



## Configuration

# Channel Routing

OpenClaw routes replies **back to the channel where a message came from**. The model does not choose a channel; routing is deterministic and controlled by the host configuration.

## Key terms

**Channel:** whatsapp , telegram , discord , slack , signal , imessage , webchat .

**AccountId:** per-channel account instance (when supported) .

**AgentId:** an isolated workspace + session store (“brain”) .

**SessionKey:** the bucket key used to store context and control concurrency .

## Session key shapes (examples)

Direct messages collapse to the agent’s **main** session:

```
agent:<agentId>:<mainKey> (default: agent:main:main )
```

Groups and channels remain isolated per channel:

Groups: agent:<agentId>:<channel>:group:<id>

Channels/rooms: agent:<agentId>:<channel>:channel:<id>

## Threads:



Slack/Discord threads append :thread:<threadId> to the base key.

Telegram forum topics embed :topic:<topicId> in the group key.

## Examples:

```
agent:main:telegram:group:-1001234567890:topic:42
```

```
agent:main:discord:channel:123456:thread:987654
```

## Routing rules (how an agent is chosen)

Routing picks **one agent** for each inbound message:

1. **Exact peer match** ( bindings with peer.kind + peer.id ).
2. **Parent peer match** (thread inheritance).
3. **Guild + roles match** (Discord) via guildId + roles .
4. **Guild match** (Discord) via guildId .
5. **Team match** (Slack) via teamId .
6. **Account match** ( accountId on the channel).
7. **Channel match** (any account on that channel, accountId: "\*" ).
8. **Default agent** ( agents.list[].default , else first list entry, fallback to main ).

When a binding includes multiple match fields ( peer , guildId , teamId , roles ), **all provided fields must match** for that binding to apply.

The matched agent determines which workspace and session store are used.

## Broadcast groups (run multiple agents)

Broadcast groups let you run **multiple agents** for the same peer **when OpenClaw would normally reply** (for example: in WhatsApp groups, after mention/activation gating).

&gt;

Config:

```
{
  broadcast: {
    strategy: "parallel",
    "120363403215116621@g.us": ["alfred", "baerbel"],
    "+15555550123": ["support", "logger"],
  },
}
```

See:

## Config overview

`agents.list` : named agent definitions (workspace, model, etc.).

`bindings` : map inbound channels/accounts/peers to agents.

Example:

```
{
  agents: {
    list: [{ id: "support", name: "Support", workspace: "~/openclaw/workspace-support" }],
    bindings: [
      { match: { channel: "slack", teamId: "T123" }, agentId: "support" },
      { match: { channel: "telegram", peer: { kind: "group", id: "-100123" } }, agentId: "logger" }
    ]
}
```

## Session storage

Session stores live under the state directory (default `~/.openclaw`):



`~/.openclaw/agents/<agentId>/sessions/sessions.json`

JSONL transcripts live alongside the store

You can override the store path via `session.store` and `{agentId}` templating.

## WebChat behavior

WebChat attaches to the **selected agent** and defaults to the agent's main session. Because of this, WebChat lets you see cross-channel context for that agent in one place.

## Reply context

Inbound replies include:

`ReplyToId`, `ReplyToBody`, and `ReplyToSender` when available.

Quoted context is appended to `Body` as a `[Replies to ...]` block.

This is consistent across channels.

[◀ Broadcast Groups](#)

[Channel Location Parsing ▶](#)

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