKLY", "MONTHLY", "YEARLY"

---

intervalinteger [min: 1]  
Interval between recurrences

---

end\_datestring (date)  
End date for the recurrence pattern

---

pagingCursorPaging  
Cursor-based pagination information  
Show child attributes

---

cursorobject  
Show child attributes

---

beforestring  
Cursor pointing to the start of the page

---

afterstring  
Cursor pointing to the end of the page

---

previousstring  
URL for the previous page of results

---

nextstring  
URL for the next page of results  
400  
Bad Request - Invalid parameters or malformed request  
Content Type: application/json  
Schema: GraphAPIError  
Show child attributes

---

GraphAPIError

---

errorobject·required  
Show child attributes

---

messagestring·required  
Human-readable error message

---

typestring·required

Error category type

---

codeinteger·required  
Numeric error code

---

error\_subcodeinteger  
More specific error subcode when available

---

fbtrace\_idstring  
Unique identifier for debugging and support requests with Meta

---

is\_transientboolean  
Indicates whether this error is temporary and the request should be retried

---

error\_user\_titlestring  
User-friendly error title for display purposes

---

error\_user\_msgstring  
User-friendly error message for display purposes  
401  
Unauthorized - Invalid or missing access token  
Content Type: application/json  
Schema: GraphAPIError  
Show child attributes

---

GraphAPIError

---

errorobject·required  
Show child attributes

---

messagestring·required  
Human-readable error message

---

typestring·required  
Error category type

---

codeinteger·required  
Numeric error code

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error\_subcodeinteger

More specific error subcode when available

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error\_user\_titlestring

User-friendly error title for display purposes

---

error\_user\_msgstring

User-friendly error message for display purposes

403

Forbidden - Insufficient permissions or access denied

Content Type: application/json

Schema: GraphAPIError

Show child attributes

---

GraphAPIError

---

errorobject.required

Show child attributes

---

messagestring.required

Human-readable error message

---

typestring.required

Error category type

---

codeinteger.required

Numeric error code

---

error\_subcodeinteger

More specific error subcode when available

---

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Unique identifier for debugging and support requests with Meta

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is\_transientboolean

Indicates whether this error is temporary and the request should be retried

---

error\_user\_titlestring

User-friendly error title for display purposes

---

error\_user\_msgstring

User-friendly error message for display purposes

404

Not Found - WhatsApp Business Account ID does not exist or is not accessible

Content Type: application/json

Schema: GraphAPIError

Show child attributes

---

GraphAPIError

---

errorobject.required

Show child attributes

---

messagestring.required

Human-readable error message

---

typestring.required

Error category type

---

codeinteger.required

Numeric error code

---

error\_subcodeinteger

More specific error subcode when available

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fbtrace\_idstring

Unique identifier for debugging and support requests with Meta

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Indicates whether this error is temporary and the request should be retried

---

error\_user\_titlestring

User-friendly error title for display purposes

---

error\_user\_msgstring

User-friendly error message for display purposes

422

Unprocessable Entity - Request parameters are valid but cannot be processed

Content Type: application/json

Schema: GraphAPIError

Show child attributes

---

GraphAPIError

---

errorobject.required

Show child attributes

---

messagestring.required

Human-readable error message

---

typestring.required

Error category type

---

codeinteger.required

Numeric error code

---

error\_subcodeinteger

More specific error subcode when available

---

fbtrace\_idstring

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---

is\_transientboolean

Indicates whether this error is temporary and the request should be retried

---

error\_user\_titlestring

User-friendly error title for display purposes

---

error\_user\_msgstring

User-friendly error message for display purposes

429

Too Many Requests - Rate limit exceeded

Content Type: application/json

Schema: GraphAPIError

Show child attributes

---

## GraphAPIError

---

errorobject·required  
Show child attributes

---

messagestring·required  
Human-readable error message

---

typestring·required  
Error category type

---

codeinteger·required  
Numeric error code

---

error\_subcodeinteger  
More specific error subcode when available

---

fbtrace\_idstring  
Unique identifier for debugging and support requests with Meta

---

is\_transientboolean  
Indicates whether this error is temporary and the request should be retried

