☰   Messages and delivery › Retry Policy

Messages and delivery

Retry Policy

Goals

Retry per HTTP request, not per multi-step flow.

Preserve ordering by retrying only the current step.

Avoid duplicating non-idempotent operations.

Defaults

Attempts: 3

Max delay cap: 30000 ms

Jitter: 0.1 (10 percent)

Provider defaults:

  Telegram min delay: 400 ms

  Discord min delay: 500 ms

Behavior

Discord

Retries only on rate-limit errors (HTTP 429).

Uses Discord `retry_after` when available, otherwise exponential backoff.

Telegram

- Retries on transient errors (429, timeout, connect/reset/closed, temporarily unavailable).

- Uses `retry_after` when available, otherwise exponential backoff.

- Markdown parse errors are not retried; they fall back to plain text.

Configuration

Set retry policy per provider in `~/.openclaw/openclaw.json` :

```
{
  channels: {
    telegram: {
      retry: {
        attempts: 3,
        minDelayMs: 400,
        maxDelayMs: 30000,
        jitter: 0.1,
      },
    },
    discord: {
      retry: {
        attempts: 3,
        minDelayMs: 500,
        maxDelayMs: 30000,
        jitter: 0.1,
      },
    },
  },
}
```

Notes

Retries apply per request (message send, media upload, reaction, poll, sticker).

Composite flows do not retry completed steps.

⟨ **Streaming and Chunking**   **Command Queue** ⟩

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