

**Componente da Chave BDK -**

**Varian para Keyblock**

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# Variant

## Geração dos componentes da chave BDK

Online-AUTH>gc  
 Enter LMK id [0-1]: 0  
 Enter key length [1,2,3]: 2  
 Enter key type: 009  
 Enter key scheme: u  
  
 Clear component: AB68 7598 B3DC D08A 5851 584A 16B9 A2EA  
 Encrypted component: UF696 7E9B 790B 0B2E DE38 EC83 E2A4 EA82  
 Key check value: F06DD3

Online-AUTH>gc  
 Enter LMK id [0-1]: 0  
 Enter key length [1,2,3]: 2  
 Enter key type: 009  
 Enter key scheme: u  
  
 Clear component: D6C7 83C1 1CAB D0C2 048F 7615 E59E 3202  
 Encrypted component: UFB50 28A0 9781 E0C9 0230 679A 9CD5 767D  
 Key check value: 84F539

## Geração da chave BDK

Online-AUTH>fk  
 Enter LMK id [0-1]: 0  
 Enter key length [1,2,3]: 2  
 Enter key type: 009  
 Enter key scheme: u  
 Enter component type [X,H,T,E,S]: x  
 Enter number of components [1-9]: 2  
  
 Enter component 1: AB68 7598 B3DC D08A 5851 584A 16B9 A2EA  
 Component 1 check value: F06DD3  
  
 Enter component 2: D6C7 83C1 1CAB D0C2 048F 7615 E59E 3202  
 Component 2 check value: 84F539  
  
 Encrypted key: **U8276 BD44 4A85 C819 8528 072E ADFC 7D6A**  
 Key check value: **418CE4**

# Key block

## Geração da chave BDK

Online-AUTH>fk  
 Enter LMK id [0-1]: 1  
 Enter algorithm type [D=DES, A=AES]: d  
 Enter key length [2,3]: 2  
 Enter key scheme: s  
 Enter component type [X,E,S]: x  
 Enter number of components [1-9]: 2  
 Enter Key Usage: b0  
 Enter Mode of Use: n  
 Enter Key Version Number: 00  
 Enter Exportability: e  
 Enter Optional Blocks? [Y/N]: n  
  
 Enter component 1: AB68 7598 B3DC D08A 5851 584A 16B9 A2EA  
 Component 1 check value: F06DD3  
  
 Enter component 2: D6C7 83C1 1CAB D0C2 048F 7615 E59E 320  
 Component 2 check value: 84F539  
  
 Encrypted key: **S10096B0TN00E0001A6C5CA402DA7E5EB27F2396DB4313739F747604CF2CA12B5EC61190049174E8D200721EF8B355E88**  
 Key check value: **418CE4**

# Conclusão

Como é possível notar, a BKD na VARIANTE possui o KCV 418CE4 e a BDK na KEY BLOCK possui o KCV 418CE4. Ambos os KCV são iguais, tanto da BDK sobre a LMK Variant quanto da BDK sobre a LMK Key Block.

# Release Notes

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| **Autor** | **Descrição** | **Data** |
| Caio Ferreira | Primeira versão | 27/02/2020 |
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