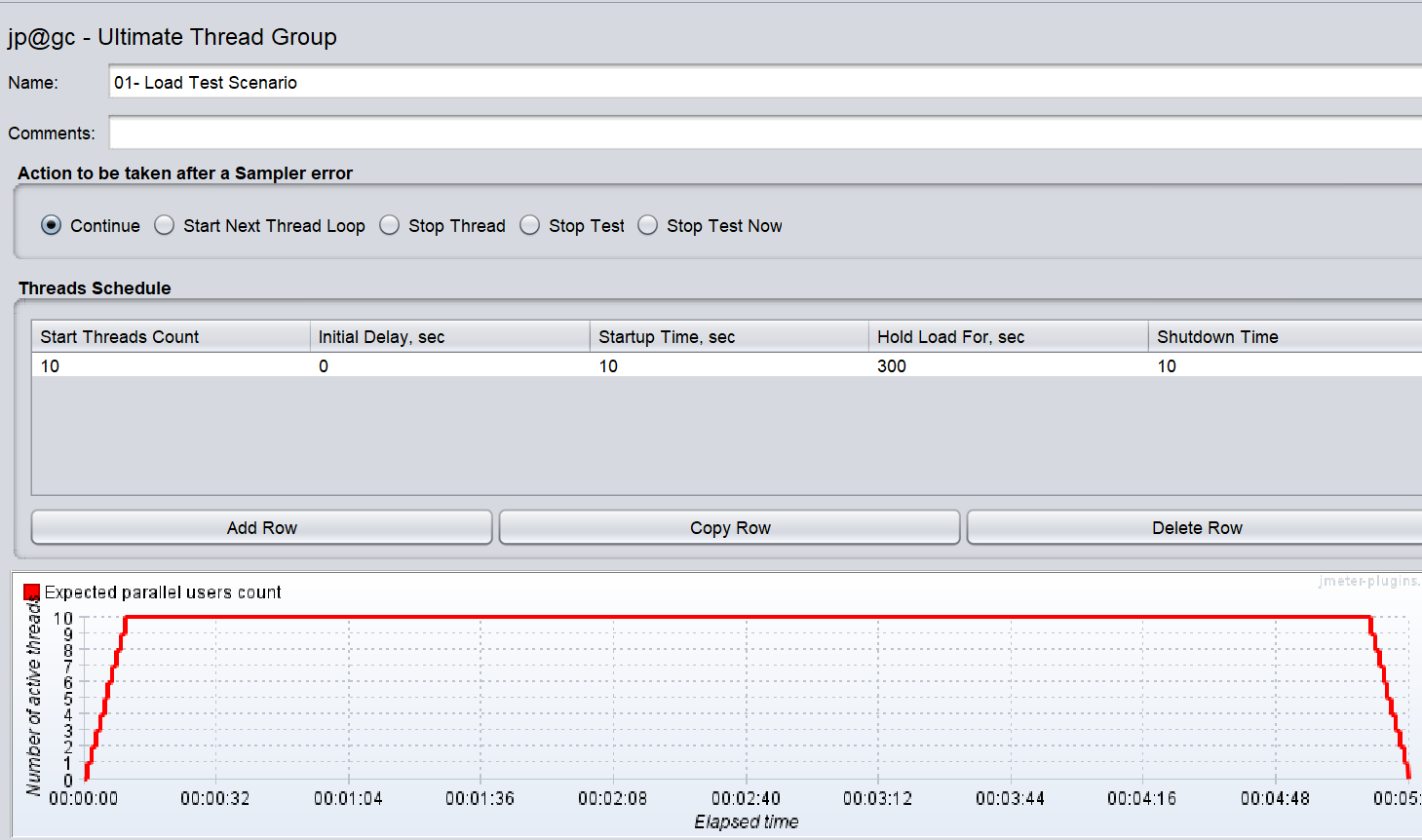
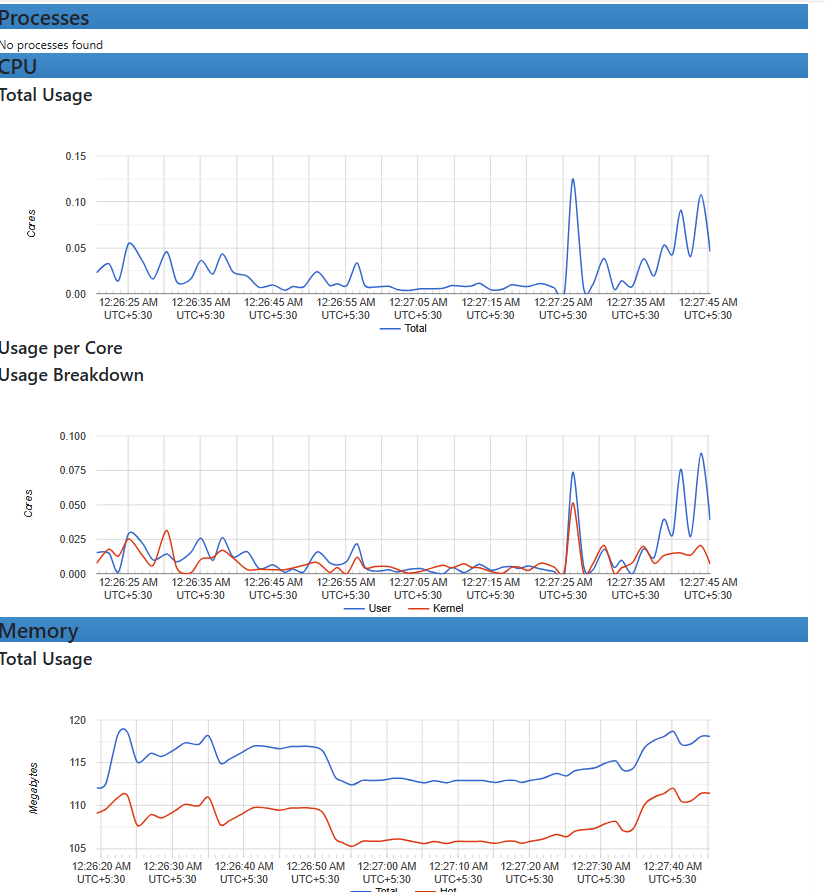
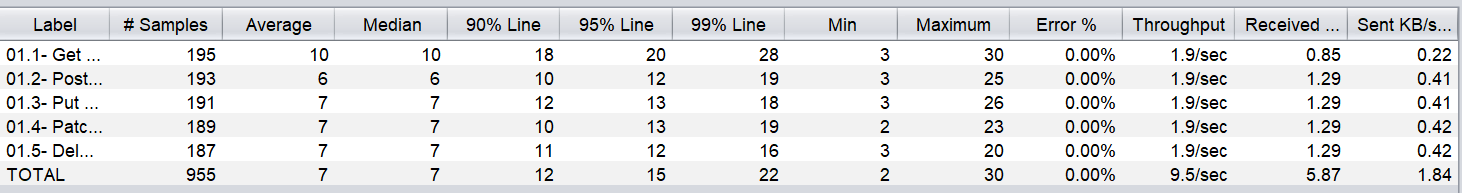
**Load Test 1 -- Warm-up test – 10 users 5 minute duration**



**Before execution Infra Status –**



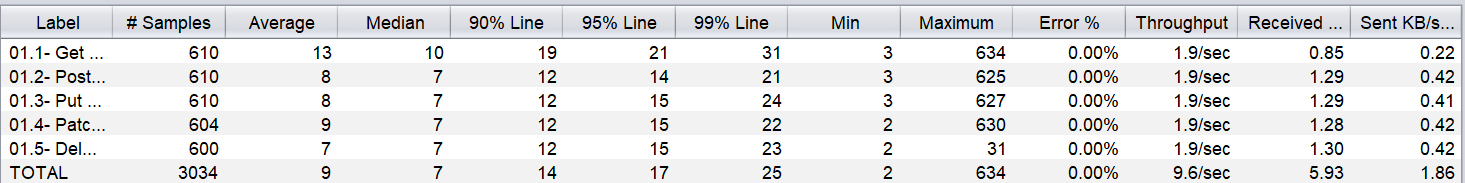
**Verify SLA during test -**



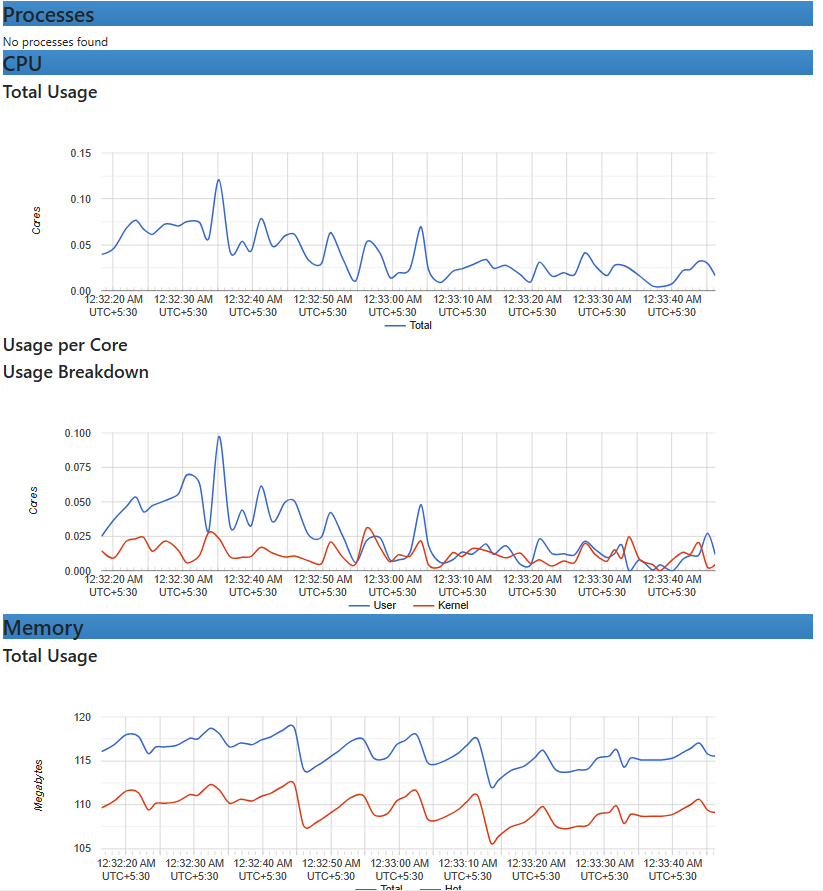
**During test Infra Status–**



**Verify SLA after execution –**



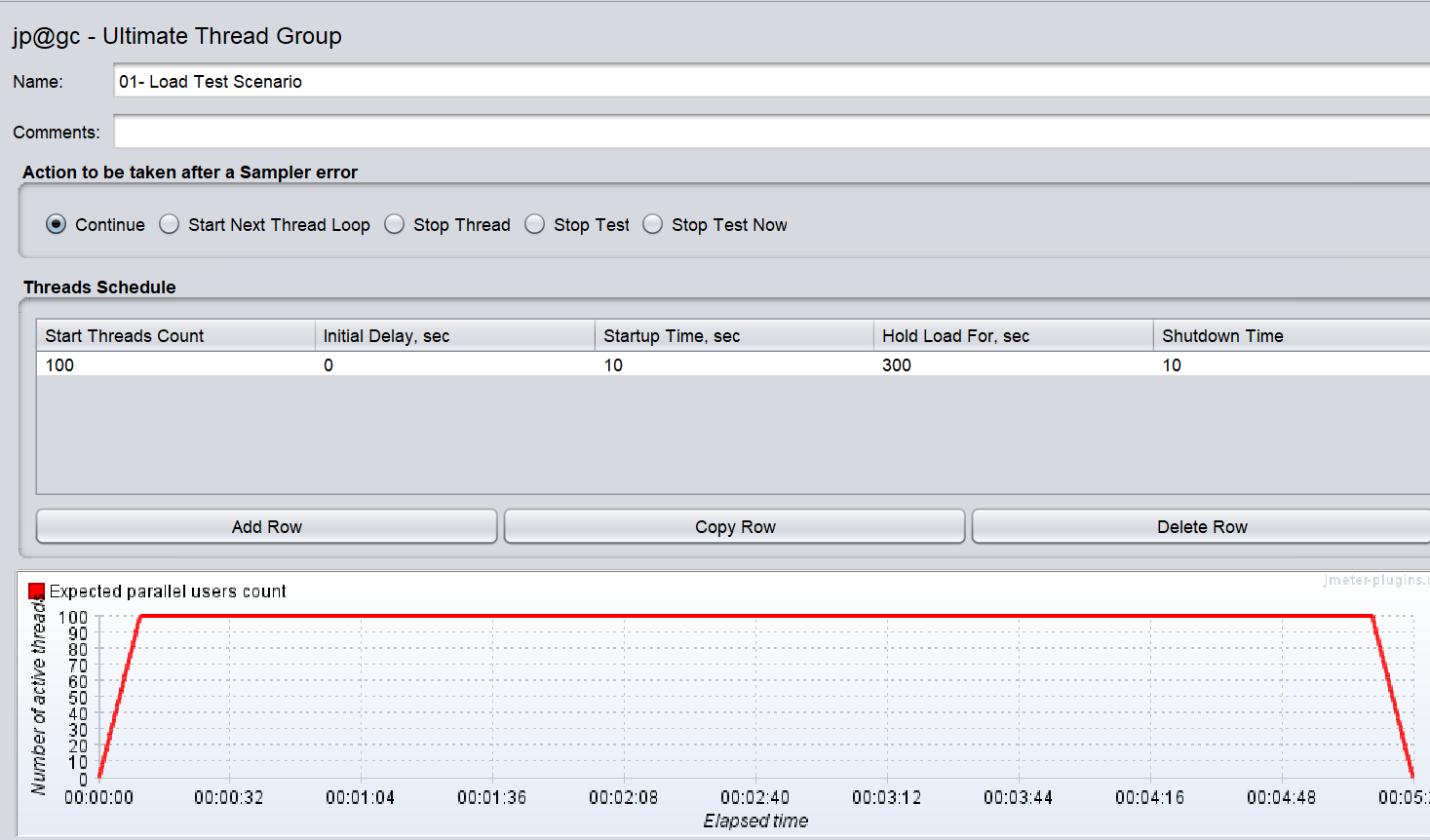
**Verify Infra Status after completing the test**



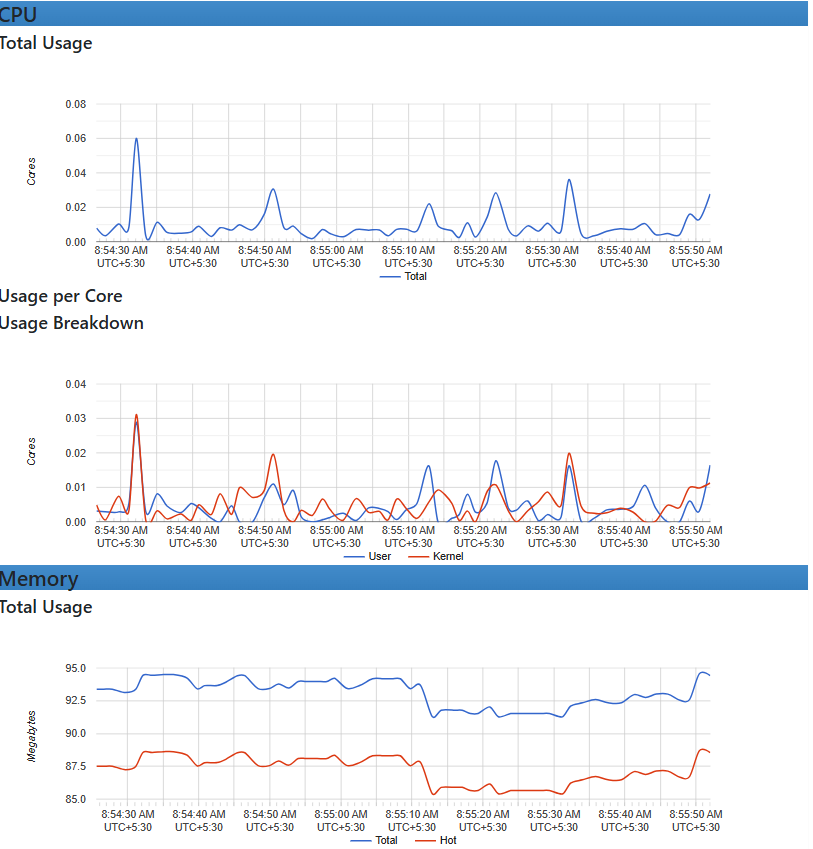
**Summary : There is no breakpoint and SLA was under control.**

