

UDC Compliance Checklist

#Ai/development

■ UDC v1.0 Compliance Checklist

1. Core Endpoints

- /health — Status + dependencies
- /capabilities — Declared version + features
- /state — CPU, memory, uptime
- /dependencies — Connected droplets
- /message (POST) — Receives standardized UDC messages
- /send (POST) — Sends messages with metadata
- /reload-config — Relaods configuration safely
- /shutdown + /emergency-stop — Graceful + immediate stop

2. Authentication

- JWT tokens verified via Droplet 1 (Registry)
- All requests include trace_id + source
- Rate limits + permissions enforced per token

3. Observability

- Metrics endpoint with Prometheus format
- Logs structured and accessible via /logs
- Events track recent actions
- All activity tagged with timestamp + droplet ID

4. Versioning

- Declares adc_version in /capabilities
- Maintains backward compatibility for 2 versions
- Version endpoint returns build info

5. Interoperability

- Uses UDC JSON schema for all communications
- Supports standardized message payload schemas