# 📄 Post-Release Health Certification (PROD) Day 1



| **Meta Information** |  |
| --- | --- |
| **Release Links / CRs** | [INSERT LINKS TO JIRA / CONFLUENCE RELEASE PAGE] |
| **Date** | 12-Dec-2025 |
| **Environment** | **PROD** (Production) |

## 1. Executive Summary

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

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

* The **Production** release (12-Dec-2025) passed initial health checks, with all application endpoints returning HTTP 200.
* **Chronus** is **HEALTHY**. **Boule** is **HEALTHY** but shows new latency regression.
* **Swagit-Admin-V3** fixed a memory issue but suffered a major temporary post-release failure (extreme latency/errors); its verdict is "Could have an Issue."
* Critical action items include investigating a massive spike in the archive\_applications job (Warn) and a doubling of active\_model\_serializers errors (Error).

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

*Verification of application availability and endpoints immediately post-deploy.*

| **Application** | **Region** | **URL Monitored** | **HTTP Status** | **Response Time** |
| --- | --- | --- | --- | --- |
| **Boule** | **US** | <https://boule.granicusops.com/boards/admin/system/status> | 200 | 86.6 |
| **Boule** | **CA** | <https://boule.ca.granicusops.com/boards/admin/system/status> | 200 | 32.8 |
| **Swagit** | **US** | <https://admin.v3.swagit.com/readiness_check> | 200 | 25.4 |
| **Chronus** | **US** | <https://chronus.granicusops.com/system/status> | 200 | 32 |
| **Chronus** | **CA** | <https://chronus.ca.granicusops.com/system/status> | 200 | 85 |
| **Atreyu** | **CA** | <https://atreyu.ca.granicus.com/atreyu/status.json> | 200 |  |
| **Atreyu** | **US** | <https://atreyu.granicusops.com/status.json> | 200 |  |

## 3. Infrastructure & Performance Analysis

*Instruction: Ideally, provide a single timeline graph covering (Pre-Release + Release Window + Post-Release) with the deployment window clearly marked.*

### 🔹 Application: Boule (GovMeetings)

| **Metric** | **Analysis & Observations** | **Evidence (Timeline Graphs)** |
| --- | --- | --- |
| **CPU, Memory & Throughput** | **Observation:**   * **During release** it spiked max usage but improved almost immediately * **Afterwards**, system stabilized. CPU established a consistent, rhythmic pattern without hitting maximum capacity, while Memory began a slow, gradual increase but remained significantly more efficient than pre-release levels * it has introduced **latency regression**.. * As Latency significantly degraded   **Verdict:** HEALTHY |  |
| **Latency (US & CA)** | **Observation:**  There was no major change in the synthetics and endpoint of boule in CA and US  **Verdict:** Normal. |  |

### 🔹 Application: Swagit-Admin-V3

| **Metric** | **Analysis & Observations** | **Evidence (Timeline Graphs)** |
| --- | --- | --- |
| **Readiness & Duration** | **Observation:**   * It rendered the application effectively unusable for several hours, characterized by extreme latency (400s) and near-total transaction failure (90%). * returned to 0% errors after 2:00 PM. * Before release, System Memory was static and high (hovering near 50%), * the release successfully fixed the memory consumption issue (reclaiming ~35% of system memory)   **Verdict:** Could have an Issue. |  |

### 🔹 Application: Chronus (Jobs)

| **Metric** | **Analysis & Observations** | **Evidence (Timeline Graphs)** |
| --- | --- | --- |
| **Processing Metrics** | **Observation:**   * Chronus remained stable, showing no pre-release resource bloat or post-release instability. It handled significant throughput spikes error-free and **optimized application** performance, leading to lower latency after the release window closed.   **Verdict:** HEALTHY |  |

### 🔹 Application: Atreyu

| **Metric** | **Analysis & Observations** | **Evidence (Timeline Graphs)** |
| --- | --- | --- |
| **API Performance** | **Observation:**  **DATA NOT AVAILABLE**  **Verdict:** [Healthy/Issue] | **Data Not available** |

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

*Direct comparison of critical endpoints. Use the "Average" metric for the window.*

| **Application** | **Transaction Name** | **Pre-Release (Baseline)** | **Post-Release (Actual)** | **Delta** | **Status** |
| --- | --- | --- | --- | --- | --- |
| **Boule** | V1:JurisdictionsController#stats  WidgetsController#show | 175 ms  150 ms | 175 ms  145 ms | – | 🟢 |
| **Swagit** | Video#Flatten | 286K ms | 256K ms | - | 🟢 |
| **Chronus** | ActivityController#create | 148ms | 145ms | - | 🟢 |

## 5. Log Patterns & Error Analysis

*Review of Elastic "Patterns" tab. Focus on Orange/Yellow clusters.*

**Elastic Search Link:** [INSERT LINK TO KIBANA SAVED SEARCH]

| **Count (Post)** | **Pattern Sample** | **Severity** | **Dev Feedback / Action Required?** |
| --- | --- | --- | --- |
| 56,000+ | The massive spike in archive\_applications job is the most critical change. Boule | ⚠️ Warn | **Is this an expected one-time cleanup script included in the release.?** |
| 10,000 | active\_model\_serializers rendering a Null Object Boule | 🔴 Error | **Why did this double post release** |
|  |  |  |  |

## 6. Risks & Action Items

*Items to be addressed by Dev/Ops teams post-release.*

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