**Load Test 2 -- Warm-up test – 100 users 5 minute duration**

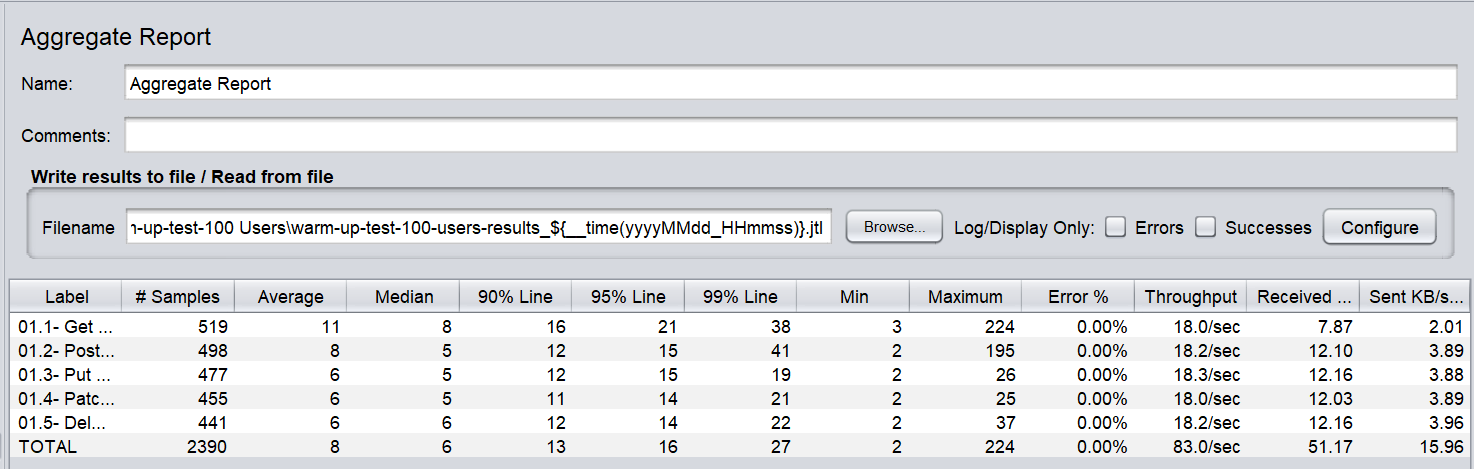
**Configuration –**



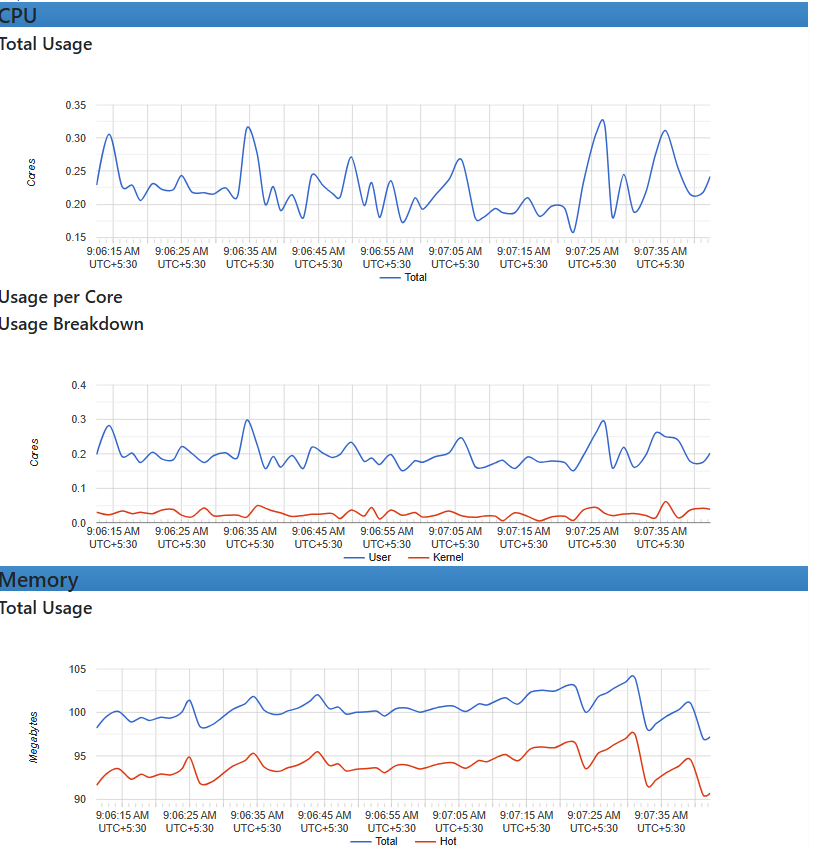
**Before execution Infra Status –**



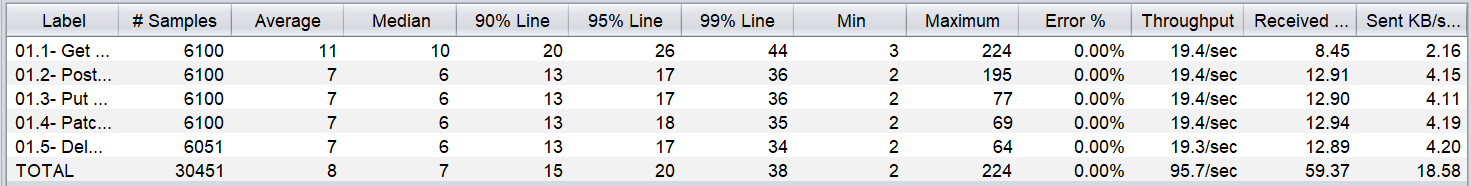
**Verify SLA during test**



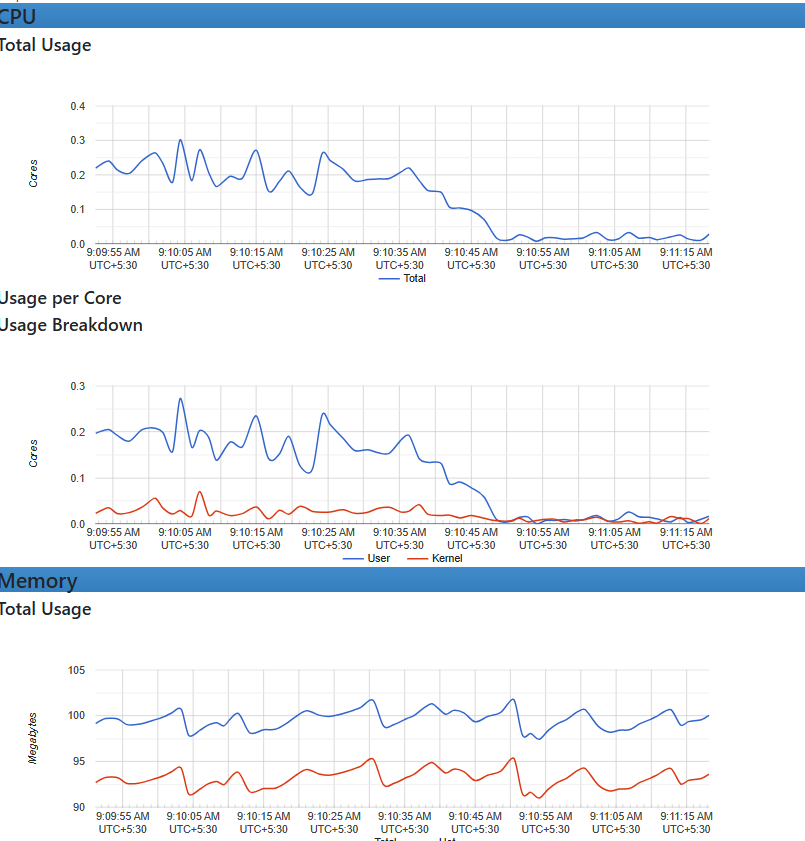
**During test Infra Status–**



**Verify SLA after execution –**



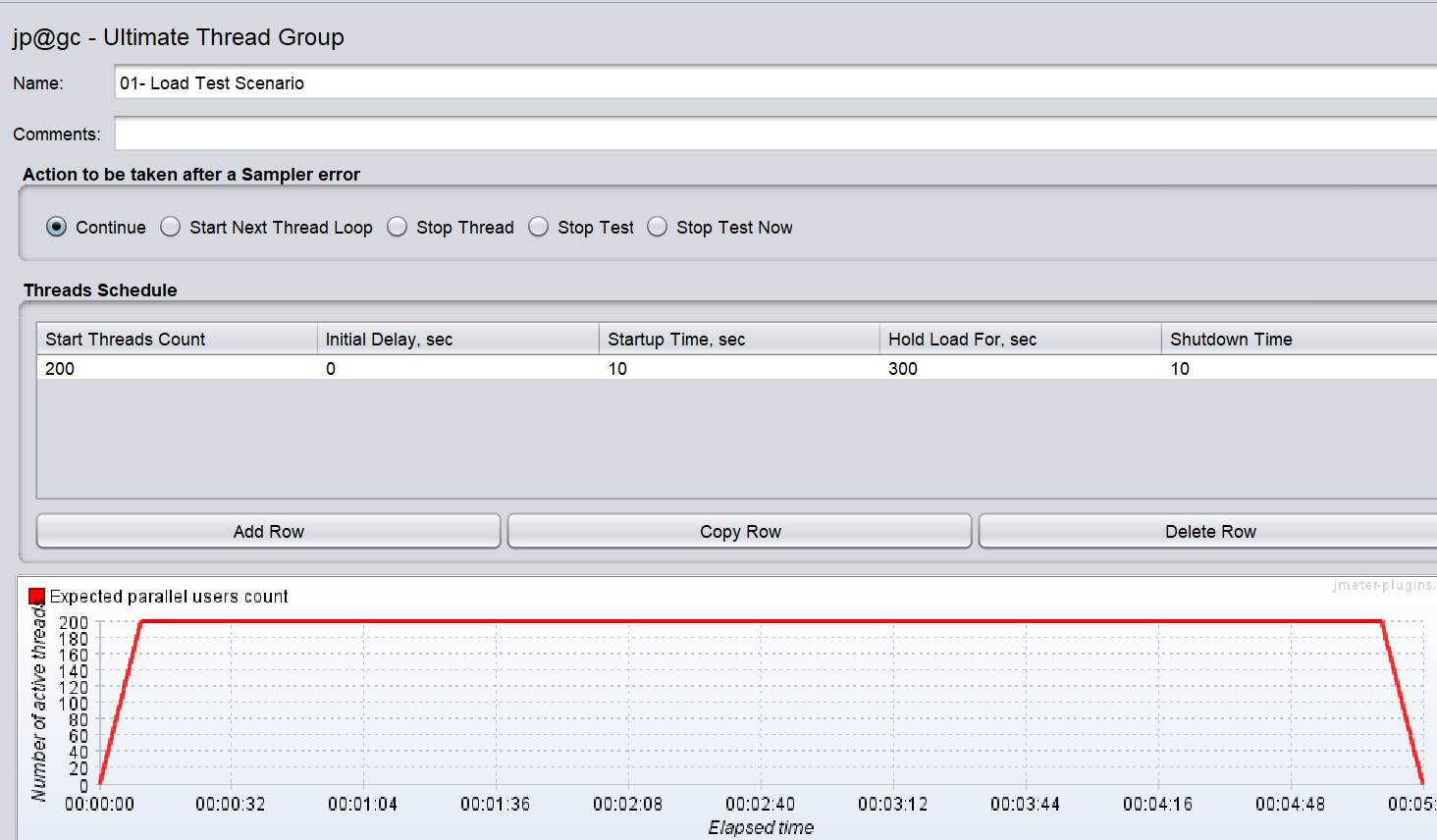
**Verify Infra Status after execution**



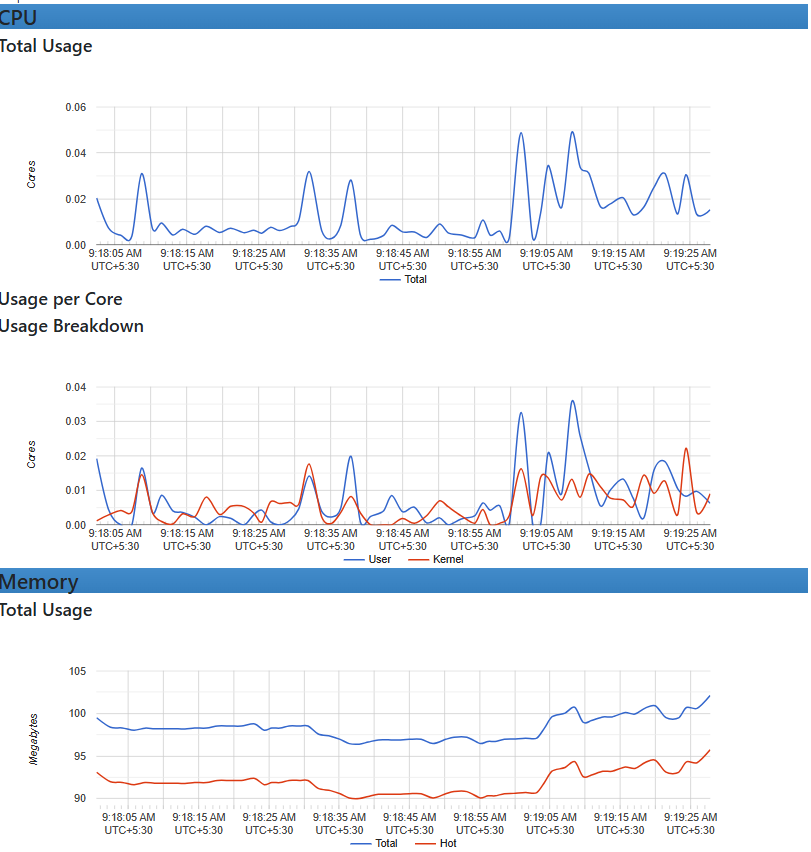
**Summary : There is no breakpoint and SLA was under control.**

