ClamAV — Configuration Change Manual
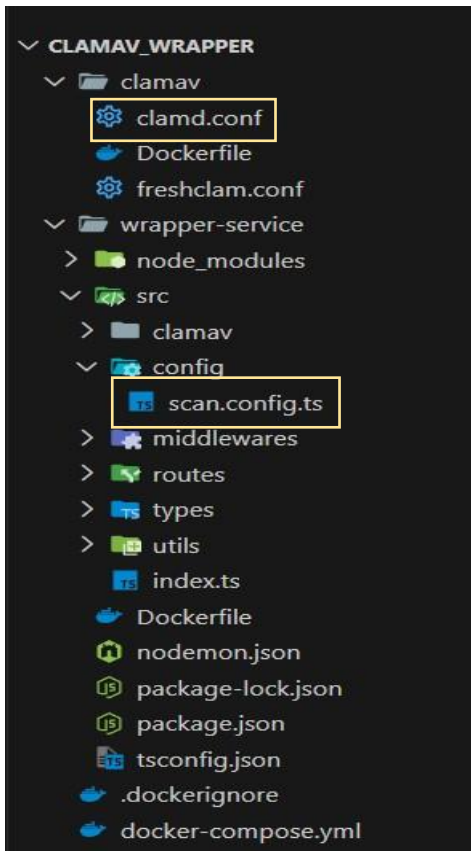
Structure of clamAV-Wrapper

🟨	File paths
🟦	Terminal Commands

Which file to edit

- Wrapper-level configuration:

  wrapper-service/src/config/scan.config.ts

- ClamAV engine configuration:

  CLAMAV_WRAPPER/clamav/clamd.conf

Commands: rebuild, restart, and cleanup

NOTE: - Run these from project root (CLAMAV_WRAPPER/) , After doing the changes

- **To Stop and remove current containers**

  docker-compose down

- **Rebuild images (no cache)**

  docker-compose build --no-cache

- **Start containers**

  `docker-compose up`

- **Validate ClamAV**

  `docker ps`

Postman API validation instructions for the ClamAV wrapper:

API Endpoint	Method	Description	Body / Params	Expected Response	Status Code
/health	GET	Checks if ClamAV service is reachable	None	{ "status": "REACHABLE" } if service is up { "status": "UNREACHABLE" } if down	200 if reachable 503 if unreachable
/scan	POST	Upload a file to scan for viruses	Form-data: key=file, type=File, select the file to scan	Clean file: { "status": "CLEAN", "ScannedBytes": "1234..","time":"2345(ms)" } Infected file: { "status": "INFECTED","virusname":"virus_name", "ScannedBytes": "1234..","time":"2345(ms)"}	200
/scan	POST	Error handling when ClamAV is down	Form-data: key=file, type=File	{ "status": "UNREACHABLE", "error": "..." }	503