Ksapp Variety1



MDK analysis

- It's an interpreter which has a Lexer and Parser.
- The Lexer allows token, like:
 - if, then, endif, elseif, else
 - while, endwhile
 - func, endfunc
 - Basic java types
 - ID
 - Etc.
- Parser will then parse the .sh file line by line and generate a func list and var list.
- MDK controller will start from "start" func, and eval line by line to do the task. It has the type mappers to map from MDK type to java type. And if eval call statement, it will issue call in JVM via reflection.

• For this kind of malware, I consider it can do anything allowed by the apk's permission.