**Load Test 3 -- Warm-up test – 200 users 5 minute duration**

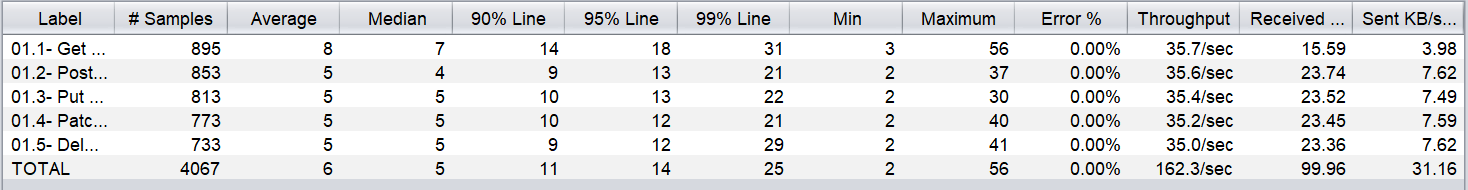
**Configuration –**



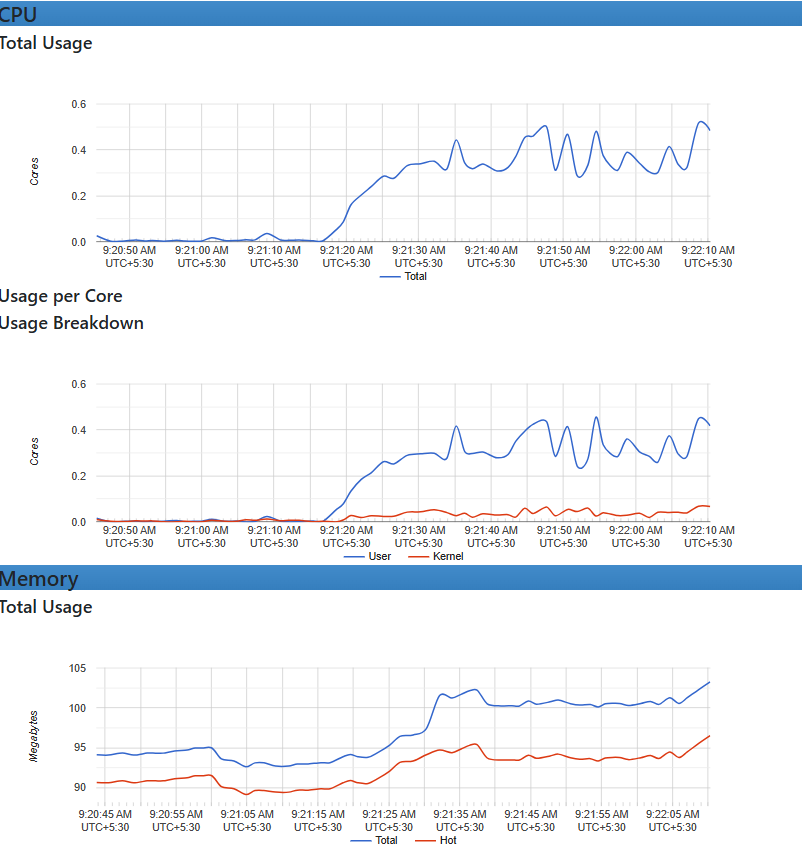
**Before execution Infra Status –**



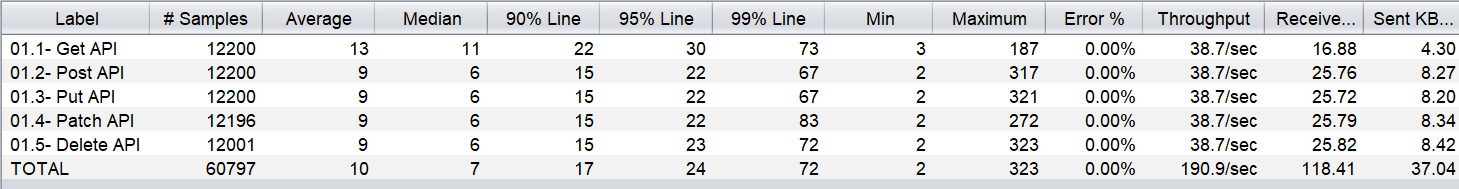
**Verify SLA during test**



**During test Infra Status–**



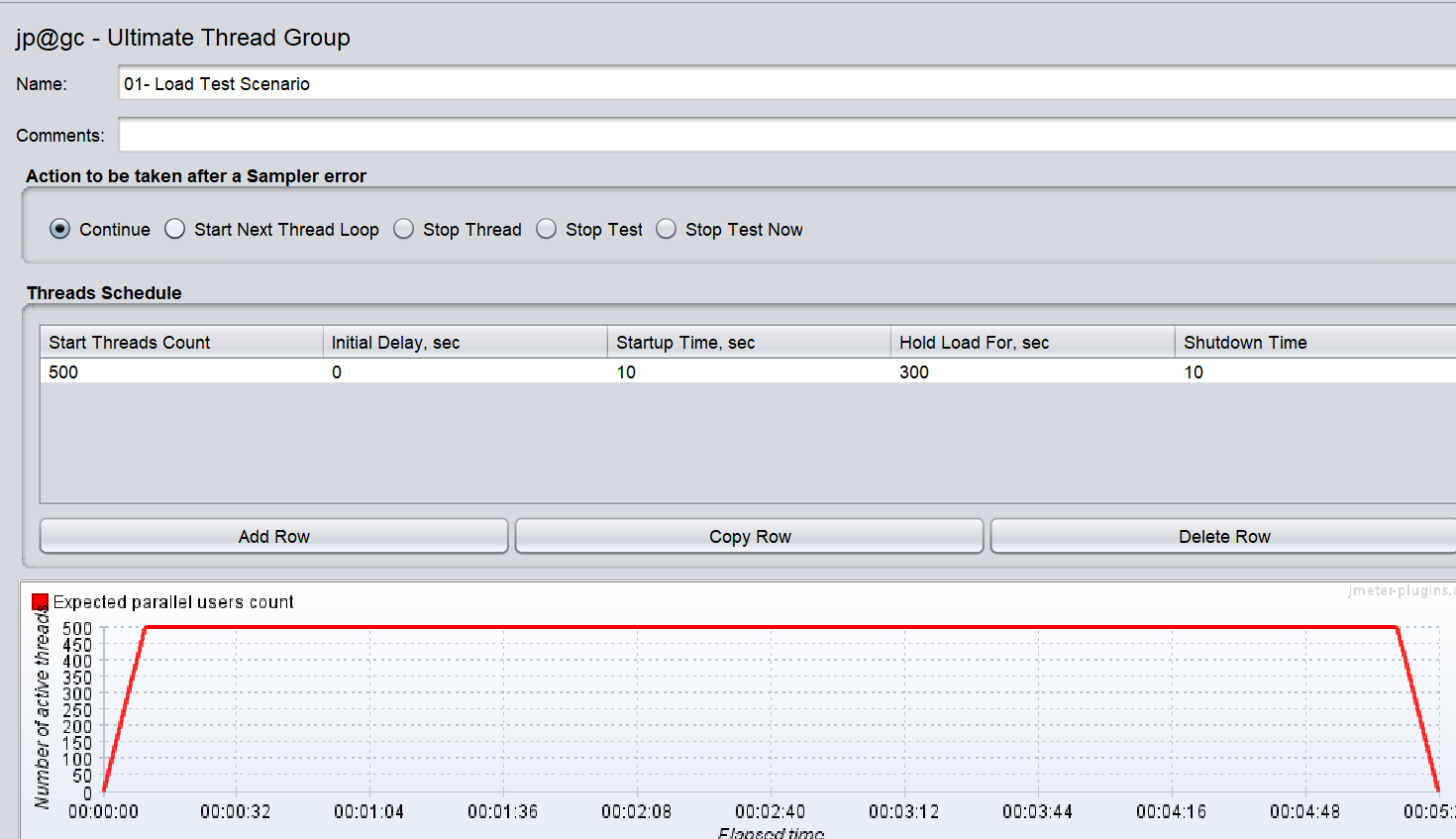
**Verify SLA after execution –**



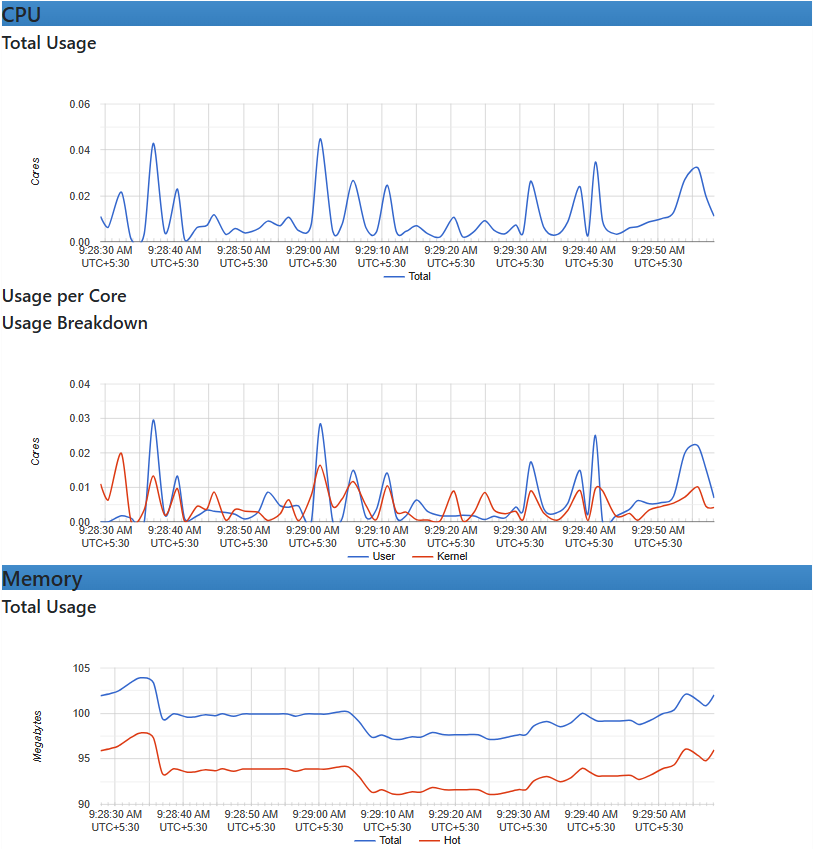
**Summary : There is no breakpoint and SLA was under control**

