```
entry
                                                                                                                LINENUMBER 42 L0
                                                                                                                 ALOAD 0
                                                                                                                INVOKESPECIAL java/lang/Object.<init>()V
                                                                                                                LINENUMBER 30 L1
                                                                                                                 ALOAD 0
                                                                                                                NEW org/prevayler/foundation/serialization/DESSerializer$1
                                                                                                                DUP
                                                                                                                ALOAD 0
                                                                                                                INVOKESPECIAL org/prevayler/foundation/serialization/DESSerializer$1.<init> (Lorg/prevayler/foundation/serialization/DESSerializer;)V
                                                                                                                PUTFIELD org/prevayler/foundation/serialization/DESSerializer. ciphers: Ljava/lang/ThreadLocal;
                                                                                                                LINENUMBER 43 L2
                                                                                                                ALOAD 0
                                                                                                                ALOAD 1
                                                                                                                 PUTFIELD org/prevayler/foundation/serialization/DESSerializer._delegate : Lorg/prevayler/foundation/serialization/Serializer;
                                                                                                                 LINENUMBER 44 L3
                                                                                                                 ALOAD 2
                                                                                                                LDC "org/prevayler/foundation/serialization/DESSerializer.<init>(Lorg/prevayler/foundation/serialization/Serializer;[B)V"
                                                                                                                INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)V
                                                                                                                INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFNULLEval (Ljava/lang/Object;)V
                                                                                                                IFNULL L4
                                                                                                                                                        ALOAD 2
                                                                                                                                                        ARRAYLENGTH
                                                                                                                                                       BIPUSH 8
                                                                                                                                                       LDC "org/prevayler/foundation/serialization/DESSerializer.<init>(Lorg/prevayler/foundation/serialization/Serializer;[B)V"
                                                                                                                                                       INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)V
                                                                                                                                                       INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF_ICMPNEEval (II)V
                                                                                                                                                       IF_ICMPNE L4
                                                                                  L4
                                                                                  LINENUMBER 46 L4
                                                                                  FRAME FULL [org/prevayler/foundation/serialization/DESSerializer org/prevayler/foundation/serialization/Serializer [B] []
                                                                                  ALOAD 2
                                                                                  LDC "org/prevayler/foundation/serialization/DESSerializer.<init>(Lorg/prevayler/foundation/serialization/Serializer;[B)V"
                                                                                  BIPUSH 2
                                                                                  INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)V
                                                                                  INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFNULLEval (Ljava/lang/Object;)V
                                                                                  IFNULL L7
                                      LDC "org/prevayler/foundation/serialization/DESSerializer.<init>(Lorg/prevayler/foundation/serialization/Serializer;[B)V"
                                      INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
                                      ALOAD 2
                                                                                                                                                                                  LINENUMBER 45 L5
                                      ARRAYLENGTH
                                      BIPUSH 24
                                                                                                                                                                                  ALOAD 0
                                      LDC "org/prevayler/foundation/serialization/DESSerializer.<init>(Lorg/prevayler/foundation/serialization/Serializer;[B)V"
                                                                                                                                                                                  ICONST 0
                                                                                                                                                                                  PUTFIELD org/prevayler/foundation/serialization/DESSerializer._triple: Z
                                      INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)V
                                                                                                                                                                                  GOTO L6
                                      INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIF_ICMPNEEval (II)V
                                      IF_ICMPNE L7
LDC "org/prevayler/foundation/serialization/DESSerializer.<init>(Lorg/prevayler/foundation/serialization/Serializer;[B)V"
BIPUSH 3
