# 📄 Post-Release Health Certification

| **Meta Information** |  |
| --- | --- |
| **Release Ticket** | [INSERT JIRA TICKET LINK] |
| **Date** | 12-Dec-2025 |
| **Environment** | **PROD** (Production) |
| **Release Owner** | [YOUR NAME] |
| **Status** | **[STABLE / AT RISK]** |

## 1. Executive Summary

**Release Status:** **[PASSED / FAILED / CONDITIONAL PASS]**

The deployment of the application suite to the **Production** environment has been verified.

* **Stability:** [Summary of CPU/Memory stability...]
* **Performance:** [Summary of latency and throughput...]
* **Anomalies:** [Mention any new errors, log noise, or blocked tests...]
* **Sign-off:** [Enter progression decision...]

## 2. Pre-Release Benchmarks (Reference)

*Baseline metrics captured immediately prior to the maintenance window.*

| **Application** | **Metric Type** | **Pre-Release Baseline Value** | **Notes** |
| --- | --- | --- | --- |
| **Boule** | Avg Latency | [e.g., 310ms] | Normal traffic volume |
| **Boule** | Error Rate | [e.g., 0.01%] |  |
| **Swagit** | Readiness Dur | [e.g., 120ms] |  |
| **Chronus** | Queue Depth | [e.g., 50 jobs] |  |
| **Atreyu** | Throughput | [e.g., 1200 rpm] |  |

## 3. Health-Check Status (Post-Release)

*Verification of application availability and version consistency immediately post-deploy.*

| **Application** | **URL Monitored** | **HTTP Status** | **Response Time** | **Version / Hash** |
| --- | --- | --- | --- | --- |
| **Boule** | .../admin/system/status | [STATUS] | [MS] | [HASH] |
| **Swagit-Admin-V3** | .../readiness | [STATUS] | [MS] | [HASH] |
| **Chronus** | .../health | [STATUS] | [MS] | [HASH] |
| **Atreyu** | .../health | [STATUS] | [MS] | [HASH] |

## 4. Infrastructure & Performance Analysis (Post-Release)

### 🔹 Application: Boule

| **Analysis & Interpretation** | **Evidence / Charts** |
| --- | --- |
| **CPU & System Usage**  **Observation:**  • [Describe spike/behavior during deploy]  • [Describe post-deploy baseline]  **Verdict:** [Healthy/Issue] | **[INSERT CPU/MEMORY GRAPH HERE]**  *(Screenshot of deployment window + 1 hour)* |
| **Latency & Throughput**  **Observation:**  • [Compare against Pre-Release Baseline]  • [Note any specific slow endpoints]  **Verdict:** [Nominal/Regression] | **[INSERT LATENCY GRAPH HERE]**  *(Comparison of Release Day vs Baseline)* |

### 🔹 Application: Swagit-Admin-V3

| **Analysis & Interpretation** | **Evidence / Charts** |
| --- | --- |
| **Readiness & Stability**  **Observation:**  • [Describe duration trends]  • [Note any timeouts or spikes]  **Verdict:** [Healthy/Issue] | **[INSERT DURATION TREND GRAPH HERE]**  *(Screenshot of readiness checks)* |

### 🔹 Application: Chronus

| **Analysis & Interpretation** | **Evidence / Charts** |
| --- | --- |
| **Performance Metrics**  **Observation:**  • [Describe CPU/Memory behavior]  • [Describe key processing metrics]  **Verdict:** [Healthy/Issue] | **[INSERT CHRONUS METRICS GRAPH HERE]** |

### 🔹 Application: Atreyu

| **Analysis & Interpretation** | **Evidence / Charts** |
| --- | --- |
| **Performance Metrics**  **Observation:**  • [Describe CPU/Memory behavior]  • [Describe key API metrics]  **Verdict:** [Healthy/Issue] | **[INSERT ATREYU METRICS GRAPH HERE]** |

## 5. Key Transactions (Pre vs Post Comparison)

*Comparison of top throughput endpoints to ensure no regression in user experience.*

| **Application** | **Transaction Name** | **Pre-Release (Baseline)** | **Post-Release (Actual)** | **Delta** | **Status** |
| --- | --- | --- | --- | --- | --- |
| **Boule** | [Controller#Action] | [000ms] | [000ms] | 0% | 🟢 |
| **Swagit** | [Controller#Action] | [000ms] | [000ms] | 0% | 🟢 |
| **Chronus** | [Job/Action] | [000ms] | [000ms] | 0% | 🟢 |
| **Atreyu** | [Endpoint] | [000ms] | [000ms] | 0% | 🟢 |

## 6. Log Patterns & Error Analysis

*Analysis of top log patterns from the Elastic "Patterns" view.*

| **Count** | **Pattern Sample** | **Severity** | **Interpretation & Action** |
| --- | --- | --- | --- |
| [00,000] | [Insert Log Pattern Text] | [Info/Warn/Error] | [Enter analysis here...] |
| [00,000] | [Insert Log Pattern Text] | [Info/Warn/Error] | [Enter analysis here...] |

## 7. Risks & Action Items

*Critical items that must be addressed before future releases.*

| **ID** | **Issue Description** | **Risk Level** | **Owner** | **Target Resolution** |
| --- | --- | --- | --- | --- |
| **R-01** | **[Risk Title]**  [Description of risk and impact] | [High/Med/Low] | [Name/Team] | [Sprint/Date] |

### 📝 Sign-off

* **QA Lead:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **Dev Lead:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* **Ops Lead:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_