**Load Test 4 -- Warm-up test – 500 users 5 minute duration**

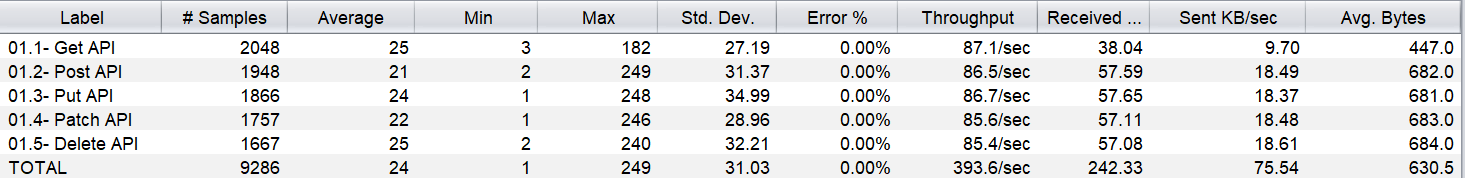
**Configuration –**

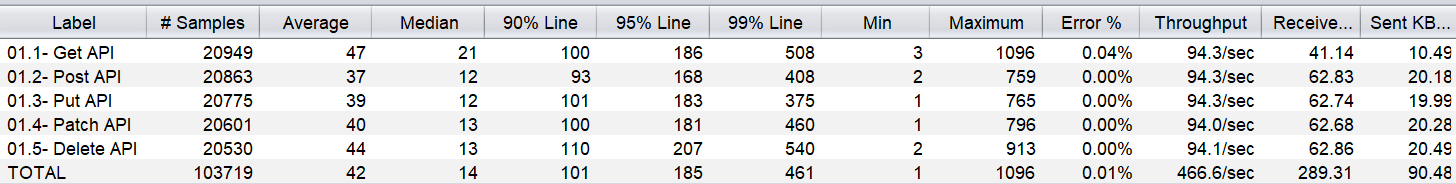


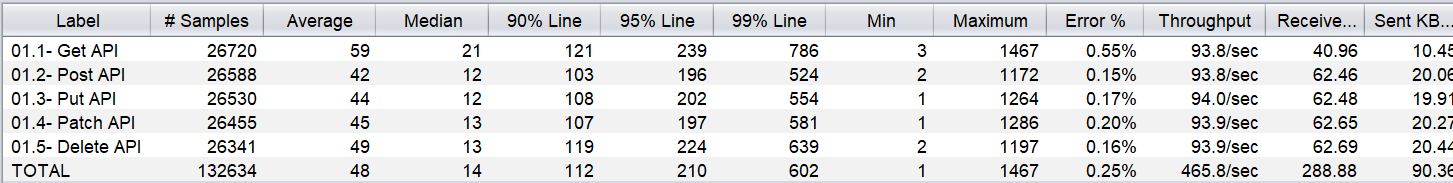
**Before execution Infra Status –**



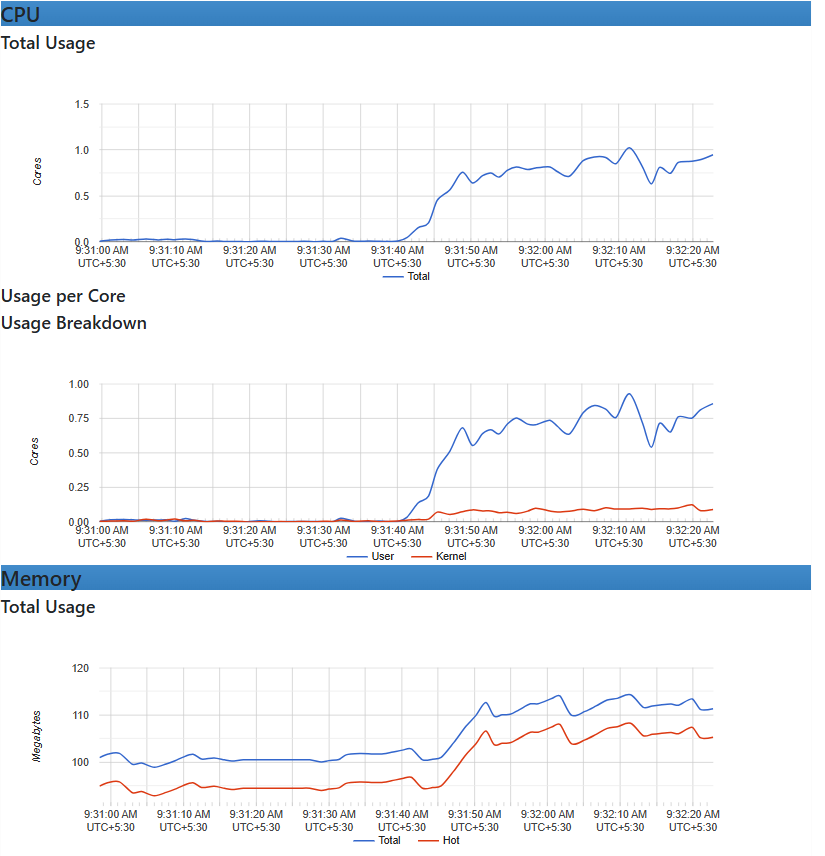
**Verify SLA during test**



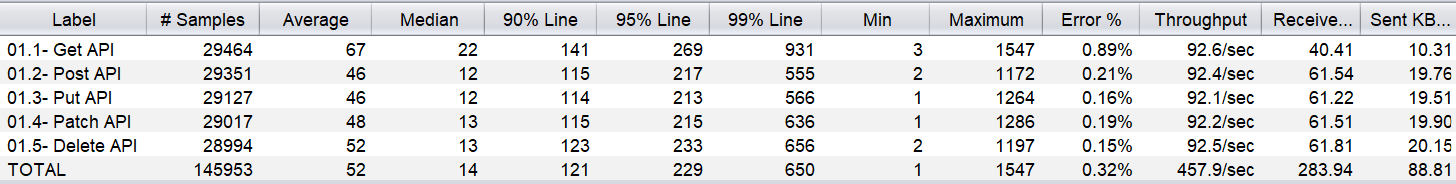




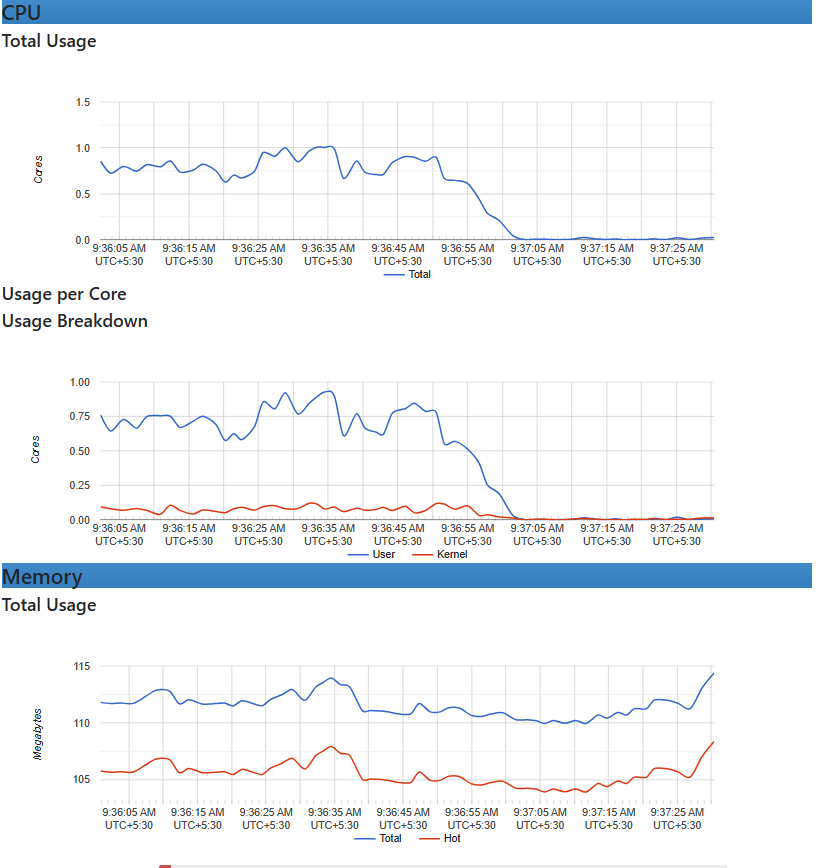
**During test Infra Status–**



**Verify SLA after execution –**



**Verify Infra Status after execution**

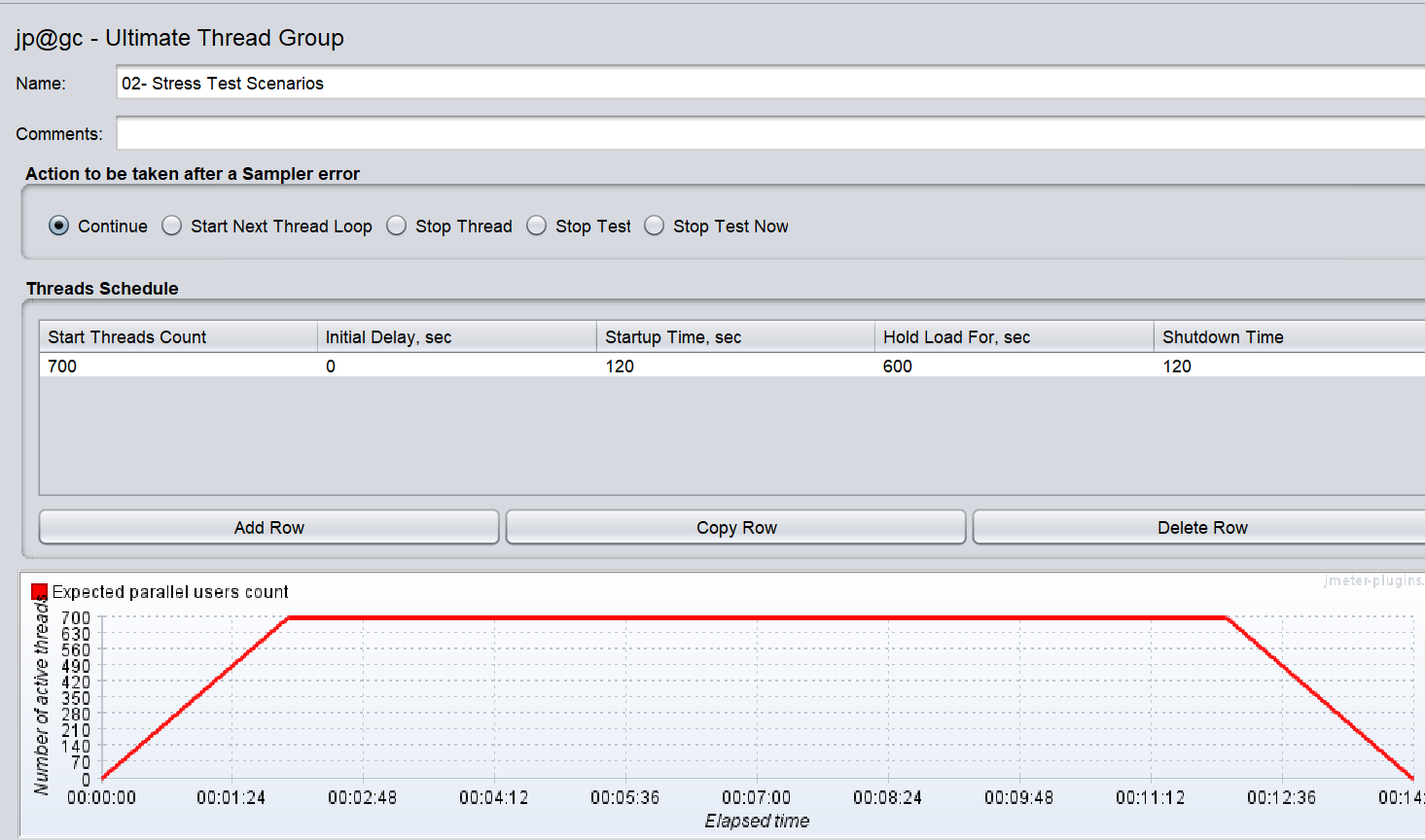


**Summary :**

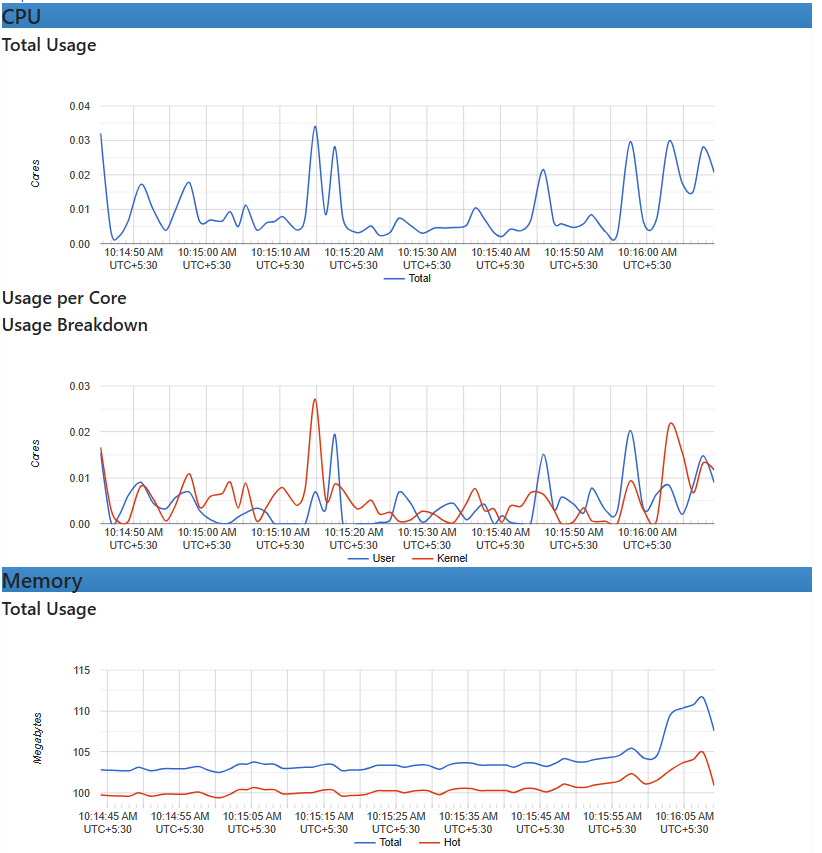
1. **Response time was high and breaching our SLA**
2. **Throughput Rate also increases**
3. **Error Rate also increased.**

**Stress Test -- 700 users 10 minute duration**

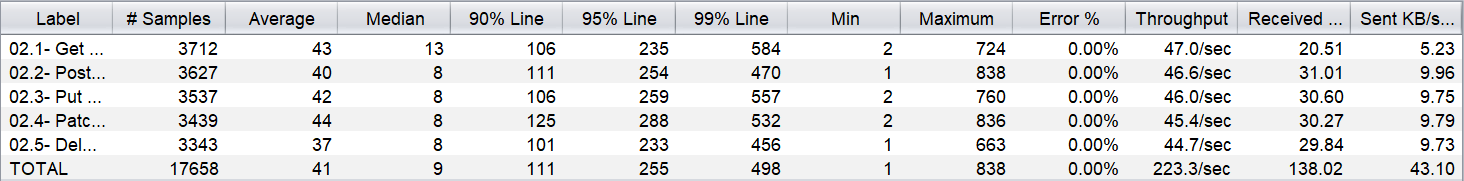
**Configuration –**

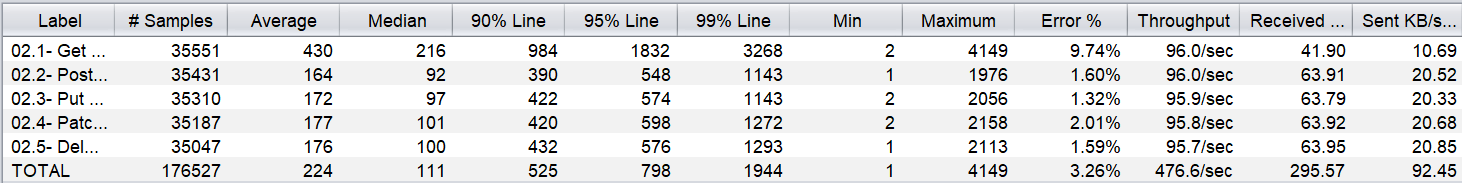


**Before execution Infra Status –**

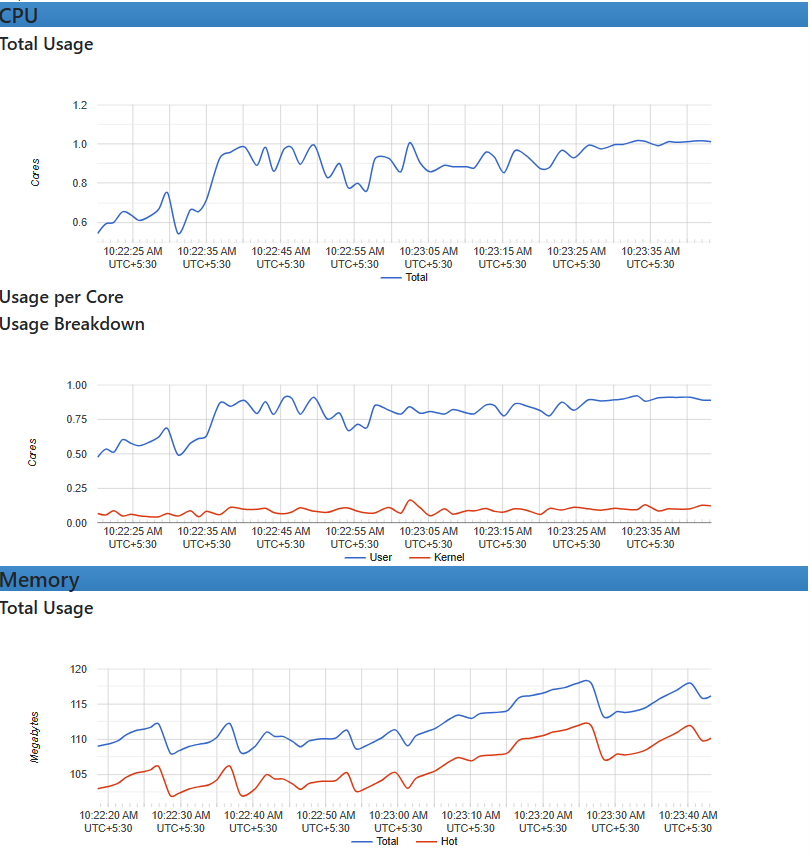


**Verify SLA during test**

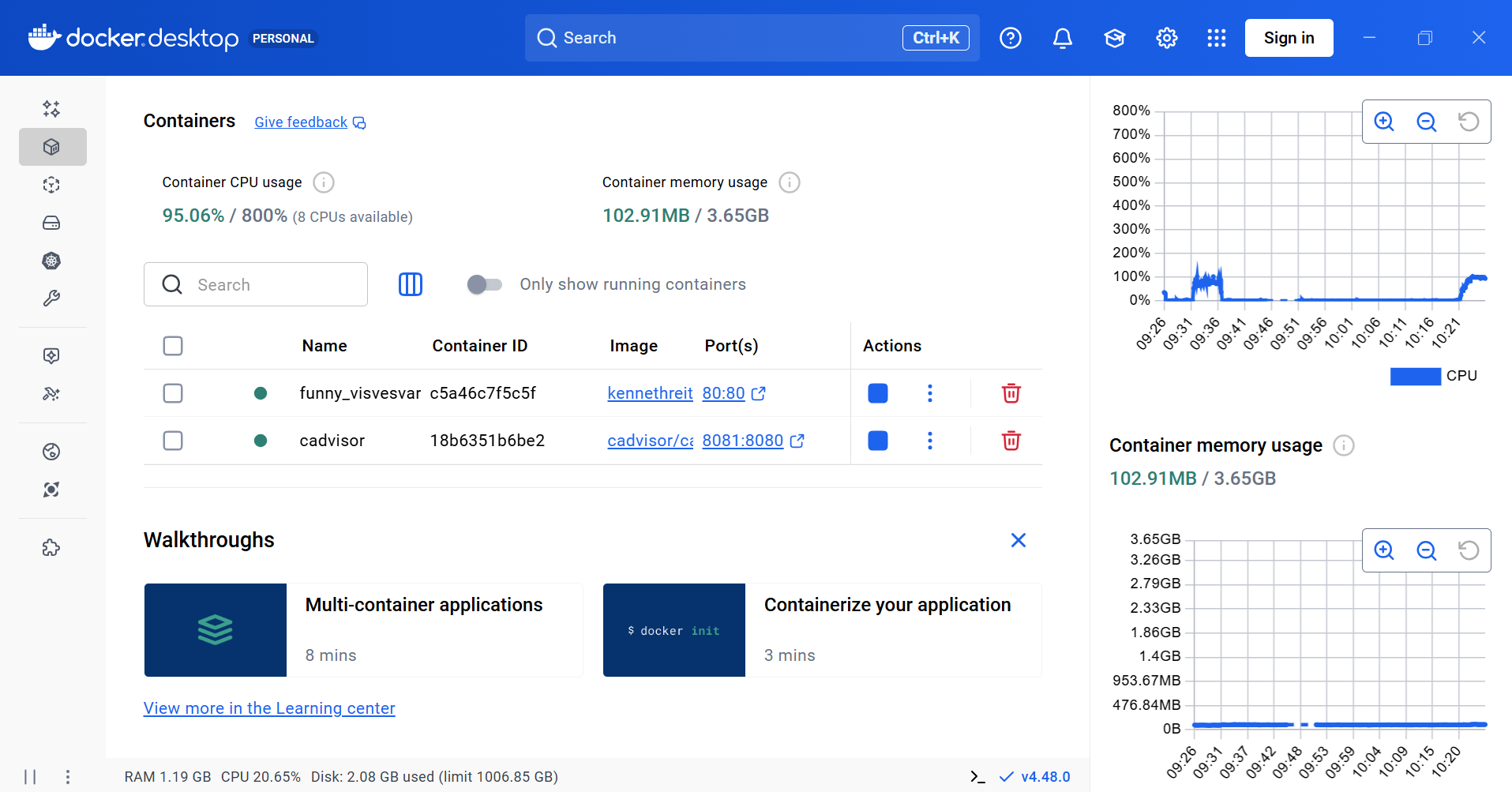




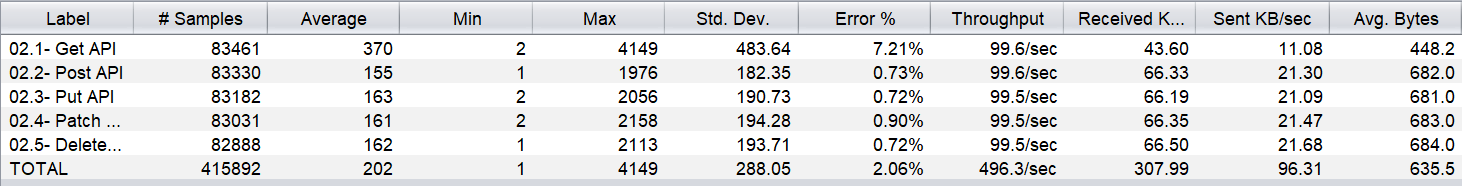
**During test Infra Status–**



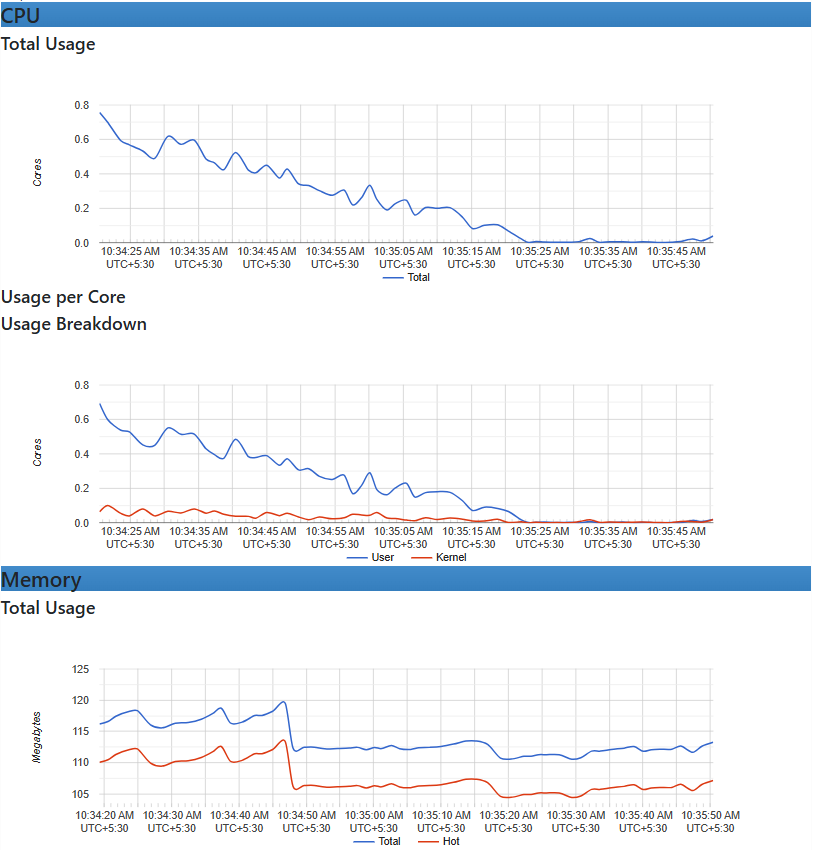
**Container Status**



**Verify SLA after execution –**

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**Verify Infra Status after execution**

