



问题描述

Oracle IM压缩策略

解决方法

Oracle IM为了节约内存空间，并提高查询分析效率，提供如下几个压缩策略，默认MEMCOMPRESS FOR QUERY LOW。

IM Column Store Compression Methods

CREATE/ALTER Syntax	Description
NO MEMCOMPRESS	The data is not compressed.
MEMCOMPRESS FOR DML	This method results in the lowest compression ratio. This method compresses data using Oracle's proprietary compression algorithm. Note: This compression method is not supported for Exadata flash storage.
MEMCOMPRESS FOR QUERY LOW	This method results in a moderate compression ratio. This method compresses data using Oracle's proprietary compression algorithm. This method is the default compression method in a CREATE TABLE statement if no method is specified without including either LOW or HIGH. Note: If the INMEMORY parameter is set to FORCE, then INMEMORY or a dictionary views method always transparently overrides this method.
MEMCOMPRESS FOR QUERY HIGH	This method results in a high compression ratio. This method compresses data using Oracle's proprietary compression algorithm. LOW but less than HIGH.
MEMCOMPRESS FOR CAPACITY LOW	This method balances compression ratio and decompression overhead. This method compresses data using Oracle's proprietary compression algorithm. HIGH but less than LOW. proprietary compression algorithm that results in a higher decompression overhead than decompressed before. This method is the default compression method including either LOW or HIGH.
MEMCOMPRESS FOR CAPACITY HIGH	This method results in the highest compression ratio. This method compresses data using Oracle's proprietary compression algorithm.