

AI-04016 GCP High CPU Troubleshooting Command

Owner	Ⓜ Rigel Arcayan
Tags	Project
Created time	July 10, 2026 10:04 PM

1. CPU and Process Diagnostics

```
top -b -o +%CPU -n 1 | head -n 20
```

2. Docker Container Diagnostics

```
docker stats --no-stream
```

```
docker ps -a --format "table {{.ID}}\t{{.Names}}\t{{.Status}}\t{{.State}}"
```

```
docker restart <container_name_or_id>
```

3. Docker Log Size Analysis

```
sudo du -sh /var/lib/docker/containers/*/*-json.log | sort -h
```

4. Clean Up Orphaned Monitoring Processes

```
sudo killall htop btop
```

5. Stop Inactive Docker Compose Stacks

```
docker compose down
```

6. Docker Garbage Collection & Resource Pruning

```
docker system prune -a --volumes -f
```

7. System & Logging Daemon Diagnostics

```
sudo systemctl restart rsyslog
```

```
df -h
```

OpenProject High CPU Troubleshooting

```
# --- 1. INITIAL SYSTEM TROUBLESHOOTING ---
top
htop
docker stats --no-stream
docker stats --format "table {{.Name}}\t{{.CPUPerc}}\t{{.MemU
sage}}\t{{.NetIO}}" --no-stream

# --- 2. CONTAINER METADATA & RUNTIME INSPECTION ---
docker top openproject-web-1 -eo pid,%cpu,command
docker logs --tail 100 openproject-web-1
docker logs --tail 200 openproject-web-1
docker inspect openproject-web-1 --format='{{json .State}}'
docker inspect openproject-web-1 --format='{{range .Config.En
v}}{{println .}}{{end}}'
docker inspect openproject-web-1 --format='{{json .NetworkSet
tings.Networks}}'

# --- 3. FOREGROUND START (ATTACHED RUNTIME TEST) ---
docker stop openproject-web-1
docker start -a openproject-web-1

# --- 4. DATA LOG EXTRACTION FROM DOWNED CONTAINERS ---
docker run --rm --volumes-from openproject-web-1 alpine tail
-n 50 /app/log/production.log

# --- 5. EXPERIMENTAL/ISOLATED POSTGRES DEPLOYMENT SEQUENCE -
--
docker compose -f postgres18.yml down --volumes --remove-orph
ans
docker compose -f postgres18.yml up -d
docker logs pg18book
docker start openproject-web-1
```

```
# --- 6. COMPOSE CONFIGURATION & INDIVIDUAL ENGINE MANAGEMENT
---
docker compose -f apps-and-infra.yml config
docker compose -f apps-and-infra.yml stop zammad-nginx zammad
-zammad-scheduler-1 zammad-zammad-elasticsearch-1
docker compose -f apps-and-infra.yml start zammad-nginx zammad-zammad-scheduler-1
zammad-zammad-elasticsearch-1
cp apps-and-infra.yml apps-and-infra.yml.bak.$(date +%F)
```

sudo