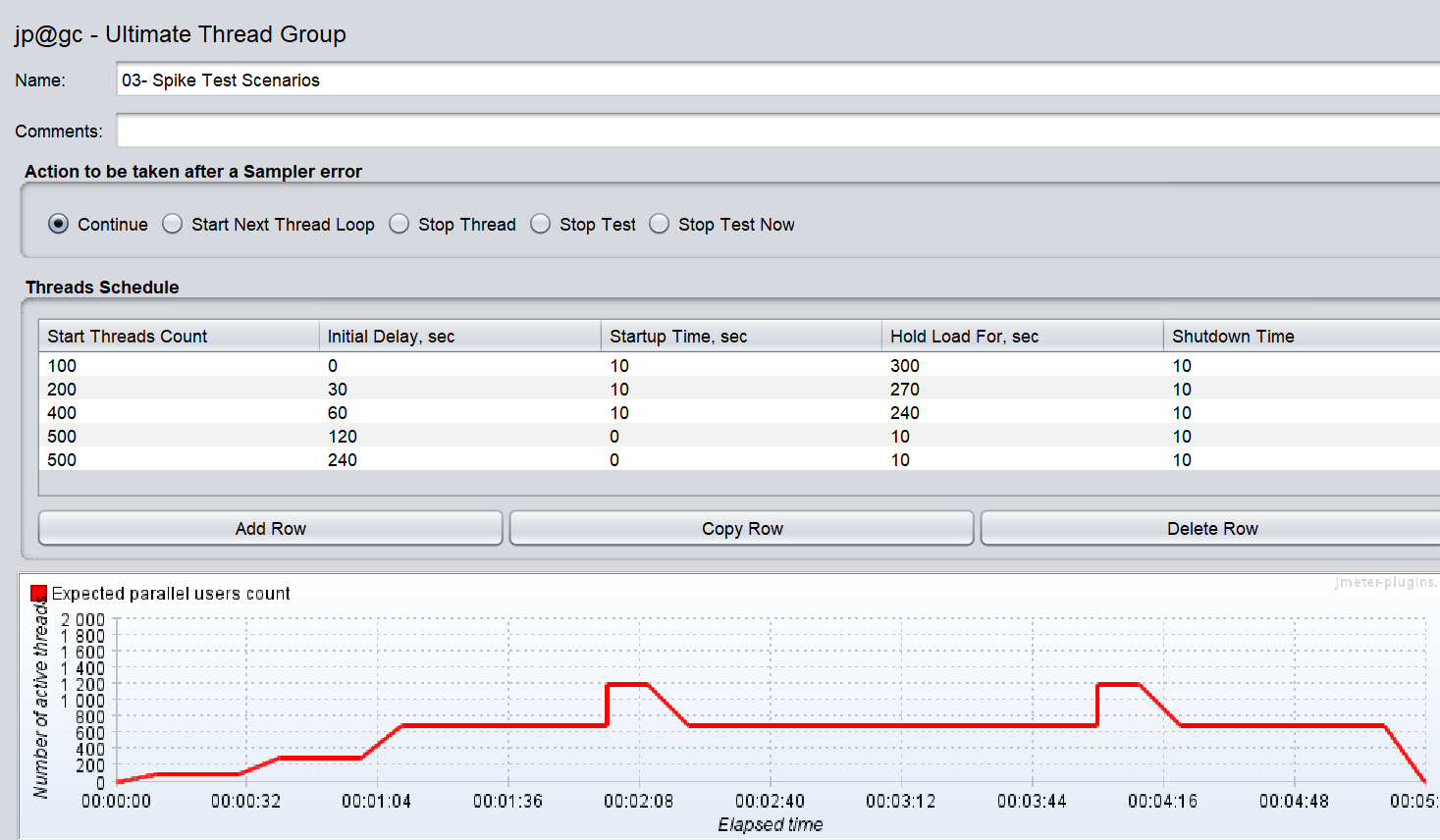


**Summary :**

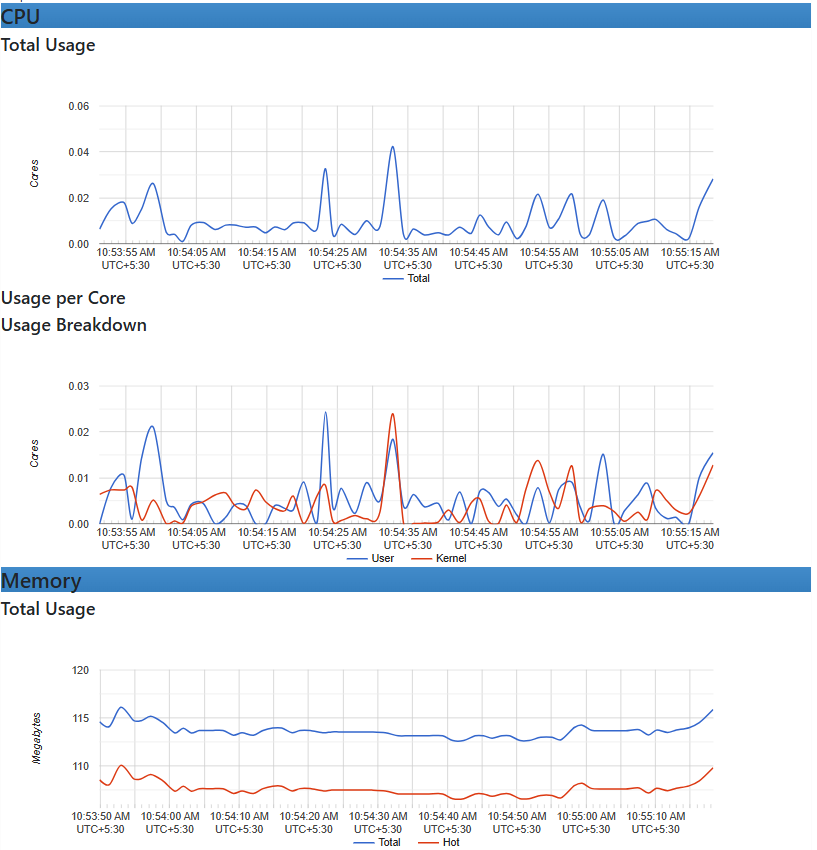
1. **Response time was high and breaching our SLA**
2. **Throughput Rate also increases**
3. **Error Rate also increased.**

**Spike Test -- 700 users 10 minute duration**

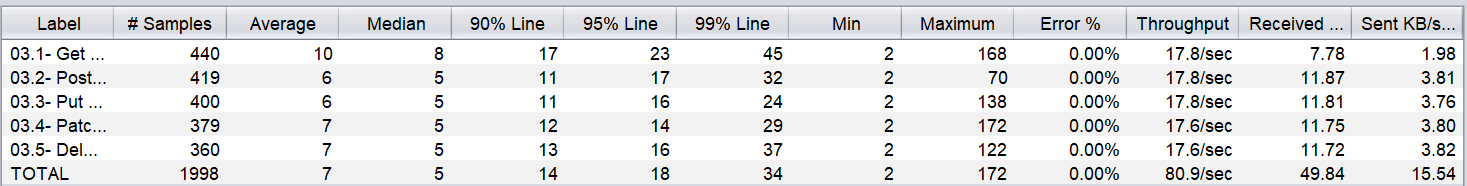
**Configuration –**

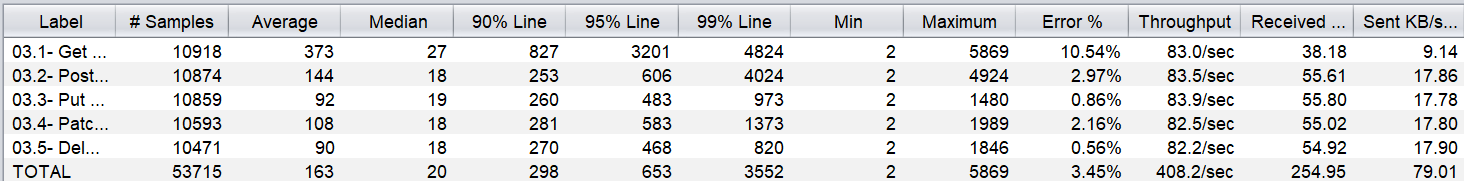


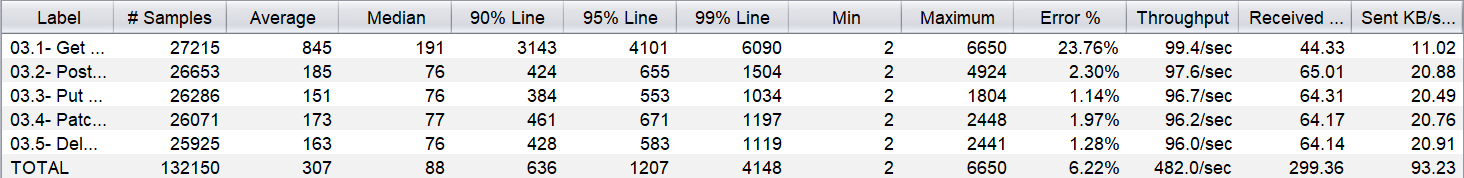
Before execution Infra Status –



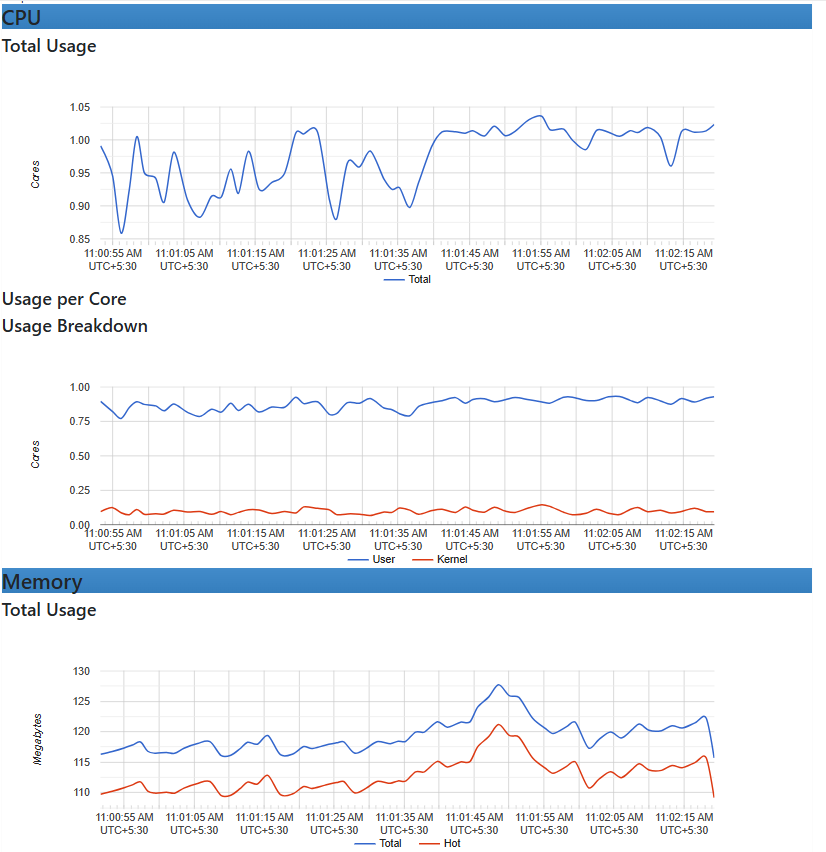
**Verify SLA during test**



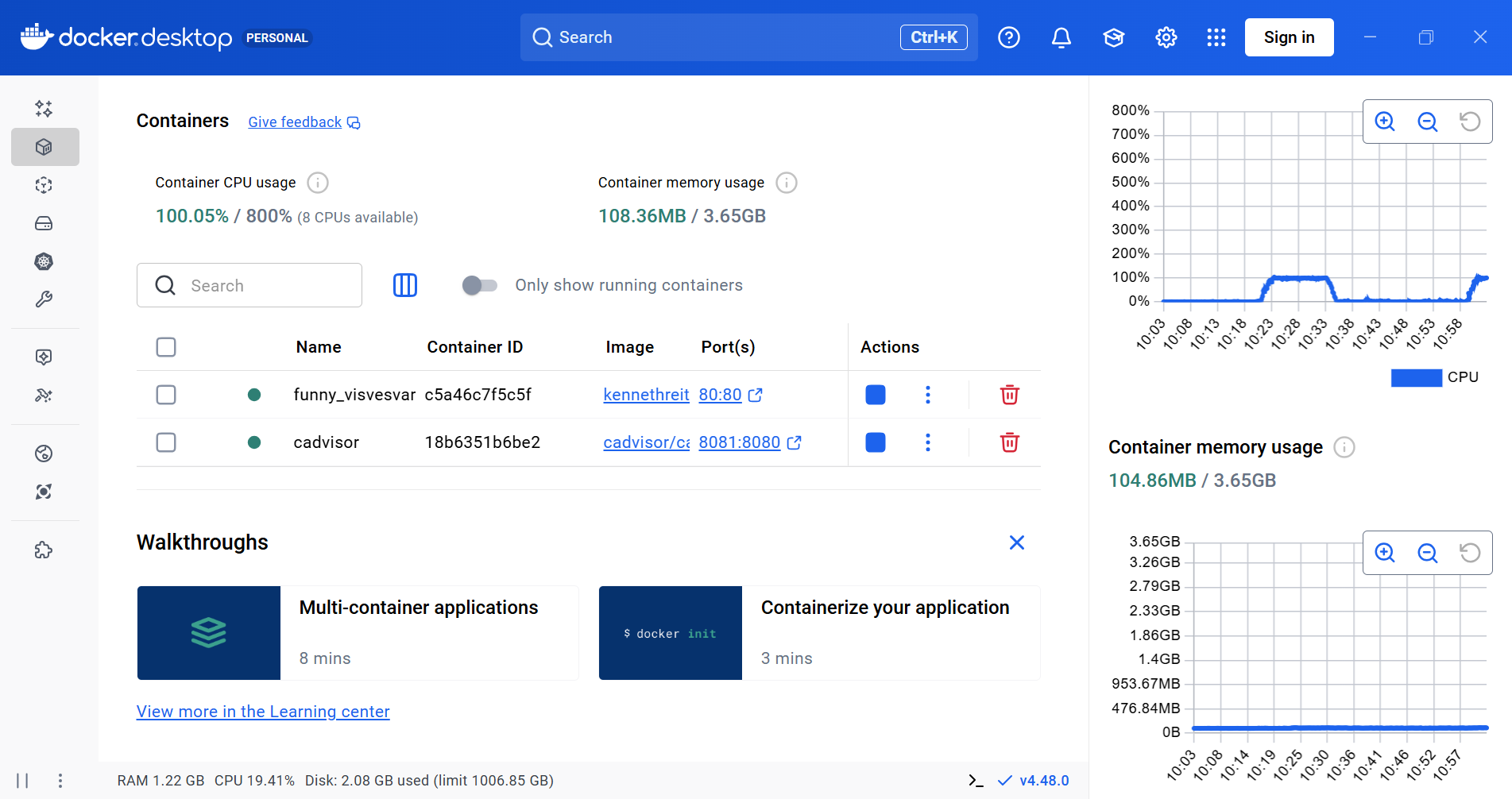




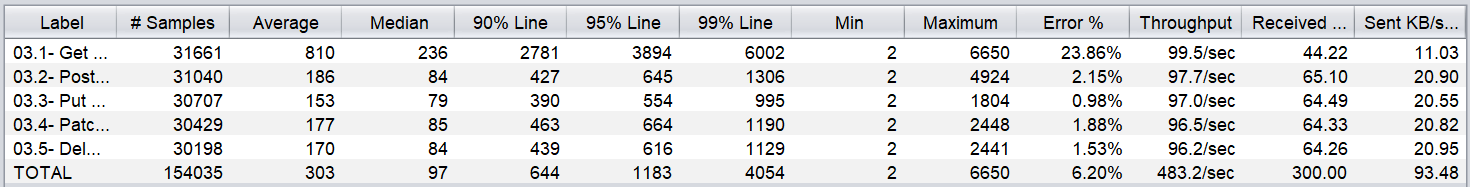
**During test Infra Status–**



**Container Status**



**Verify SLA after execution –**

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**Verify Infra Status after execution**



