

# AI Cold Email Warm-Up Master Document

This document will serve as the living, editable blueprint for your entire warm-up automation system. Paste your batches of information here. I will consolidate, restructure, verify order of operations, and maintain a continuously optimized checklist with only what WORKS.

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## SECTION 1: Incoming Data Processing Zone

Paste any raw notes, scripts, logs, or steps here. I'll refine and migrate them into the master checklist.

*(Waiting for your first batch.)*

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## SECTION 2: Master Checklist (Validated & Working Only)

### System Component Inventory

#### N8N Workflow Layer

- Workflows: 2 total
- Nodes in Workflow 1 (Postal AI Warm-up Reply System): 7
- Nodes in Workflow 2 (System Inbox Forwarder): 3
- **Total N8N Nodes:** 10

#### Python / Linux Script Layer

- Warmup Sender Engine: 1
- Spam Mover (IMAP for Free Emails): 1
- Free Email Auto-Responder (Postal-only replies): 1
- Content Engine (subjects/greetings/body/closings): 1
- Initial Sender Test Script: 1
- **Total Python/Linux Scripts:** 5

#### Postal SMTP Layer

- P1 Domains: 284
- P3 Domains: 249
- P1 Webhooks: 284
- P3 Webhooks: 249
- API Keys: 2 (P1 + P3)
- Postal Hosts: 2
- **Total Postal Components:** 537

## Data Layer (Static JSON + Lookups)

- P1 Master JSON: 1
- P3 Master JSON: 1
- Free Email List JSON (55 emails): 1
- Mail Server Key Lookup Data: 1
- **Total Data Assets: 4**

## Identity Governance

- Warmup Identities (4): andre, amandel, mandel, man
  - System Identities (8): mail, support, bounce, fbl, dmarc-reports, dmarc-forensic, reports, tls-report
  - **Total Identity Prefixes: 12**
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## AI Warm-Up System Checklist (Validated & Working Only)\*\*

### AI Warm-Up System Checklist

#### Infrastructure

- **P1 Server (postal.orengenmail.com): Ready**
  - **P3 Server (postalthree.orengenmail.com): Ready**
  - **5,892 Postal Emails Extracted: COMPLETE**
  - **55 Free Gmail/Outlook/Hotmail Targets: Ready**
  - **P1 Webhooks (283): CONFIGURED**
  - **P3 Webhooks (248): CONFIGURED**
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## N8N Workflows Needed (2 Separate Workflows)

## WORKFLOW 2: SYSTEM INBOX FORWARDER — ARCHITECTURE LOCKED

- **Trigger:** Webhook `/system-inbox`
  - **Filter:** System prefixes only (mail, support, bounce, fbl, dmarc-reports, dmarc-forensic, reports, tls-report)
  - **Action:** Forward all payloads to `reports@orengen.io`
  - **Safety:** Never reply, never warm-up, no AI logic
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### Workflow 1: Postal AI Warm-up Reply System

- **Webhook Trigger (/warmup-reply-v2):** 
- **Read P1/P3 Data:** 
- **AI Reply Logic:** 

- Send AI Reply (Postal API):

## Workflow 2: Postal System Inbox Forwarder (NEW)

- Webhook Trigger (/system-inbox): PENDING
  - Classify & Build Forward: PENDING
  - Send Forward to reports@orengen.io: PENDING
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## Scripts (Separate from N8N)

- Spam Mover (FREE EMAILS ONLY) – Gmail/Outlook/Hotmail IMAP → move spam to inbox & reply: PENDING
  - Provider-Weighted Distribution (Free ↔ Postal only, no Virtualmin): PENDING
  - AI Reply Content Engine (subjects/greetings, bodies, closings – Python): PENDING
  - Free Emails Whitelist (ONLY reply to Postal domains): PENDING
  - Postal Warmup Orchestrator (Python initial send + tiered intervals + test mode): PENDING
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## Monitoring & Stability Layer (Coolify Stack)

- Uptime Kuma – [uptimekuma.orengen.io](http://uptimekuma.orengen.io) – HTTP checks for N8N webhooks, Postal endpoints, IMAP bridge: PENDING
  - Glances – [glances.orengen.io](http://glances.orengen.io) – Server resource monitoring (CPU, RAM, disk, network): PENDING
  - Beszel – [beszel.orengen.io](http://beszel.orengen.io) – Central log and container monitoring for N8N, Postal, Python: PENDING
  - GlitchTip (or Bugsink) – [glitchs.orengen.io](http://glitchs.orengen.io) – Centralized error tracking for Python + N8N: PENDING
  - Langfuse (optional) – [langfuse.orengen.io](http://langfuse.orengen.io) – AI observability for warm-up reply quality & latency: PENDING
  - Gitea (or Forgejo) (optional) – [gitea.orengen.io](http://gitea.orengen.io) or [forgejo.orengen.io](http://forgejo.orengen.io) – Git repo for scripts, JSON configs, and N8N exports: PENDING
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## Prefix/Identity Governance

- Warmup Identities: andre, amandel, mandel, man → AI replies
- System Inboxes: mail, support, bounce, fbl, dmarc-reports, dmarc-forensic, reports, tls-report → Forward to reports@orengen.io
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- System Inboxes: mail, support, bounce, fbl, dmarc-reports, dmarc-forensic, reports, tls-report → Forward to reports@orengen.io

This section will be updated continuously as we confirm working steps.

**(Empty until you provide data.)**

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## **SECTION 3: Commands, Configs & Dependencies**

All verified commands, installation sequences, and configuration snippets will be maintained here in strict execution order.

**(Empty until data is processed.)**