```
LINENUMBER 1431 L0
                                  LDC "652cc43f-e952-4744-8a90-c03bd19f7e00"
                                 INVOKESTATIC edu/cmu/cs/mvelezce/java/execute/region/RegionsManager.enter (Ljava/lang/String;)V
                                  INVOKEVIRTUAL com/sleepycat/je/dbi/EnvironmentImpl.useOffHeapChecksums ()Z
                                  ISTORE 4
                                 LINENUMBER 1432 L1
                                  ILOAD 4
                                 IFEQ L2
                                                                  ICONST_4
                                                                                  FRAME APPEND [I]
                                                                  GOTO L\overline{3}
                                                                                  ICONST_0
                                             FRAME SAME1 I
                                             ISTORE 5
                                              LINENUMBER 1433 L4
                                              ALOAD 1
                                             INVOKEVIRTUAL com/sleepycat/je/dbi/EnvironmentImpl.getCacheVLSN ()Z
                                             IFEQ L5
                                                                  BIPUSH 8
                                                                                  FRAME APPEND [I]
                                                                  GOTO L6
                                                                                  ICONST_0
                                FRAME SAME1 I
                                ISTORE 6
                                LINENUMBER 1434 L7
                                ILOAD 6
                                ILOAD 5
                                IADD
                                ISTORE 7
                                LINENUMBER 1436 L8
                                ALOAD 0
                                GETFIELD com/sleepycat/je/evictor/OffHeapCache.allocator: Lcom/sleepycat/je/evictor/OffHeapAllocator;
                                LLOAD 2
                                INVOKEINTERFACE com/sleepycat/je/evictor/OffHeapAllocator.size (J)I
                                ILOAD 7
                                ISUB
                               NEWARRAY T_BYTE
                                ASTORE 8
                                LINENUMBER 1437 L9
                                ALOAD 0
                                GETFIELD com/sleepycat/je/evictor/OffHeapCache.allocator: Lcom/sleepycat/je/evictor/OffHeapAllocator;
                                LLOAD 2
                                ILOAD 7
                                ALOAD 8
                                ICONST_0
                                ALOAD 8
                                ARRAYLENGTH
                                INVOKEINTERFACE com/sleepycat/je/evictor/OffHeapAllocator.copy (JI[BII)V
                                LINENUMBER 1439 L10
                                ILOAD 6
                                IFGT L11
                                                                        ILOAD 4
                                                                        IFEQ L12
                                                                           L11
                                                                           FRAME APPEND [I I [B]
                                                     L12
FRAME SAME
                                                                           BIPUSH 8
                                                                           NEWARRAY T_BYTE
                                                     ACONST_NULL
                                                                           GOTO L13
                                                              L13
                                                              FRAME SAME1 [B
ASTORE 9
                                                              L14
                                                              LINENUMBER 1442 L14
                                                              ILOAD 4
                                                              IFEQ L15
                                                             L16
                                                            LINENUMBER 1443 L16
                                                            ALOAD 0
                                                            LLOAD 2
                                                            ILOAD 6
                                                             ALOAD 9
                                                            INVOKESPECIAL com/sleepycat/je/evictor/OffHeapCache.getInt (JI[B)I
                                                             ISTORE 10
                                                             L17
                                                            LINENUMBER 1444 L17
                                                            ILOAD 10
                                                            IFEQ L15
                                                                  LINENUMBER 1446 L18
                                                                  INVOKESTATIC com/sleepycat/je/utilint/Adler32.makeChecksum ()Ljava/util/zip/Checksum;
                                                                   ASTORE 11
                                                                  L19
                                                                  LINENUMBER 1447 L19
                                                                   ALOAD 11
                                                                  ALOAD 8
ICONST_0
                                                                  ALOAD 8
                                                                  ARRAYLENGTH
                                                                  INVOKEINTERFACE java/util/zip/Checksum.update ([BII)V
                                                                  LINENUMBER 1448 L20
                                                                  ALOAD 11
                                                                  INVOKEINTERFACE java/util/zip/Checksum.getValue ()J
                                                                  L2I
ISTORE 12
                                                                  L21
                                                                  LINENUMBER 1450 L21
                                                                  ILOAD 10
                                                                  ILOAD 12
                                                                  IF_ICMPEQ L15
LINENUMBER 1459 L15
FRAME APPEND [[B]
ALOAD 0
GETFIELD com/sleepycat/je/evictor/OffHeapCache.nLNsLoaded: Ljava/util/concurrent/atomic/AtomicLong; INVOKEVIRTUAL java/util/concurrent/atomic/AtomicLong.incrementAndGet()J
POP2
L23
LINENUMBER 1461 L23
ALOAD 1
ALOAD 8
INVOKESTATIC com/sleepycat/je/tree/LN.makeLN (Lcom/sleepycat/je/dbi/EnvironmentImpl;[B)Lcom/sleepycat/je/tree/LN;
ASTORE 10
L24
LINENUMBER 1462 L24
ALOAD 10
INVOKEVIRTUAL com/sleepycat/je/tree/LN.clearDirty ()V
LINENUMBER 1464 L25
ILOAD 6
IFLE L26
                                                                                                  LINENUMBER 1451 L22
                                                                                                  ALOAD 1
                                                                                                  NEW java/lang/StringBuilder
                                                                                                  INVOKESPECIAL java/lang/StringBuilder.<init> ()V LDC "Off-heap cache checksum error. Expected "
                      LINENUMBER 1465 L27
ALOAD 10
                                                                                                  INVOKEVIRTUAL java/lang/StringBuilder.append (Ljava/lang/String;)Ljava/lang/StringBuilder;
                      ALOAD 0
LLOAD 2
                                                                                                  ILOAD 10
                                                                                                 INVOKEVIRTUAL java/lang/StringBuilder.append (I)Ljava/lang/StringBuilder;
                      ICONST_0
                                                                                                 INVOKEVIRTUAL java/lang/StringBuilder.append (Ljava/lang/String;)Ljava/lang/StringBuilder;
                       ALOAD 9
                      INVOKESPECIAL com/sleepycat/je/evictor/OffHeapCache.getLong (JI[B)J INVOKEVIRTUAL com/sleepycat/je/tree/LN.setVLSNSequence (J)V
                                                                                                  ILOAD 12
                                                                                                 INVOKEVIRTUAL java/lang/StringBuilder.append (I)Ljava/lang/StringBuilder;
INVOKEVIRTUAL java/lang/StringBuilder.toString ()Ljava/lang/String;
INVOKESTATIC com/sleepycat/je/EnvironmentFailureException.unexpectedState (Lcom/sleepycat/je/dbi/EnvironmentImpl;Ljava/lang/String;)Lcom/sleepycat/je/EnvironmentFailureException;
LDC "652cc43f-e952-4744-8a90-c03bd19f7e00"
                                                                                                  INVOKESTATIC edu/cmu/cs/mvelezce/java/execute/region/RegionsManager.exit (Ljava/lang/String;)V
                                                                                                  ATHROW
          LINENUMBER 1468 L26
          FRAME APPEND [com/sleepycat/je/tree/LN]
          ALOAD 10
          LDC "652cc43f-e952-4744-8a90-c03bd19f7e00"
          INVOKESTATIC edu/cmu/cs/mvelezce/java/execute/region/RegionsManager.exit (Ljava/lang/String;)V
          ARETURN
          L28
```

entry

exit