

ColdFusion 2025 Cheat Sheet

Quick Reference Guide • [cfguide.io](#)

cfpm Commands

cfpm list List packages	cfpm search <pkg> Search packages
cfpm install <pkg> Install package	cfpm update Update all

JVM Tuning (Production)

<pre># Heap Size -Xms8g -Xmx8g # G1GC (for heaps > 4GB) -XX:+UseG1GC -XX:MaxGCPauseMillis=200 -XX:G1HeapRegionSize=16M # GC Logging -Xlog:gc*:file=gc.log:time:filecount=5,filesize=20m # Required for CF 2025 --add-opens=java.base/java.lang=ALL-UNNAMED --add-opens=java.base/java.io=ALL-UNNAMED</pre>
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Security Checklist

☐ Run Adobe Lockdown Tool	☐ Enable secure session cookies
☐ Disable RDS in production	☐ Configure security headers
☐ Change admin password (8+ chars)	☐ Set up security updates schedule
☐ Restrict /CFIDE/administrator by IP	☐ Enable request throttling
☐ Disable unnecessary packages	☐ Restrict file upload types

Performance Quick Wins

Application Settings

- `sessionTimeout=#createTimeSpan(0,0,30,0)` #
- `enableRobustException=false` (production)
- `requestTimeout=120`
- Enable trusted cache in production

Database Best Practices

- Always use `cfqueryparam`
- Enable connection pooling
- Use query caching strategically
- Avoid `SELECT *`; specify columns

Troubleshooting Commands

cf health Health status	cf restart Restart CF
cf version Version info	cf metrics Current metrics

File Locations

Linux

- Root:** `/opt/coldfusion2025/`
- Logs:** `/opt/coldfusion2025/cfusion/logs/`
- JVM:** `/opt/coldfusion2025/cfusion/bin/jvm.config`

Windows

- Root:** `C:\ColdFusion2025\`
- Logs:** `C:\ColdFusion2025\cfusion\logs\`
- JVM:** `C:\ColdFusion2025\cfusion\bin\jvm.config`

Key Log Files

- application.log:** Application errors
- exception.log:** Unhandled exceptions
- server.log:** Startup/shutdown events
- coldfusion-out.log:** Standard output
- security.log:** Security events

Performance Metrics to Monitor

Request - Active requests - Queued requests - Avg request time	Memory - Heap usage (<80%) - GC frequency - GC pause (<200ms)
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Essential Admin URLs

- `/CFIDE/administrator` - Main admin
- `/CFIDE/administrator/monitor/index.cfm` - Server Monitor
- `/rest/services` - REST services

Emergency Response

High Memory Usage

- Check heap usage in metrics
- Capture heap dump: `jmap -dump:format=b,file=heap.hprof <pid>`
- Restart ColdFusion if critical
- Analyze with MAT or VisualVM

Performance Degradation

- Check server metrics and active requests
- Review slow request log
- Check database connection pool
- Enable request throttling

Application Not Responding

- Check CF service status
- Review `coldfusion-error.log`
- Check JVM process is running
- Verify web server connector
- Restart CF service if needed

Best Practices

- Always use `<cfqueryparam>` for SQL parameters
- Enable trusted cache in production
- Set appropriate session timeout
- Disable debug output in production
- Regular security updates (monthly minimum)
- Monitor heap usage, keep < 80%
- Use G1GC for heaps over 4GB
- Configure proper connection pooling
- Implement structured logging
- Regular backup of config files