---

error\_user\_titlestring  
User-friendly error title for display purposes

---

error\_user\_msgstring  
User-friendly error message for display purposes  
500  
Internal Server Error - Unexpected server error  
Content Type: application/json  
Schema: GraphAPIError  
Show child attributes

---

## GraphAPIError

---

errorobject·required  
Show child attributes

---

messagestring·required

Human-readable error message

---

typestring-required  
Error category type

---

codeinteger-required  
Numeric error code

---

error\_subcodeinteger  
More specific error subcode when available

---

fbtrace\_idstring  
Unique identifier for debugging and support requests with Meta

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is\_transientboolean  
Indicates whether this error is temporary and the request should be retried

---

error\_user\_titlestring  
User-friendly error title for display purposes

---

error\_user\_msgstring  
User-friendly error message for display purposes  
Select language

---

Select status code

---

---

## POST /{Version}/{WABA-ID}/schedules

Create a new schedule configuration within a WhatsApp Business Account. This endpoint allows businesses to set up automated scheduling for various operations such as business hours, automated responses, and maintenance windows.

Use Cases:

Create business hours schedules for automated responses

Set up maintenance windows for system operations

Configure automated message campaigns with timing

Establish recurring schedule patterns for business operations

Prerequisites:

WhatsApp Business Account must have scheduling feature enabled

Appropriate permissions for schedule management

Valid timezone and time format specifications

Business must meet WhatsApp Business API requirements

Process Flow:

Submit schedule configuration with timing and recurrence details

System validates schedule parameters and conflicts

Schedule is created and activated based on is\_active flag

Monitor schedule status through GET endpoint

Rate Limiting:

Schedule creation is subject to rate limits to prevent abuse.

Standard Graph API rate limits also apply.

Validation:

Start time must be before end time

Timezone must be valid IANA timezone identifier

Days of week must be valid if specified

Recurrence pattern must be consistent with schedule type

## Request Syntax

Try it

Select language

---

Select status code

---

Header Parameters

---

User-Agentstring

The user agent string identifying the client software making the request.

Authorizationstring·required

Bearer token for API authentication. This should be a valid access token obtained through the appropriate OAuth flow or system user token.

Path Parameters

---

Versionstring·required

Graph API version to use for this request. Determines the API behavior and available features.

WABA-IDstring·required

WhatsApp Business Account ID where the schedule will be created.

This ID can be found in your WhatsApp Manager or through business management APIs.

Required

---

Content Type: application/json

Schema: ScheduleCreateRequest

Show child attributes

---

## ScheduleCreateRequest

---

namestring·required

Human-readable name for the schedule

---

schedule\_typeWhatsAppScheduleType·required

Type of schedule configuration

---

descriptionstring

Optional description of the schedule purpose

---

start\_timestring (time)·required

Schedule start time in HH:MM format

---

end\_timestring (time)·required

Schedule end time in HH:MM format

---

timezonestring

Timezone identifier for the schedule

---

days\_of\_weekarray of DayOfWeek

Days of the week when the schedule is active

Show child attributes

---

days\_of\_week[]DayOfWeek

Day of the week

---

is\_activeboolean

Whether the schedule should be active upon creation

---

recurrence\_patternRecurrencePattern

Pattern for recurring schedules

Show child attributes

---

frequencyOne of "DAILY", "WEEKLY", "MONTHLY", "YEARLY"

---

intervalinteger [min: 1]

Interval between recurrences

---

end\_datestring (date)

End date for the recurrence pattern

Responses

---

Create a new schedule configuration within a WhatsApp Business Account. This endpoint allows businesses to set up automated scheduling for various operations such as business hours, automated responses, and maintenance windows.

Use Cases:

Create business hours schedules for automated responses

Set up maintenance windows for system operations

Configure automated message campaigns with timing

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WhatsApp Business Account must have scheduling feature enabled

Appropriate permissions for schedule management

Valid timezone and time format specifications

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Process Flow:

Submit schedule configuration with timing and recurrence details

System validates schedule parameters and conflicts

Schedule is created and activated based on is\_active flag

Monitor schedule status through GET endpoint

Rate Limiting:

Schedule creation is subject to rate limits to prevent abuse.

Standard Graph API rate limits also apply.

