

UDC Compliance Checklist

#Ai/development

■ UDC v1.0 Compliance Checklist

1. Core Endpoints

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

2. Authentication

<input type="checkbox"/> JWT tokens verified via Droplet 1 (Registry)
<input type="checkbox"/> All requests include trace_id + source
<input type="checkbox"/> Rate limits + permissions enforced per token

3. Observability

<input type="checkbox"/> /metrics endpoint with Prometheus format
<input type="checkbox"/> /logs structured and accessible via /logs
<input type="checkbox"/> /events tracks recent actions
<input type="checkbox"/> All activity tagged with timestamp + droplet ID

4. Versioning

<input type="checkbox"/> Declares sdk_version in /capabilities
<input type="checkbox"/> Maintains backward compatibility for 2 versions
<input type="checkbox"/> /version endpoint returns build info

5. Interoperability

<input type="checkbox"/> Uses UDC JSON schema for all communications
<input type="checkbox"/> Supports standardized message payload schema