# graphql.ini [GraphQLWebhooks]

The settings of [GraphQLWebhooks] in graphql.ini: EndpointList, Timeout, MaxAttempts, RetryBackoff, MaxBackoff, BatchSize, LogMaxBytes

Source file: `doc/eng-us/examples/ini-settings/graphql/GraphQLWebhooks.md` Last changed 2026-11-04
https://doc.exponential.earth/learninminutes/exphelp/viewer/examples/ini-settings/graphql/GraphQLWebhooks.md

The block `[GraphQLWebhooks]` of `settings/graphql.ini`, with 7 setting(s).

Never edit `settings/graphql.ini` itself: an update replaces it. Put the settings you change in an override, which wins over the shipped file:

- `settings/override/graphql.ini.append.php` for every siteaccess,
- `settings/siteaccess/<siteaccess>/graphql.ini.append.php` for one siteaccess,
- `extension/<extension>/settings/graphql.ini.append.php` in an extension (read when the extension is active).

## EndpointList

> The webhooks: every event of the journal an end point asks for is POSTed to it as JSON, signed with HMAC-SHA-256
> (X-Exponential-Signature: sha256=<hex of HMAC(secret, X-Exponential-Timestamp + "." + body)>), by the cronjob part
> graphqlwebhooks (also in the frequent group) or ./console exp:graphql:webhooks --deliver; never by the request that
> changed the content. Add them with ./console exp:graphql:webhooks --add=<name> --url=https://... --apply, or in
> Setup > GraphQL: both write settings/override/graphql.ini.append.php and keep the signing secret in the secret store.
>
> The end points, each with its block [GraphQLWebhook_<name>]:
>
> [GraphQLWebhook_shop]
> URL=https://shop.example.com/hooks/exponential
>
> ### the events it wants: publish, update, trash, delete, move, hide, reveal, mutation; none: every event
>
> Events[]=publish
> Events[]=update
>
> ### only content below the root node of these siteaccesses, in their languages; none: every siteaccess

SiteAccessList[]=eng

## only these classes; none: every class

ClassList[]=article

## only content at or below these nodes; none: the whole tree

SubtreeList[]=2

## the NAME of the signing secret in the secret store (Setup > Secrets), or env:VARIABLE; the value is never written

## into a settings file. Default: graphql.webhook.<name>

Secret=graphql.webhook.shop

## event (the default): the event and its ids; query: the answer of a persisted query (Query, its name or SHA-256)

## with the variables objectId, nodeId, version, language and event, run as QueryUser (a login; default anonymous)

Payload=event
Query=
QueryUser=

## disabled keeps the end point but sends it nothing

Enabled=enabled

Default: an empty list.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/graphql.ini.append.php
[GraphQLWebhooks]
# an empty "EndpointList[]" first replaces the shipped list; without it the items are added
EndpointList[]
*/ ?>
```

## Timeout

> Seconds an end point has to answer; a 2xx answer delivers, anything else is tried again.

Default: `10`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/graphql.ini.append.php
[GraphQLWebhooks]
Timeout=10
*/ ?>
```

## MaxAttempts

> Tries per delivery; then it is kept in var/<site>/graphql/webhooks/failed/ and the delivery log says so.

Default: `8`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/graphql.ini.append.php
[GraphQLWebhooks]
MaxAttempts=8
*/ ?>
```

## RetryBackoff

> Seconds before the second try, doubled for each try after it, at most MaxBackoff.

Default: `30`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/graphql.ini.append.php
[GraphQLWebhooks]
RetryBackoff=30
*/ ?>
```

## MaxBackoff

Default: `3600`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/graphql.ini.append.php
[GraphQLWebhooks]
MaxBackoff=3600
*/ ?>
```

## BatchSize

> Deliveries sent per run at most.

Default: `200`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/graphql.ini.append.php
[GraphQLWebhooks]
BatchSize=200
*/ ?>
```

## LogMaxBytes

> The delivery log (var/<site>/graphql/webhooks/deliveries.jsonl) is kept as deliveries.1.jsonl past this size.

Default: `1M`.

INI

```
<?php /* #?ini charset="utf-8"?
# settings/override/graphql.ini.append.php
[GraphQLWebhooks]
LogMaxBytes=1M
*/ ?>
```

## Related

- All blocks of graphql.ini
- All INI files
- The settings page

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