Validation:

Start time must be before end time

Timezone must be valid IANA timezone identifier

Days of week must be valid if specified

Recurrence pattern must be consistent with schedule type

200

Successfully created schedule

Content Type: application/json

Schema: ScheduleCreateResponse

Show child attributes

---

ScheduleCreateResponse

---

idstring·required

Unique identifier for the created schedule

400

Bad Request - Invalid parameters or malformed request

Content Type: application/json

Schema: GraphAPIError

Show child attributes

---

GraphAPIError

---

errorobject·required  
Show child attributes

---

messagestring·required  
Human-readable error message

---

typestring·required  
Error category type

---

codeinteger·required  
Numeric error code

---

error\_subcodeinteger  
More specific error subcode when available

---

fbtrace\_idstring  
Unique identifier for debugging and support requests with Meta

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is\_transientboolean  
Indicates whether this error is temporary and the request should be retried

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error\_user\_titlestring  
User-friendly error title for display purposes

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error\_user\_msgstring  
User-friendly error message for display purposes  
401  
Unauthorized - Invalid or missing access token  
Content Type: application/json  
Schema: GraphAPIError  
Show child attributes

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GraphAPIError

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errorobject·required  
Show child attributes

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messagestring·required  
Human-readable error message

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typestring·required  
Error category type

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User-friendly error title for display purposes

---

error\_user\_msgstring  
User-friendly error message for display purposes  
403  
Forbidden - Insufficient permissions or schedule limit exceeded  
Content Type: application/json  
Schema: GraphAPIError  
Show child attributes

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GraphAPIError

---

errorobject·required  
Show child attributes

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messagestring·required  
Human-readable error message

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error\_user\_msgstring  
User-friendly error message for display purposes  
404  
Not Found - WhatsApp Business Account ID does not exist or is not accessible  
Content Type: application/json  
Schema: GraphAPIError  
Show child attributes

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GraphAPIError

---

errorobject·required  
Show child attributes

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messagestring·required  
Human-readable error message

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typestring·required  
Error category type

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codeinteger·required  
Numeric error code

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error\_subcodeinteger  
More specific error subcode when available

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fbtrace\_idstring

Unique identifier for debugging and support requests with Meta

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is\_transientboolean

Indicates whether this error is temporary and the request should be retried

---

error\_user\_titlestring

User-friendly error title for display purposes

---

error\_user\_msgstring

User-friendly error message for display purposes

409

Conflict - Schedule name already exists or time conflict

Content Type: application/json

Schema: GraphAPIError

Show child attributes

---

GraphAPIError

---

errorobject.required

Show child attributes

---

messagestring.required

Human-readable error message

---

typestring.required

Error category type

---

codeinteger.required

Numeric error code

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error\_subcodeinteger

More specific error subcode when available

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User-friendly error title for display purposes

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error\_user\_msgstring

User-friendly error message for display purposes

422

Unprocessable Entity - Request parameters are valid but cannot be processed

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Show child attributes

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GraphAPIError

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Show child attributes

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Human-readable error message

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error\_user\_titlestring

User-friendly error title for display purposes

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error\_user\_msgstring

User-friendly error message for display purposes

429

Too Many Requests - Rate limit exceeded

Content Type: application/json

Schema: GraphAPIError

Show child attributes

---

GraphAPIError

---

errorobject·required

Show child attributes

---

messagestring·required

Human-readable error message

---

typestring·required

Error category type

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codeinteger·required

Numeric error code

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error\_subcodeinteger

More specific error subcode when available

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error\_user\_titlestring

User-friendly error title for display purposes

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error\_user\_msgstring

User-friendly error message for display purposes

500

Internal Server Error - Unexpected server error

Content Type: application/json

Schema: GraphAPIError

Show child attributes

---

GraphAPIError

---

errorobject·required  
Show child attributes

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messagestring·required  
Human-readable error message

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error\_user\_msgstring  
User-friendly error message for display purposes  
Select language

---

Select status code

---

## Authentication

Scheme	Type	Location
bearerAuth	HTTP Bearer	Header: Authorization

# Usage Examples

bearerAuth:

Include `Authorization: Bearer your-token-here` in request headers

# Global Authentication Requirements

All endpoints require:

bearerAuth

---

Revision #5

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