                                                                                                                                LINENUMBER 49 L7
INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
                                                                                                                               FRAME SAME
                                                                                                                               NEW java/lang/IllegalArgumentException
LINENUMBER 47 L8
ALOAD 0
                                                                                                                               LDC "Key must be 8 or 24 bytes"
ICONST 1
                                                                                                                               INVOKESPECIAL java/lang/IllegalArgumentException.<init> (Ljava/lang/String;)V
PUTFIELD org/prevayler/foundation/serialization/DESSerializer._triple: Z
                                                                                                                               ATHROW
GOTO L6
                                                                            FRAME SAME
                                                                            LDC "org/prevayler/foundation/serialization/DESSerializer.<init>(Lorg/prevayler/foundation/serialization/Serializer;[B)V"
                                                                            BIPUSH 1
                                                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V LDC "org/prevayler/foundation/serialization/DESSerializer.<init>(Lorg/prevayler/foundation/serialization/Serializer;[B)V"
                                                                            BIPUSH 0
                                                                            INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
                                                                            LINENUMBER 51 L9
                                                                            ALOAD 0
                                                                            GETFIELD org/prevayler/foundation/serialization/DESSerializer._triple: Z
                                                                            LDC "org/prevayler/foundation/serialization/DESSerializer.<init>(Lorg/prevayler/foundation/serialization/Serializer;[B)V"
                                                                            BIPUSH 4
                                                                            INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)V
                                                                            INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (I)V
                                                                            IFEQ L10
                                                                                                                                             L10
                                                                      NEW javax/crypto/spec/DESedeKeySpec
                                                                                                                                             FRAME SAME
                                                                      DUP
                                                                                                                                             NEW javax/crypto/spec/DESKeySpec
                                                                      ALOAD 2
                                                                                                                                             DUP
                                                                      INVOKESPECIAL javax/crypto/spec/DESedeKeySpec.<init> ([B)V
                                                                                                                                             ALOAD 2
                                                                      GOTO L11
                                                                                                                                             INVOKESPECIAL javax/crypto/spec/DESKeySpec.<init>([B)V
                                                                            L11
                                                                           FRAME SAME1 java/lang/Object
                                                                            LDC "org/prevayler/foundation/serialization/DESSerializer.<init>(Lorg/prevayler/foundation/serialization/Serializer;[B)V"
                                                                            BIPUSH 4
                                                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
                                                                            ASTORE 3
                                                                            L12
                                                                           LINENUMBER 52 L12
                                                                            ALOAD 0
                                                                            ALOAD 0
                                                                            GETFIELD org/prevayler/foundation/serialization/DESSerializer._triple: Z
                                                                            LDC "org/prevayler/foundation/serialization/DESSerializer.<init>(Lorg/prevayler/foundation/serialization/Serializer;[B)V"
                                                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.enterDecision (Ljava/lang/String;I)V
                                                                           INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.logIFEQEval (I)V
                                                                            IFEQ L13
                                                                             LDC "DESede"
                                                                                                  FRAME FULL [org/prevayler/foundation/serialization/DESSerializer org/prevayler/foundation/serialization/DESSerializer] [org/prevayler/foundation/serialization/DESSerializer]
                                                                             GOTO L14
                                     FRAME FULL [org/prevayler/foundation/serialization/DESSerializer org/prevayler/foundation/serialization/Serializer [B java/lang/Object] [org/prevayler/foundation/serialization/DESSerializer java/lang/String]
                                     LDC "org/prevayler/foundation/serialization/DESSerializer.<init>(Lorg/prevayler/foundation/serialization/Serializer;[B)V'
                                      INVOKESTATIC edu/cmu/cs/mvelezce/tool/analysis/taint/java/groundtruth/SubtracesLogger.exitDecision (Ljava/lang/String;I)V
                                     INVOKESTATIC javax/crypto/SecretKeyFactory.getInstance (Ljava/lang/String;)Ljavax/crypto/SecretKeyFactory;
                                     INVOKEVIRTUAL javax/crypto/SecretKeyFactory.generateSecret (Ljava/security/spec/KeySpec;)Ljavax/crypto/SecretKey; PUTFIELD org/prevayler/foundation/serialization/DESSerializer._key: Ljavax/crypto/SecretKey;
                                     LINENUMBER 53 L15
                                     RETURN
                                     L16
```

exit