

**Conversão da Chave BDK**

**Varian para Keyblock**

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# Variant

## BDK(009)

Secure-AUTH>kg  
 Enter LMK id [0-1]: 0  
 Enter key length [1,2,3]: 2  
 Enter key type: 009  
 Enter key scheme (LMK): u  
 Enter key scheme (ZMK):  
 Enter ZMK:

**Key under LMK: U0047 29B3 81B5 7E9E C4C2 13EA 05C2 26CA  
 Key check value: CA0AAC**

## ZMK(000) components

Secure-AUTH>gc  
 Enter LMK id [0-1]: 0  
 Enter key length [1,2,3]: 2  
 Enter key type: 000  
 Enter key scheme: u  
  
 **Clear component: A152 C2BF DAEA 159D 3876 D0F2 A77C 9438**  
 Encrypted component: U908B 8AFA 3EF2 8939 0C49 0FA2 FB45 48B7  
 **Key check value: C86AB5**

Secure-AUTH>gc  
 Enter LMK id [0-1]: 0  
 Enter key length [1,2,3]: 2  
 Enter key type: 000  
 Enter key scheme: u  
  
 **Clear component: 51E5 738F 8FC4 52A8 D0AE ECFE 573E 8910**  
 Encrypted component: U657F FD5E 6A08 5B64 A97F D07E A82F 7D6D  
 **Key check value: 603AD1**

## Form ZMK(000) under 3DES Variant LMK

Secure-AUTH>fk  
 Enter LMK id [0-1]: 0  
 Enter key length [1,2,3]: 2  
 Enter key type: 000  
 Enter key scheme: u  
 Enter component type [X,H,T,E,S]: x  
 Enter number of components [1-9]: 2  
  
 Enter component 1: A152 C2BF DAEA 159D 3876 D0F2 A77C 9438  
 Component 1 check value: C86AB5  
 Continue? [Y/N]: y  
  
 Enter component 2: 51E5 738F 8FC4 52A8 D0AE ECFE 573E 8910  
 Component 2 check value: 603AD1  
 Continue? [Y/N]: y  
  
 Encrypted key: **U5DDC 18B3 AAA2 74D1 76D8 5DC8 C479 4D7F**  
 Key check value: **FE8DEE**

## Export BDK under newly formed ZMK

# BDK(009)  
 Key under LMK: U0047 29B3 81B5 7E9E C4C2 13EA 05C2 26CA  
 Key check value: CA0AAC

# ZMK(000)  
 Encrypted key: U5DDC 18B3 AAA2 74D1 76D8 5DC8 C479 4D7F  
 Key check value: FE8DEE

Secure-AUTH>ke  
 Enter LMK id [0-1]: 0  
 Enter key type: 009  
 Enter key scheme: u  
 Enter ZMK: U5DDC 18B3 AAA2 74D1 76D8 5DC8 C479 4D7F  
 Enter key under LMK: U0047 29B3 81B5 7E9E C4C2 13EA 05C2 26CA  
  
 Key under ZMK: **UF3EF 8F49 F3FD 04F1 6823 B257 6FF4 509D**  
 Key check value: **CA0AAC**

# Key block

## Form ZMK from same components under new LMK

Secure-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: k0  
 Enter Mode of Use: n  
 Enter Key Version Number: 00  
 Enter Exportability: e  
 Enter Optional Blocks? [Y/N]: n  
  
 Enter component 1: A152 C2BF DAEA 159D 3876 D0F2 A77C 9438  
 Component 1 check value: C86AB5  
 Continue? [Y/N]: y  
  
 Enter component 2: 51E5 738F 8FC4 52A8 D0AE ECFE 573E 8910  
 Component 2 check value: 603AD1  
 Continue? [Y/N]: y  
  
 Encrypted key: **S10096K0TN00E0001D862A23D77A9A6322AD3B170575B8AF3AE143793C2BC0332450CD9264317DBD4098F27A98DF6E8A3**  
 Key check value: **FE8DEE**

## Import the BDK that was previously exported

# BDK(009)  
 Key under LMK: U0047 29B3 81B5 7E9E C4C2 13EA 05C2 26CA  
 Key check value: CA0AAC

Encrypted key: **S10096K0TN00E0001D862A23D77A9A6322AD3B170575B8AF3AE143793C2BC0332450CD9264317DBD4098F27A98DF6E8A3**  
 Key check value: **FE8DEE**

Secure-AUTH>ik  
 Enter LMK id [0-1]: 1  
 Enter key scheme: s  
 Enter ZMK: **S10096K0TN00E0001D862A23D77A9A6322AD3B170575B8AF3AE143793C2BC0332450CD9264317DBD4098F27A98DF6E8A3**  
 Enter key: **U0047 29B3 81B5 7E9E C4C2 13EA 05C2 26CA**  
 Enter Key Usage: b0  
 Enter Mode of Use: n  
 Enter Key Version Number: 00  
 Enter Exportability: n  
 Enter Optional Blocks? [Y/N]: n  
  
 Encrypted key: **S10096B0TN00N0001AFA0CBCB0A5616A409B785D954011C88A42C90CF625495E1BFC56260B60611E0662BEE35EC0494B6**  
 Key check value: **159F22**

# Release Notes

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| **Autor** | **Descrição** | **Data** |
| Caio Ferreira | Primeira versão | 21/02/2020 |
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