**Summary :**

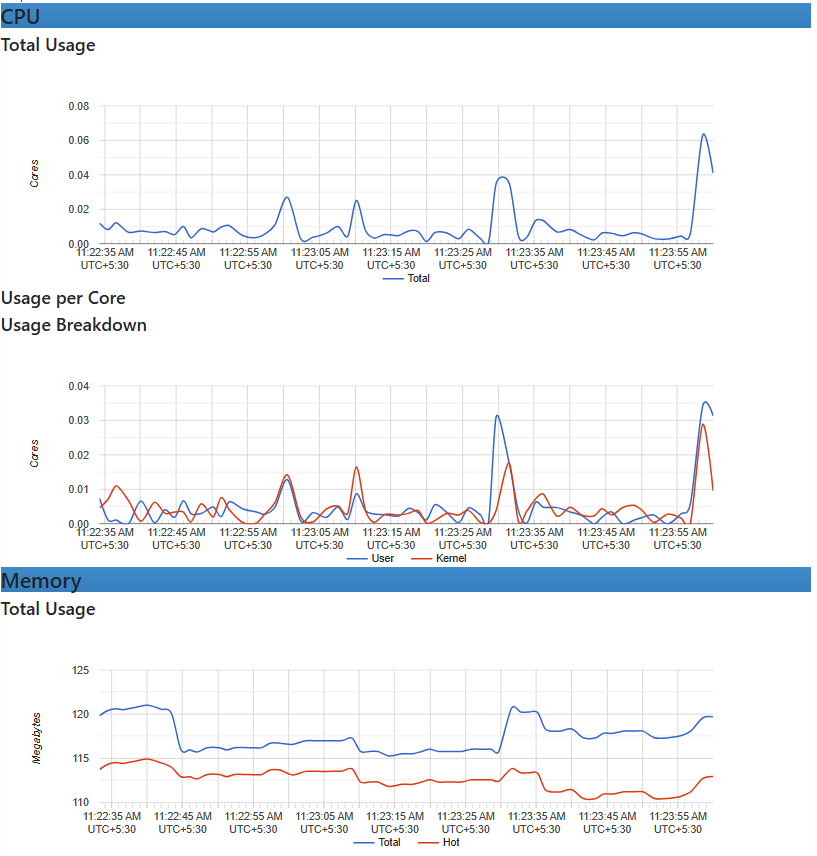
1. **Response time was high and breaching our SLA**
2. **Throughput Rate also increases**
3. **Error Rate also increased.**

**Endurance Test -- 200 users 1 Hours duration**

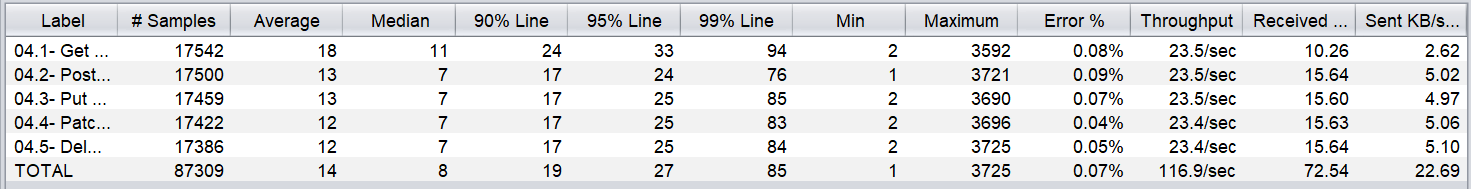
**Configuration –**

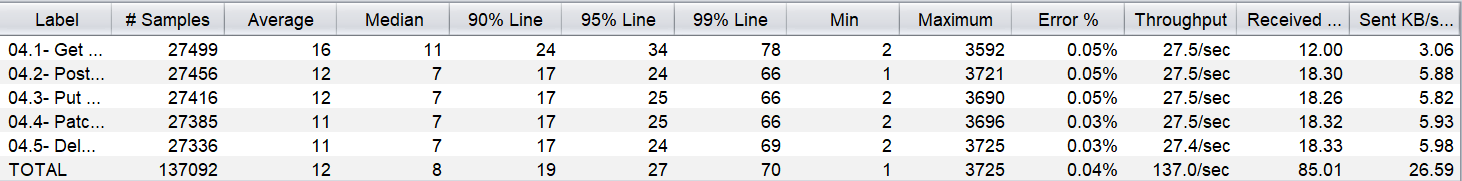


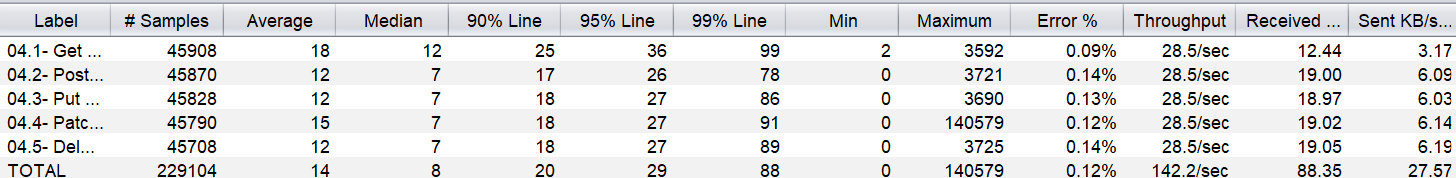
**Before execution Infra Status –**



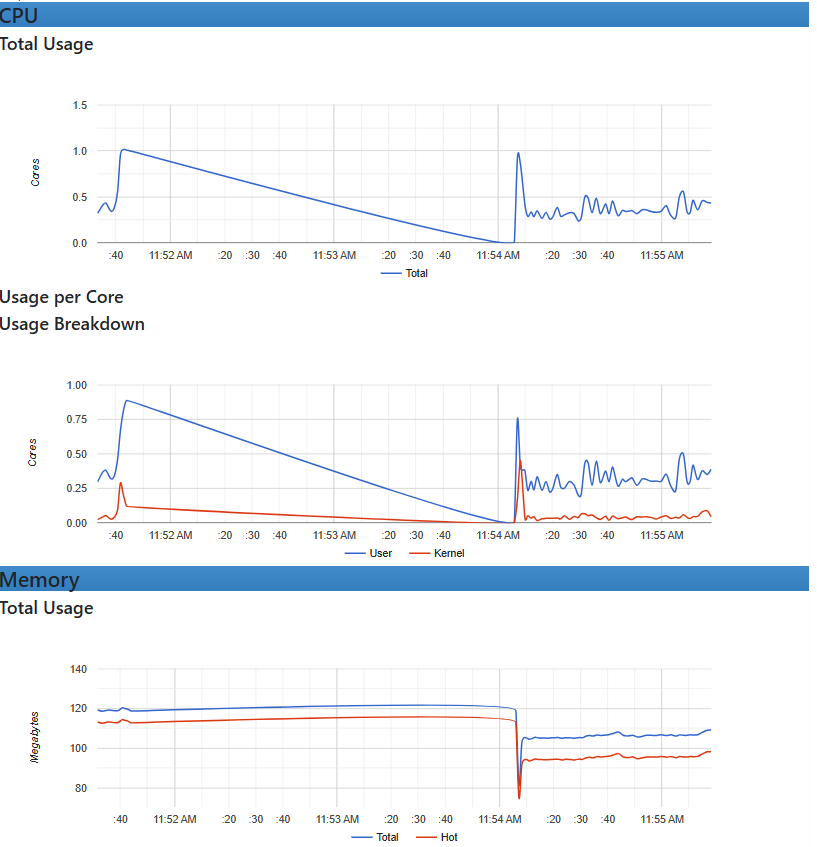
**Verify SLA during test**







**During test Infra Status–**

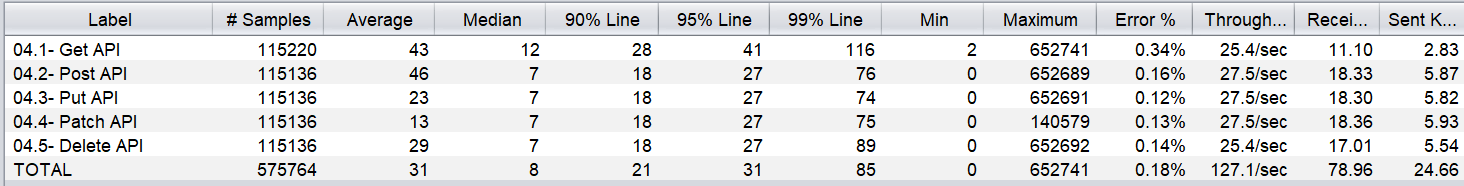




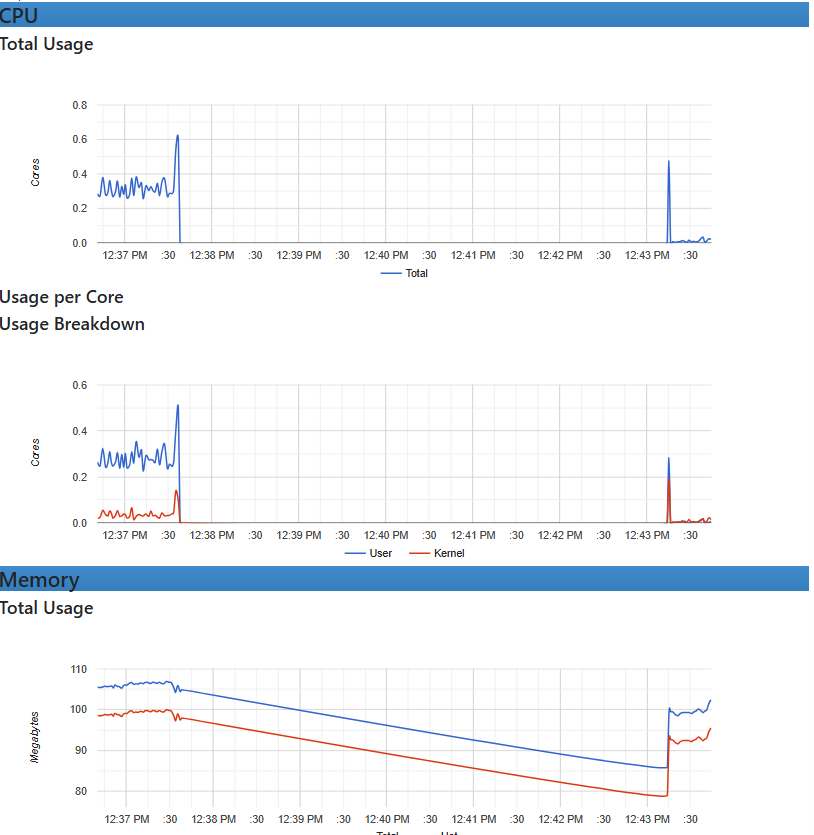
**Container Status**



**Verify SLA after execution –**

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**Verify Infra Status after execution**



**Summary :**

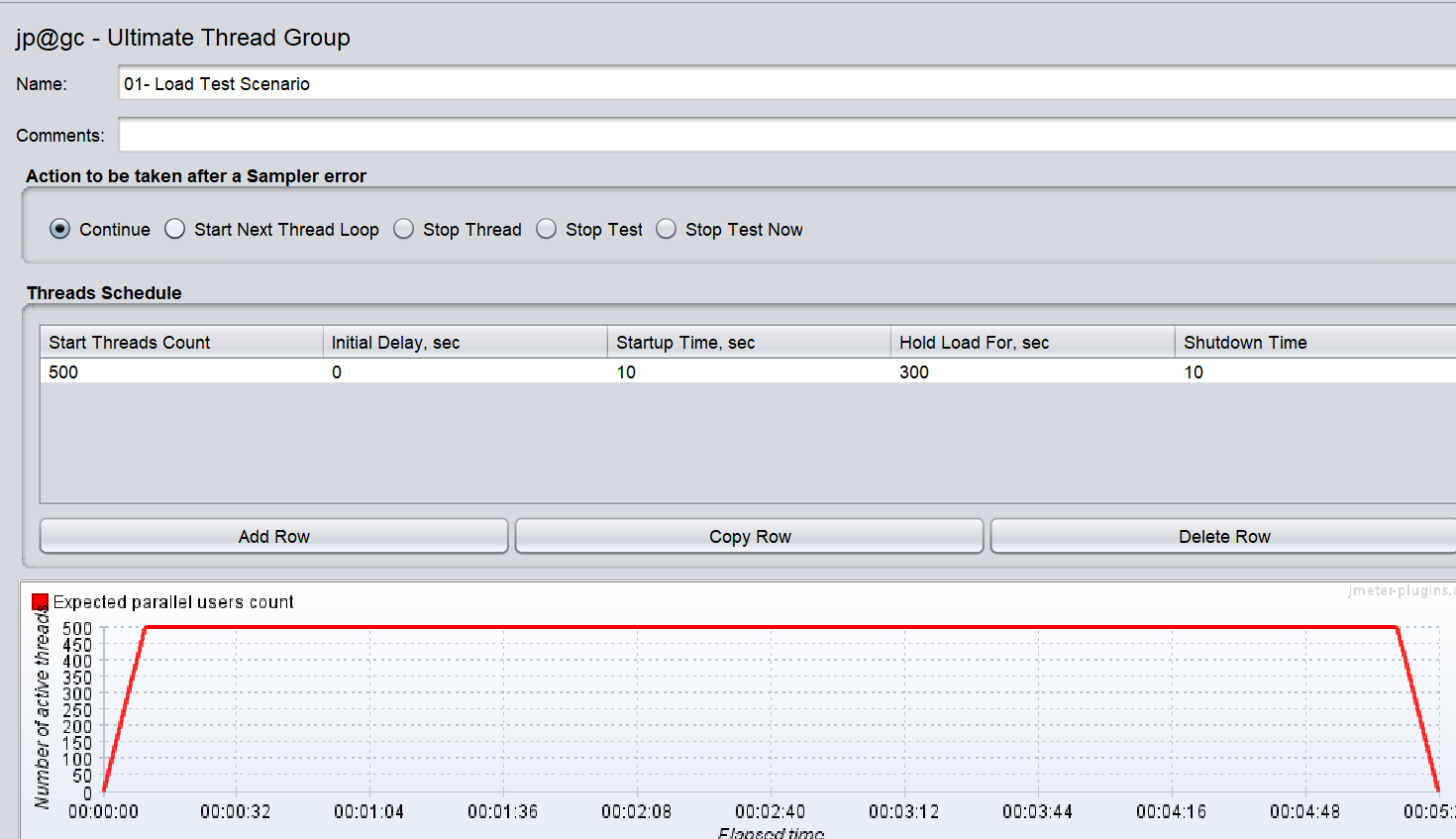
1. **Response time was high and breaching our SLA**
2. **Throughput Rate also increases**
3. **Error Rate also increased.**

**Test Cycle 2 -**

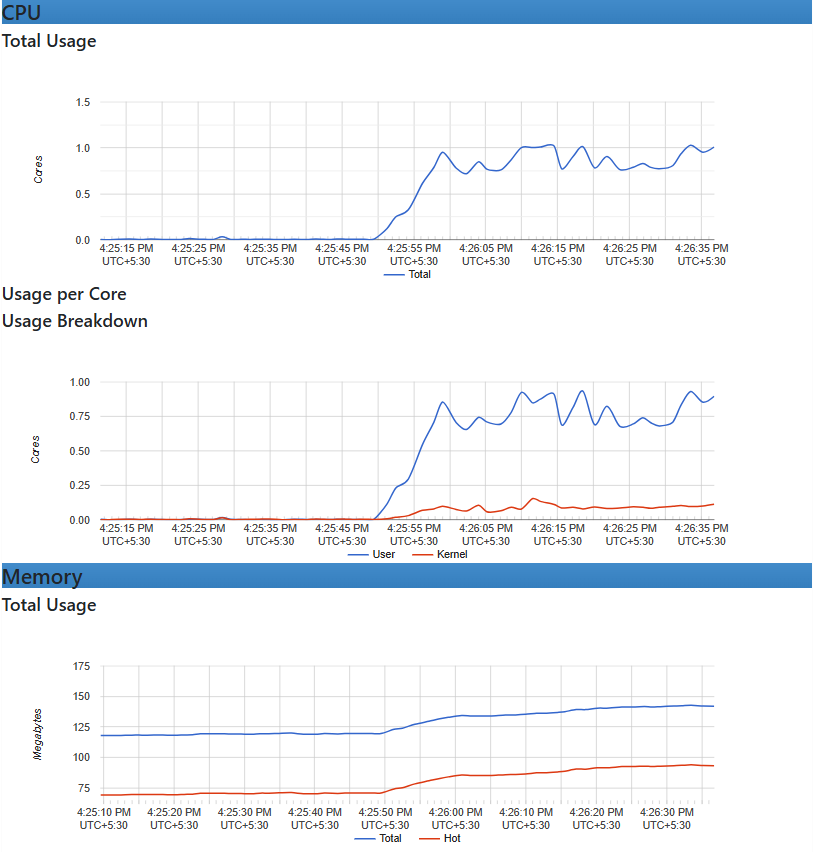
**Modify Resource** : **As Container CPU usage 2.74% / 800% (8 CPUs available) Container memory usage 73.59MB / 5.65GB**

