

LiteLLM

1.87.0

-> 1.98.0

```
- ??????`192.168.4.19`??? `litellm`????? `/opt/litellm`?
- ?????????????????? 20-40 ?
- ?????2026-09-01
- ???*????????????*?????? 1.87.0?

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## ??????????

| ?? | ? |
|---|---|
| ???? | `ghcr.io/berriai/litellm:1.87.0`?2026-05-23 ??? |
| ???? | `v1.98.0`?2026-08-22??? Latest Release? |
| ?????? | `1.99.0-rc.2`?`1.100.0-rc.1` ?? RC?????? |
| ???? | docker-compose v5.3.1?`/opt/litellm/docker-compose.yml` |
| ??? | `postgres:16`?bind mount `/opt/litellm/postgres`??? `litellm` |
| ???? | `./config.yaml` -> `/app/config.yaml` |
| ???? | `STORE_MODEL_IN_DB=True`?`restart: always` |
| ??? | 11 ? |
| ?? | ??? 1.8T??? 15G?DB ?? 386MB |

**????*????????? 4 ?????????? 1.95-1.98??1.87.0 ??????????

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```

???????2026-09-01 ???????????

1. ?????

- `ghcr.io` ??????11/21 ??????`\*\*?????`**
- `ghcr.nju.edu.cn/berriai/litellm:1.98.0` ? 30 ???????????
- `docker.litellm.ai/berriai/litellm:1.98.0` ?????

2. ?????

- ??? `/opt/litellm/backup\_litellm\_db\_20260901-020955.dump`?20MB?`pg\_dump -Fc`?
- ??? restore ??????????

3. ?????

- ?????? 1.98.0?`\*\*28 ??????????`**
- ?????`prisma migrate deploy` -> `Migration diff applied` -> `Post-migration sanity check completed`????

4. ?????

- 11 ?????????`/model/info` ??/?????? 1.87 `\*\*?????0 ??`**
- ?????????`qwen3.7-plus`?`deepseek-v4-flash-vision-exp` ?????

5. ?????

- 1.88-1.98 release notes `\*\*? Breaking Changes ??`**
- ??? issue #33650?1.90.0 ?????????????? `\*\*v1.90.6 ??`*????????????????????????????
- ?????? unknown / invalid / deprecated ?????

??????

?? 0????????????????????????

```bash

cd /opt/litellm

cp config.yaml config.yaml.bak.\$(date +%Y%m%d-%H%M)

cp docker-compose.yml docker-compose.yml.bak.\$(date +%Y%m%d-%H%M)

```
docker exec litellm-postgres pg_dump -U litellm -d litellm -Fc -f /tmp/pre.dump

docker cp litellm-postgres:/tmp/pre.dump /opt/litellm/backup_before_1.98_$(date
+%Y%m%d-%H%M).dump

docker exec litellm-postgres rm -f /tmp/pre.dump

ls -lh /opt/litellm/backup_before_1.98_*.dump
...

?? 1???? tag

```bash
cd /opt/litellm

sed -i
's#image: ghcr.io/berriai/litellm:1.87.0#image: ghcr.nju.edu.cn/berriai/litellm:1.98
docker-compose.yml

grep -n "image:" docker-compose.yml
...

### ?? 2????????? litellm?postgres ????

```bash
cd /opt/litellm

docker compose up -d litellm
...

?? 3????????????????

```bash
docker logs -f litellm
...

????????????

- `Applying migration ...`?28 ??
```

```

- `Migration diff applied successfully` + `Post-migration sanity check completed`
- `LiteLLM: Proxy initialized with Config, Set models:` ??? 11 ???
- ? `Traceback` / `ERROR`

`Ctrl+C` ???????

### ?? 4???

```bash
???

curl -s http://127.0.0.1:4000/health/readiness
?? {"status":"healthy","db":"connected"}

?????? 11

curl -s http://127.0.0.1:4000/v1/models -H "Authorization: Bearer sk-xxxxxxxxxxxxx"
| python3 -c
"import json,sys; d=json.load(sys.stdin); print(len(d['data'])); [print(' - ',m['id'])
for m in d['data']]

?????????????

curl -s http://127.0.0.1:4000/v1/chat/completions -H
"Authorization: Bearer sk-xxxxxxxxxxxxx" \
-H "Content-Type: application/json" \
-d
'{"model":"qwen3.7-plus","messages":[{"role":"user","content":"hi"}],"max_tokens":5}

???

docker exec litellm litellm --version

docker inspect litellm --format "{{.Config.Image}}"

...

?????????

- Costs ?? 11 ?????????????? `$` ??????????????

