The feature codes and purpose of the cryptographic hardware features that are available for IBM z15 are listed in Table 6-1.

Table 6-1   Cryptographic features for IBM z15

Feature code	Description
3863	CP Assist for Cryptographic Function (CPACF) enablement This feature is a prerequisite to use CPACF (except for SHA-1, SHA-224, SHA-256, SHA-384, and SHA-512) and the PCIe Crypto Express features.
0898 0899	Crypto Express7S feature (2-port/#0898, 1-port/#0899)[a] These features are optional. The 2-port feature contains two PCIe Express cryptographic adapters, which can be independently defined as Coprocessor or Accelerator. The 1-port feature contains one PCIe Express cryptographic adapter. These features are supported only in z15.
0893	Crypto Express6S adapter[a] This feature is available as a carry forward MES from z14. This feature is optional and each feature of which contains one PCI Express cryptographic adapter (adjunct processor). This feature is supported in z15 and z14.
0890	Crypto Express5S adapter[a] This feature is available as a carry forward MES from z14 or z13. This feature is optional and each feature of which contains one PCI Express cryptographic adapter (adjunct processor). This feature is supported in z15, z14, z13, and z13s systems.
0088	TKE tower workstation A TKE provides basic key management (key identification, exchange, separation, update, and backup) and security administration. It is optional for running a Crypto Express feature in CCA mode in non PCI-compliant environment. It is required for running in EP11 mode and CCA mode with full PCI compliance. The TKE workstation has one 1000BASE-T Ethernet port, and supports connectivity to an Ethernet local area network (LAN). Up to 10 features combined with 0087 per z15 can be ordered.
0087	TKE rack-mounted workstation The rack-mounted version of the TKE, which needs a customer-provided standard 19-inch rack. It features a 1u TKE unit and an (optional) 1u console tray (screen, keyboard, and pointing device). When smart card readers are used, another customer-provided tray is needed. Up to 10 features combined with 0088 per z15 can be ordered.
0881	TKE 9.2 Licensed Internal Code (LIC) Included with the TKE tower workstation FC 0088 and the TKE rack-mounted workstation FC 0087 for z15. Earlier versions of TKE features (feature codes: 0080, 0081, 0085, and 0086) can also be upgraded to TKE 9.2 LIC, if the TKE is assigned to a z14 or later.
0891	TKE Smart Card Reader Access to information in the smart card is protected by a PIN. One feature code includes two smart card readers, two cables to connect to the TKE workstation, and 20 smart cards.