**Load Test 4.1 -- Warm-up test – 500 users 5 minute duration**

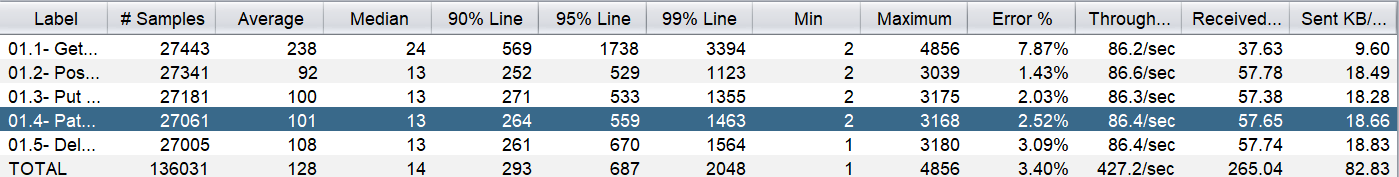
**Configuration –**



**Before execution Infra Status –**



**Verify SLA after execution –**

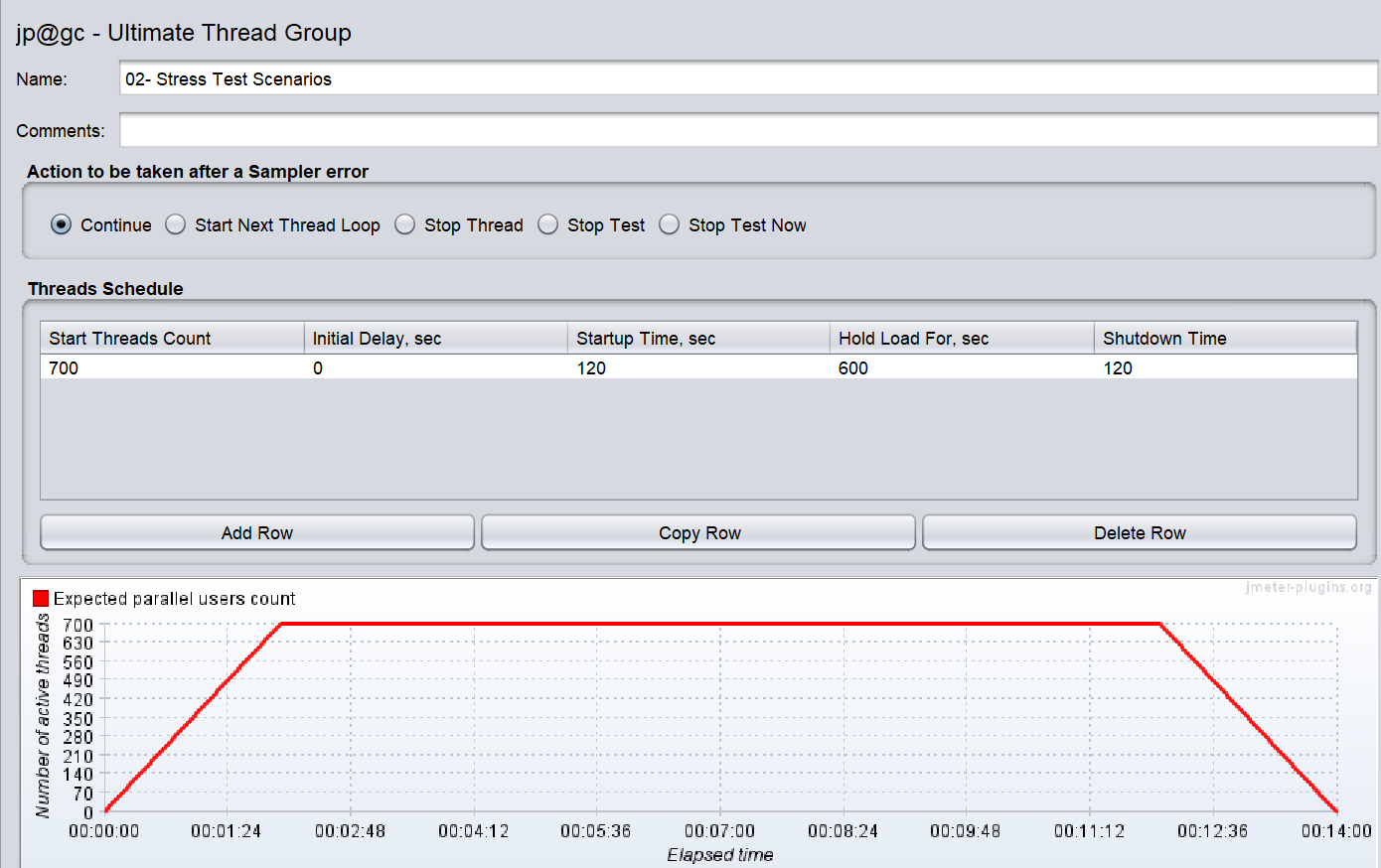


**Summary :**

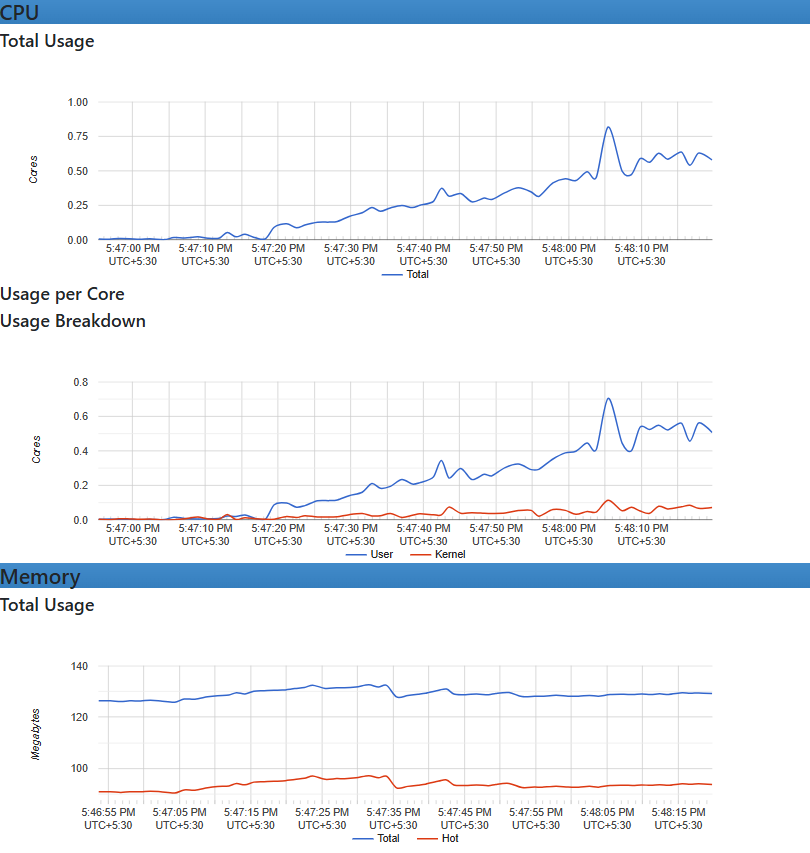
1. **The response time has improved compared to the previous test.**
2. **However, the throughput rate has slightly decreased.**
3. **The error rate has also reduced, indicating better stability and fewer failed requests.**

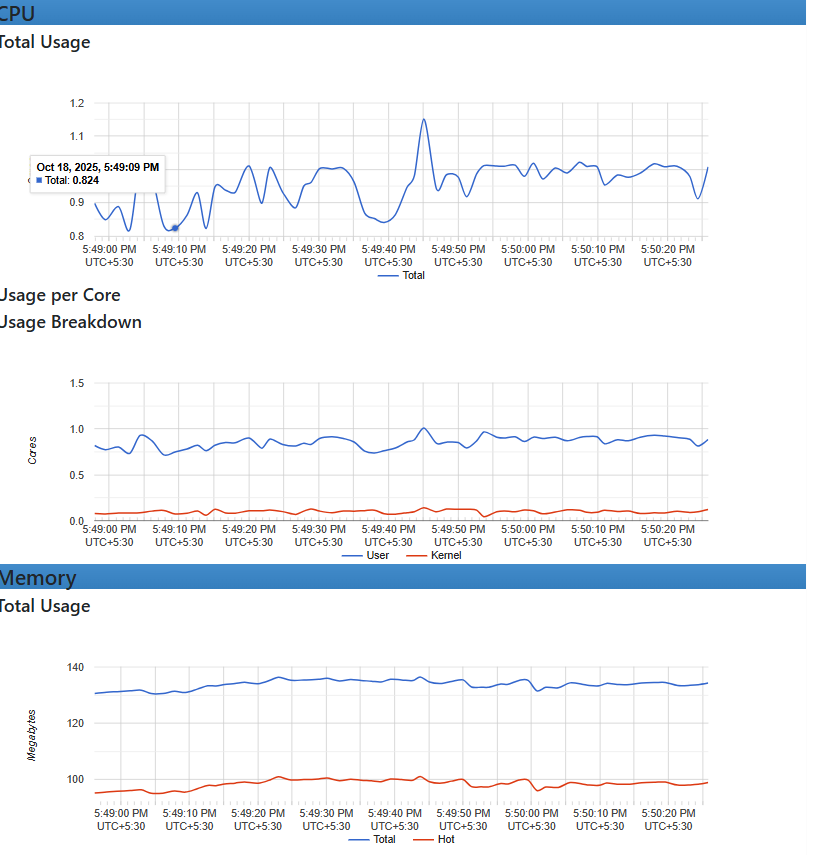
**Stress Test 2.1 -- 700 users 10 minute duration**

**Configuration –**

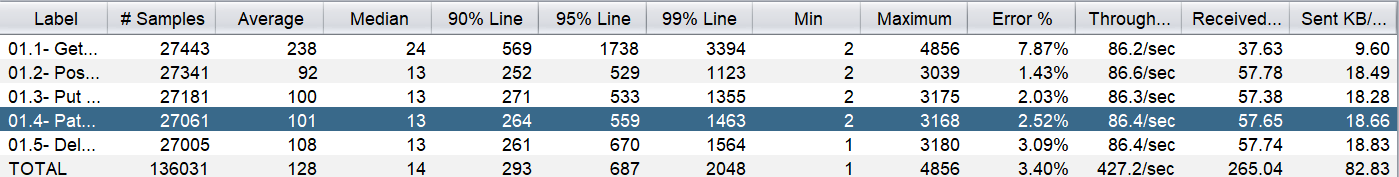


**During execution Infra Status –**

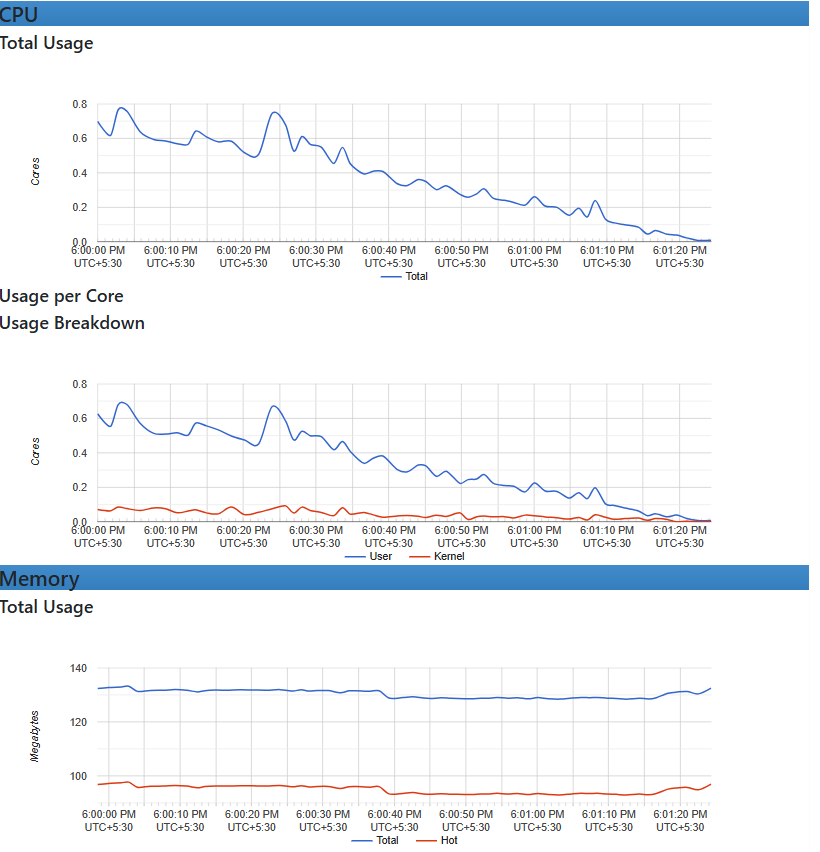




**Verify SLA after execution –**



**Verify Infra Status after execution**

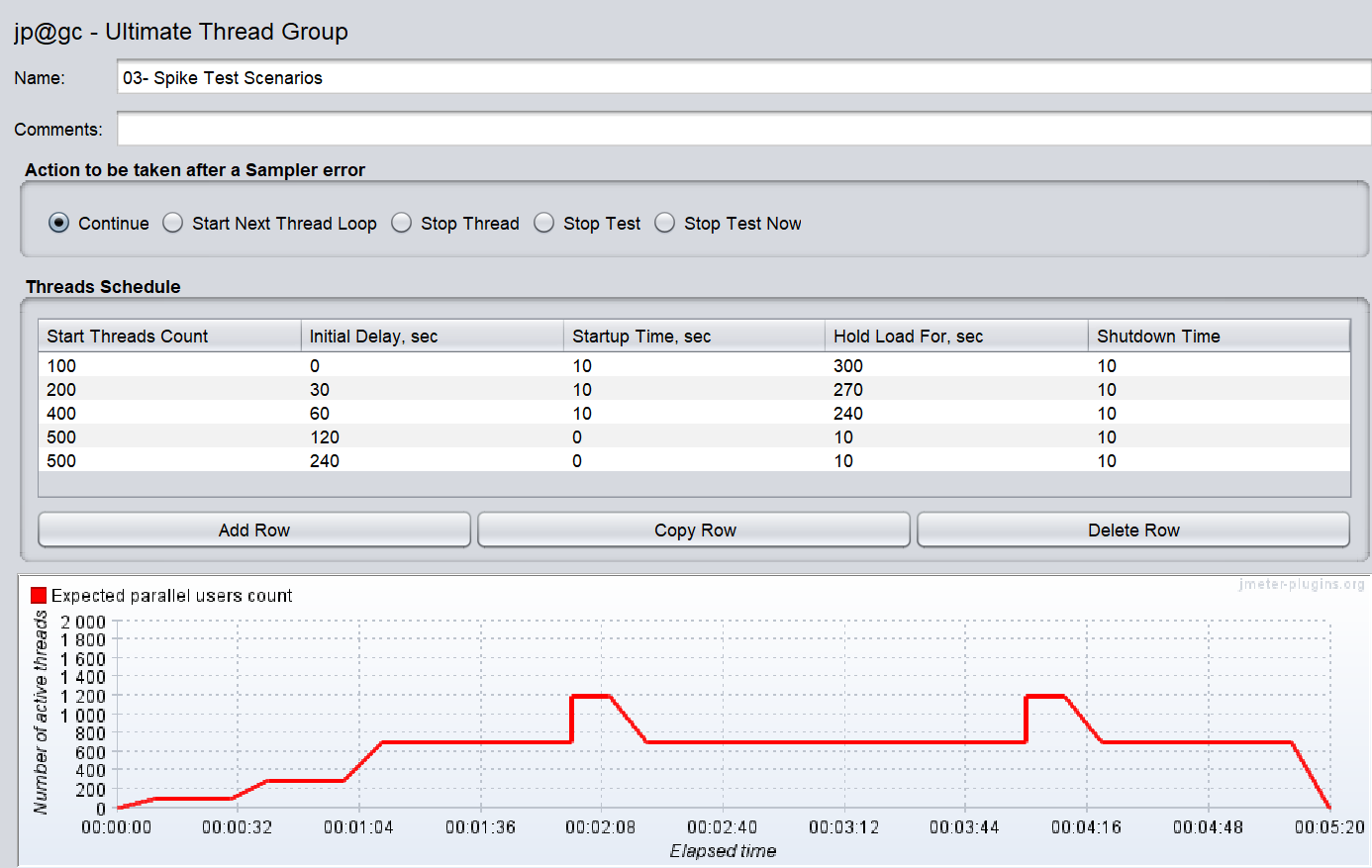


**Summary :**

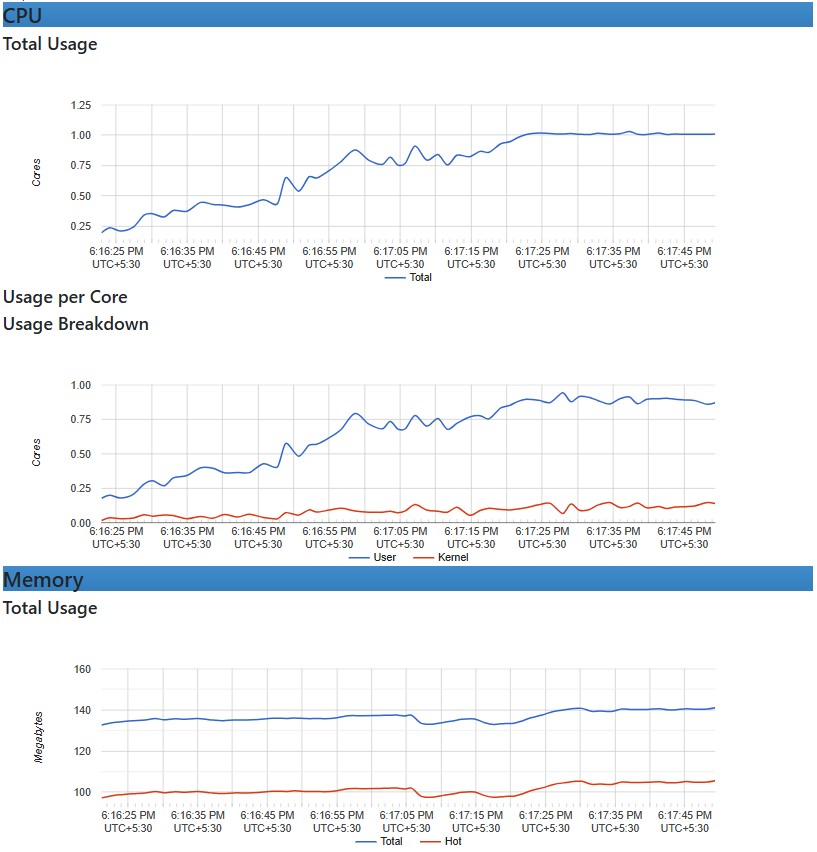
1. **The response time has improved compared to the previous test.**
2. **90% has also improved.**
3. **However, the throughput rate has slightly increased.**
4. **The error rate has also reduced, indicating better stability and fewer failed requests.**

