

# PikaBot Is Back With a Vengeance

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```
blacklisted = [0xF9AB9F,0xF9ABD2]
```

```
def set_hexrays_comment(address, text):
    '''
    set comment in decompiled code
    '''
    cfunc = idaapi.decompile(address)
    tl = idaapi.treeloc_t()
    tl.ea = address
    tl.itp = idaapi.ITP_SEMI
    cfunc.set_user_cmt(tl, text)
    cfunc.save_user_cmts()
```

```
def set_comment(address, text):
```

```
## Set in disassembly
idc.set_cmt(address, text,0)
## Set in decompiled data
set_hexrays_comment(address, text)
```

```
for s in strings:
    addr = s.get('a1')
    if addr in blacklisted:
        addr = s.get('a2')
        set_comment(addr, s.get('value'))
```

```
def get_hash(string):
    out = 0xb6
    string = string.lower()
    for c in string:
        out = (ord(c) + out * 5) & 0xffffffff
    return out
```

```
hex(get_hash('HeapFree'))
```

```
'0x4d6cd9e'
```

---

Source: <https://research.openanalysis.net/pikabot/debugging/string%20decryption/2023/11/12/new-pikabot.html>