

TKE 3.1 and ICSF Required APAR - Error Msg for CSFTHTP3: Error Type 11 RC(3) RS(0)

This FLASH is for notification of an error condition on the Trusted Key Entry Workstation (TKE) V3.1 caused by a missing APAR in OS/390 ICSF. The TKE is associated with the hardware cryptographic feature available on IBM CMOS and z/900 processors.

The error appears when attempting logon to the optional TKE hardware device but is caused by the lack of an OS/390 ICSF APAR. New shipments of the TKE 3.1 feature are shipped with code support that was lacking in older TKE V3 workstations. This support when made available was provided as a combination of APAR (ICSF) and ECA (TKE hardware/software). With the new TKE being shipped the ECA is included, however, the associated APAR is not shipped since it applies to OS/390 ICSF software. There is no mechanism to tell the customer he needs to install the ICSF APAR.

Symptom:

If the TKE workstation is at level 3.1 and the APAR is not installed, the following error will be seen on the TKE workstation when you try to LOGON to the Host:

```
Program    CSFTHTP3
Location   ProcessMessage -1

Error Type    11
Return Code   3
Reason Code   0

Detailed Message - Invalid message type
```

Background of the Problem:

In December 2000 APAR OW46381 was released for FMIDs HCRP210, HCRP220, HCRP230, and HCR7703. These FMIDs are associated with the different levels of OS/390 ICSF across Version 2 beginning with Release 6 and ending with Release 10 and z/OS ICSF. This APAR was needed for Access Control Point support in the TKE DEFAULT role on the existing TKE V3.0 Workstations. While other functions were also included in this APAR, it is the Access Control support which also requires TKE hardware changes. ECA 186 was released in February 2001 to provide the TKE Workstation V3.1 code needed for access control support.

The EC was needed if you were an existing TKE V3.0 customer. Both the APAR and the ECA pointed to each other as a co-req. Existing TKE customers were notified of the ECA thru an ECA Notice sent to the field. New TKE workstations at the V3.1 level were built with the access control support starting last December.

The problem can be seen on first-time orders of a TKE V3.1 workstation. The ECA does not need to be installed because that is the level that new workstations are being built at in manufacturing. Even though the installation doesn't need the ECA, system programming DOES need to apply the OS/390 ICSF APAR for the appropriate release.

APAR OW46381 applies to ICSF 2.3, available on OS/390 V2R9, and ICSF 2.4, available on OS/390 V2R10. The PTF list by ICSF release is

```
Release 210 - HCRP210 : UW76268 - OS/390 V2R1/R2/R3/R4/R5
Release 220 - HCRP220 : UW76269 - OS/390 V2R6/R7/R8
Release 230 - HCRP230 : UW76270 - OS/390 V2R9
Release 703 - HCR7703 : UW76271 - OS/390 V2R10 and z/OS V1R1
```

Bottomline: If you have a TKE Workstation, check for its level. If TKE V3.1, verify the presence of the ICSF APAR for your operating system.