```

```
- Usage / ?? / Key ???????
- Admin UI ??? antd/Tremor ?? shadcn?***????**????

??????

?? A?????????????

1.98 ???????/???1.87 ? Prisma ????????????????

```bash
cd /opt/litellm

sed -i
's#image: ghcr.nju.edu.cn/berriai/litellm:1.98.0#image: ghcr.io/berriai/litellm:1.87
docker-compose.yml

docker compose up -d litellm

docker logs -f litellm

...

? 1.87 ???????????`relation does not exist` / `migration state mismatch`???? 1.98
?????????????

```bash

docker exec litellm-postgres psql -U litellm -d litellm -c \

 "DELETE FROM \"_prisma_migrations\" WHERE migration_name > '20260514120000_add_blo

docker compose restart litellm

...

?? B?????????????

```bash
```

```
cd /opt/litellm

docker compose stop litellm

docker exec litellm-postgres psql -U litellm -d postgres -c
"DROP DATABASE litellm;"

docker exec litellm-postgres psql -U litellm -d postgres -c
"CREATE DATABASE litellm OWNER litellm;"

docker cp backup_before_1.98_<???.dump litellm-postgres:/tmp/r.dump

docker exec litellm-postgres pg_restore -U litellm -d litellm /tmp/r.dump
--no-owner

docker exec litellm-postgres rm -f /tmp/r.dump

# ??? docker-compose.yml ? image ?? 1.87.0

docker compose up -d
...

> ????? B ?????????????? Key ??????????

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## ??1.98.0 ?? 1.87.0 ??? 28 ??????????????

...

20260520120000_add_mcp_env_vars
20260526120000_add_oauth_passthrough_to_mcp_servers
20260604120000_add_oauth2_flow_to_mcp_servers
20260605182307_add_timeout_to_mcp_server_table
20260626120000_add_mcp_tool_search_enabled
20260629000000_add_max_concurrent_requests_to_mcp_server_table
20260630120000_add_token_exchange_to_mcp_servers
20260630190000_add_budget_fallbacks_to_litellm_verification_token
20260703120000_add_token_exchange_profile_to_mcp_servers
20260710000000_add_dcr_bridge_to_mcp_server_table
20260713010000_add_ptu_columns_to_daily_team_spend
```

```
20260713230852_add_key_type_to_litellm_verification_token
20260715000000_add_issuer_to_mcp_server_table
20260717000000_add_compression_saved_tokens
20260717000000_add_mcp_server_oauth_client_table
20260718000000_add_savings_spend
20260721000000_add_sso_identity_assertion
20260724000000_add_spend_log_tool_index_start_time_idx
20260725000000_add_daily_tool_spend
20260729000000_add_reload_tracking_to_litellm_config
20260730000000_add_api_key_and_request_tags_to_managed_object_table
20260731000000_add_autorouter_savings_spend
20260803000000_add_daily_gateway_requests
20260805000000_add_autorouter_session_rollup
20260807000000_add_autorouter_session_tier_turns
20260810000000_add_verificationtoken_settings_updated_at
20260811172448_add_shadow_eval
20260813180408_add_shadow_eval_direction
...

????????????????`20260514120000_add_blocked_to_proxy_model_table`

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## ??????

- **????????**?????? tag ?????????????????? A ?? `_prisma_migrations`
- **??? `LITELLM_MASTER_KEY`**????? compose ???? `LITELLM_SALT_KEY`?LiteLLM ?
  master key ??????? master key ???????? LLM API Key ????
- **?? 1.87.0 ??**????????? `docker image prune`??????????
- **1.98 ?????? warning**?
  `register_model: model=... not in built-in cost map ... cache cost fields will default
  to 0`?????cache creation?"????????? `cache_read_input_token_cost`
  ?????????????????????? `model_info` ? `cache_creation_input_token_cost`
```

```
- **1.98.0 *****PTU ***** routing groups?6 ?
`x-litellm-response-cost-*` *****Admin UI ???

- ***** SMTP *****`alerting: ["email"]` ?? compose ?? SMTP ???
```

```
- [ ] ?? 0 *****
- [ ] ?? 1 image ***** `ghcr.nju.edu.cn/berriai/litellm:1.98.0`
- [ ] ?? 3 ***** 28 ? Applying migration ?? ERROR
- [ ] ?? 4 ***** healthy + db connected
- [ ] ?? 4 `/v1/models` ?? 11 ???
- [ ] ?? 4 ***** 200
- [ ] Costs *****
- [ ] *****
```

Revision #1

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