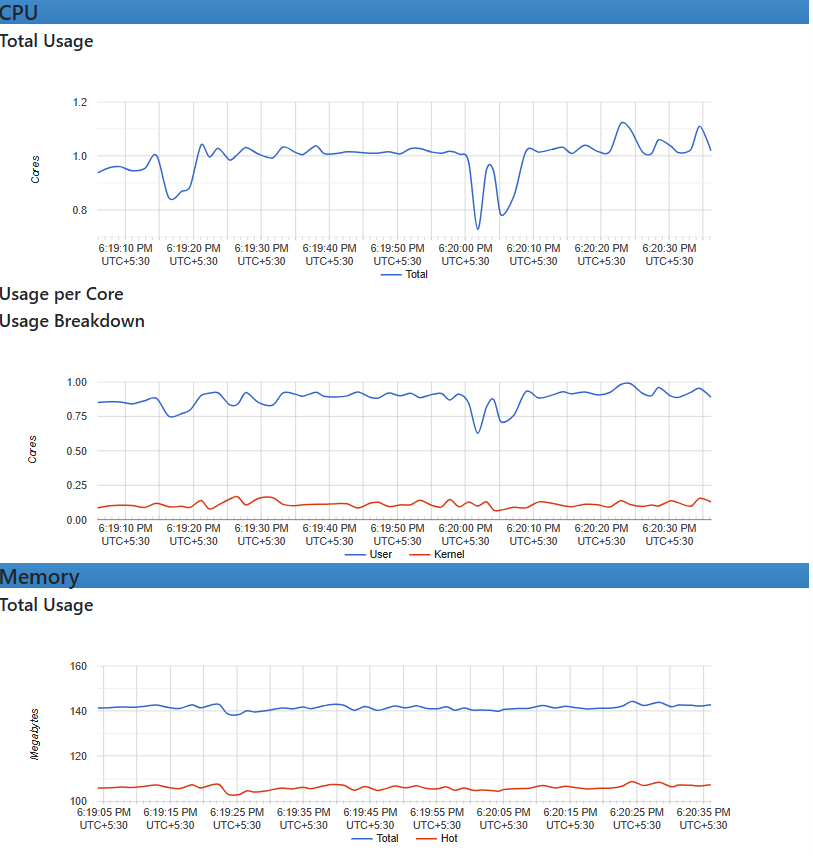
**Spike Test 3.1 -- 500 users 14 minute duration**

**Configuration –**

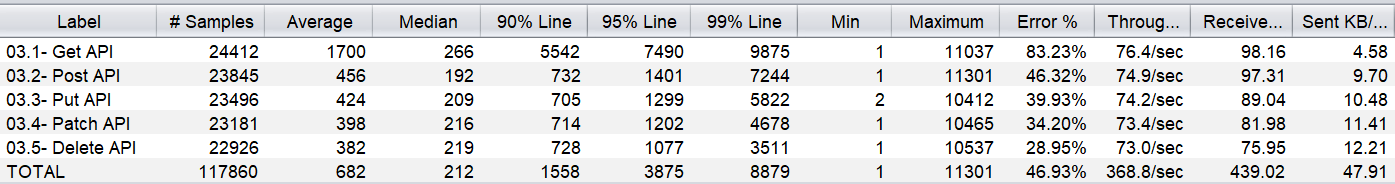


**During execution Infra Status –**

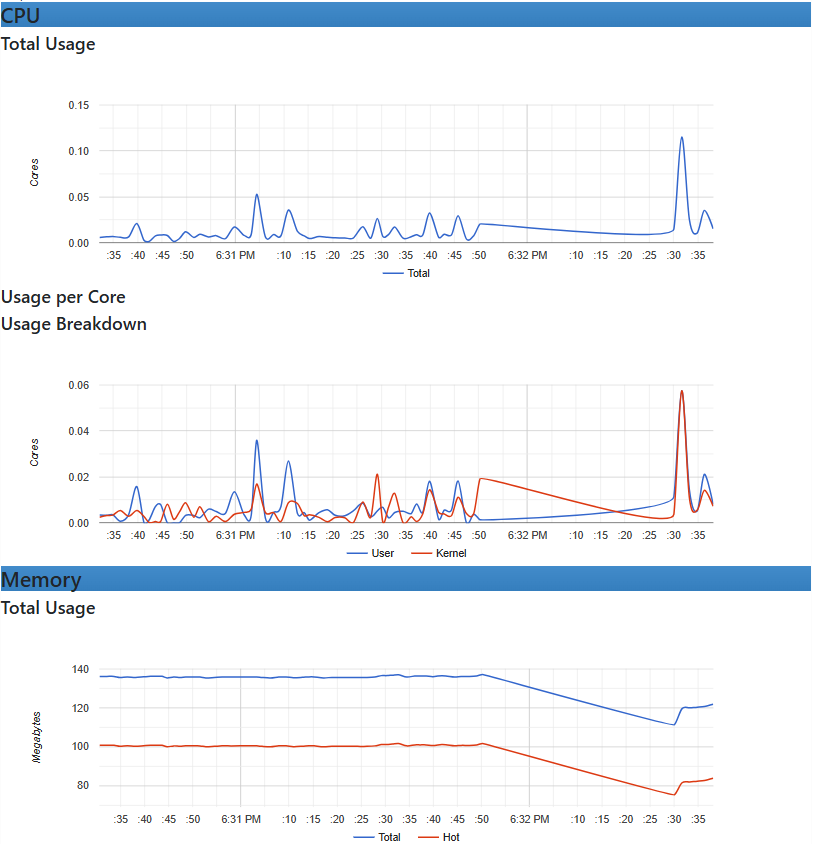




**Verify SLA after execution –**



**Verify Infra Status after execution**



**Summary :**

1. **The response time has improved compared to the previous test.**
2. **90% has also improved.**
3. **However, the throughput rate has slightly increased.**
4. **The error rate has also reduced, indicating better stability and fewer failed requests.**

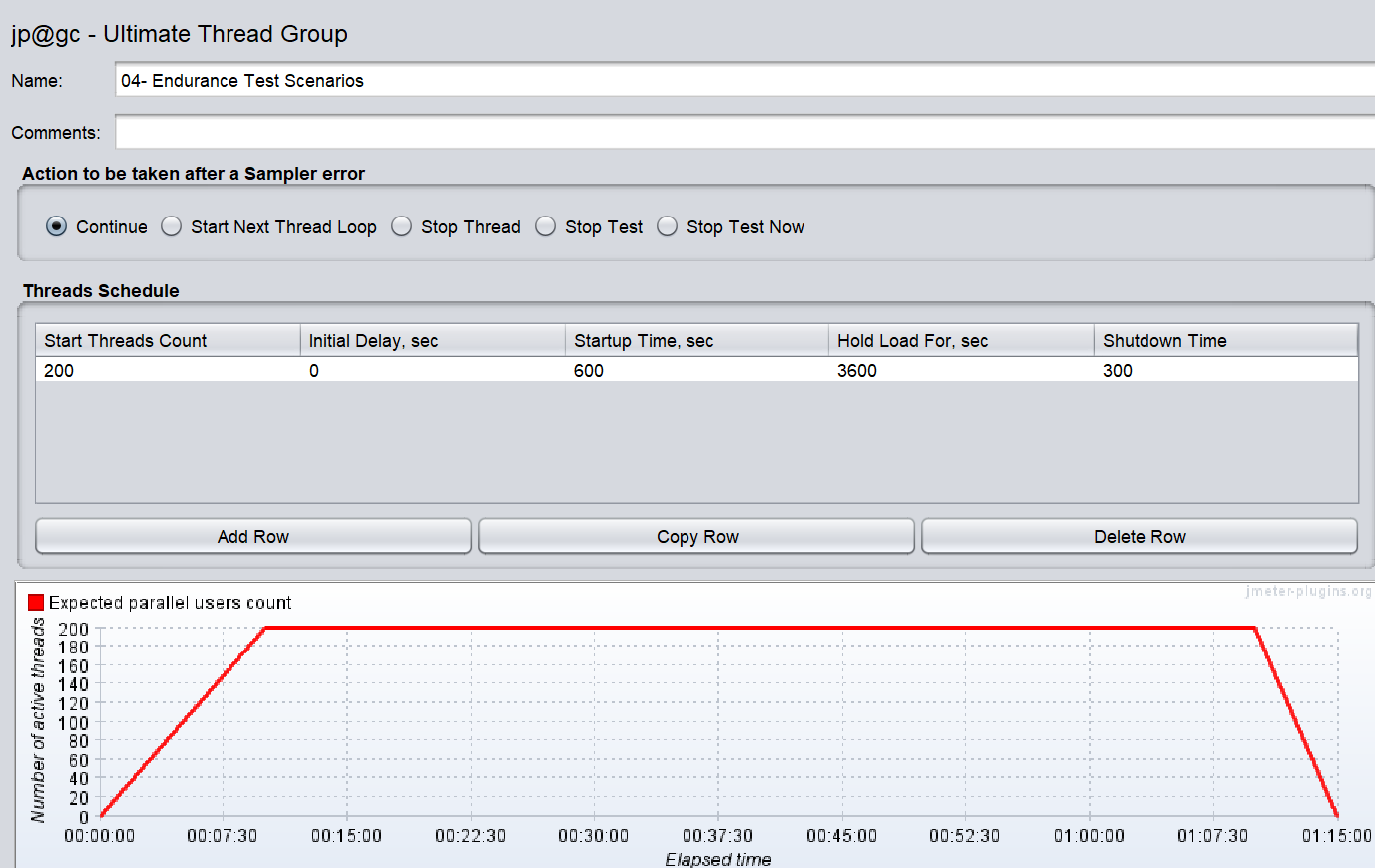
**Error: Assertion Failed**

**Assertion error: false**

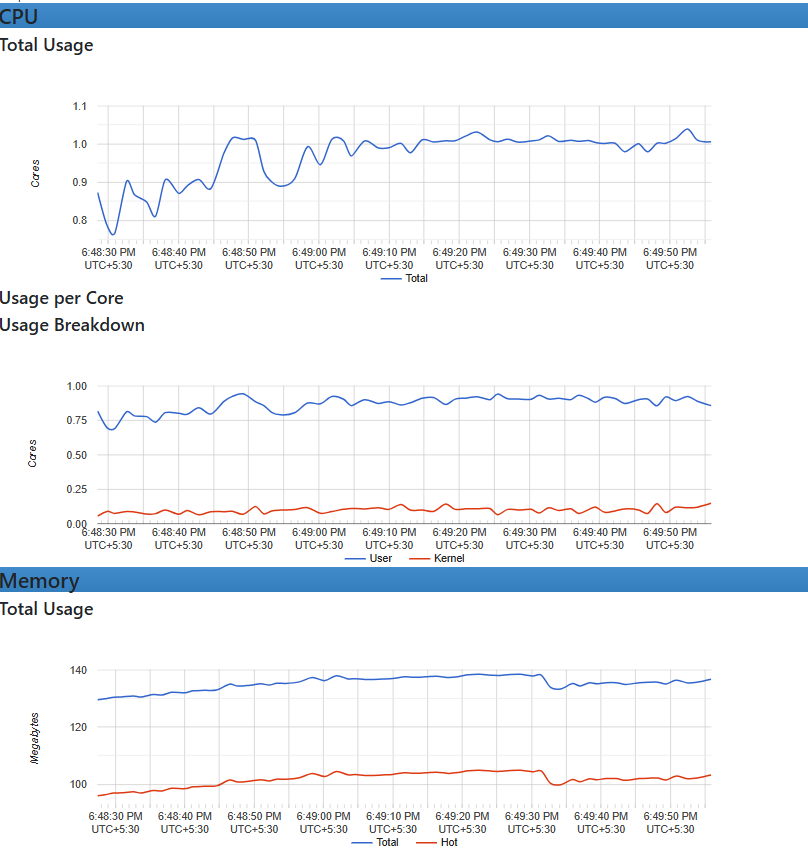
1. **Assertion failure:true**
2. **Assertion failure message:Response time exceeded 1 second for: 03.5- Delete API, actual: 4226 ms**
3. **Assertion error:false**
4. **Assertion failure:true**
5. **Assertion failure message:Error rate above 1%: 100%**

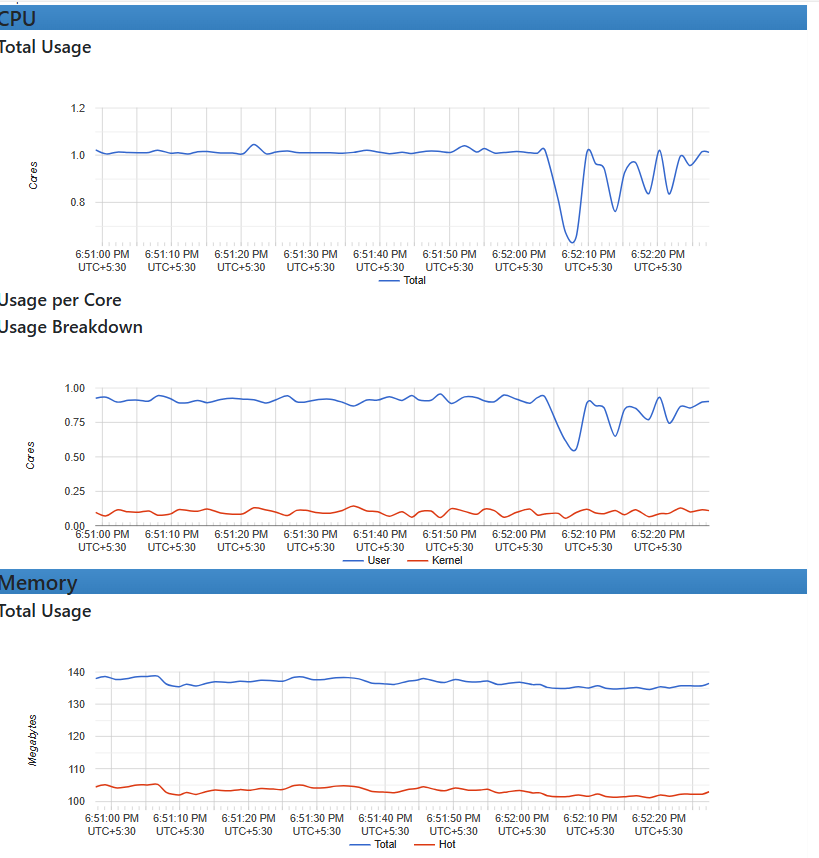
**Endurance Test 4.1 -- 200 users 60 minute duration**

**Configuration –**



**During execution Infra Status –**





**Verify SLA after execution –**



**Summary :**

**Need to do Engineering on this use case (Limited access and tool to diagnose this)**

**Error: Assertion Failed**

1. **Assertion error:false**
2. **Assertion failure:true**
3. **Assertion failure message:Response time exceeded 1 second for: 04.1- Get API, actual: 1052 ms**
4. **Assertion error:false**
5. **Assertion failure:true**
6. **Assertion failure message:Error rate above 1%: 100%**