Rule CIC252 The MROBTCH value may be too large

Finding: CPExpert believes that the MROBTCH value specified in the System Initialization Table (SIT) may too large.

Impact: This finding should normally have a LOW IMPACT on the performance of the CICS region.

Logic flow: This is a basic finding, based upon an analysis of the daily CICS statistics.

Discussion: CICS regions which use Multiple Region Option (MRO) can queue MRO requests rather than sending the requests to the other region as the requests arrive. This queueing, or batching, of the MRO requests saves the overhead of posting and dispatching the region for each request. Please see Rule CIC251 for additional discussion of this topic.

CPExpert notes that a value greater than 6 was specified for the MROBTCH parameter.

IBM's *CICS Performance Guides* recommend that MROBTCH not be set higher than 6, since the decreasing additional processor saving is unlikely to be worth the potentially increased response time.

Suggestion: CPExpert suggests that you consider changing the MROBTCH value in the SIT to MROBTCH=6.

Reference: *CICS/MVS Version 2.1.2 Performance Guide*: page 215.

CICS/ESA Version 3.1.1 Performance Guide: page 279.

CICS/ESA Version 3.2.1 Performance Guide: page 222.

CICS/ESA Version 3.3.1 Performance Guide: pages 240-241.

CICS/ESA Version 4.1.1 Performance Guide: Section 4.8.4.

CICS/TS Release 1.1 Performance Guide: Section 4.8.4.

CICS/TS Release 1.2 Performance Guide: Section 4.8.5.

CICS/TS Release 1.3 Performance Guide: Section 4.12.5.

CICS/TS for z/OS Release 2.1 *Performance Guide*: Chapter 24 (MRO and ISC - Batching requests (MROBTCH)).

CICS/TS for z/OS Release 2.2 *Performance Guide*: Section 4.11.5 (Batching requests).

