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IBM z/OS HCD & HCM

Newsletter No 16



New HCD functions in OS/390 R 3

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! F1=Help	F2=Split	F3=Exit	F5=Reset	F7=Backward	!
! F8=Forward	F9=Swap	F12=Cancel	F22=Command		!
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New Volume Data

As a new data field for devices, the volume serial number (VOLSER) can now be defined. They are displayed in the I/O Device List panels and listed in the Device Summary Report.

This data is also consolidated with the volume serial numbers that might have been already stored in the configuration file of Hardware Configuration Manager (HCM).

Support of Multiple Switch Control Units

In the previous releases, HCD only allowed defining one switch control unit and device to port FE of the ESCON director. However, customers require to address the switch from different processors with different device numbers or to overcome the logical path limitation by defining more than one control unit. To be able to do that, the additional switch control units and devices had to be defined for the Channel Subsystem (IOCP) but could not be connected to the switch in HCD.

Now, HCD allows defining multiple control units/devices on port FE of the switch.

Control Placement of Generated Output Data Sets

New HCD profile options have been provided to control the placement of generated output data sets by the HCD user. A output volume can now be specified for the following data sets that are generated by HCD:

- the IOCP data set
- the JES3 Init Stream Checker Data data set, and
- the HCPRIO data set.

These options are not in effect for SMS controlled environments. Also, existing data sets are replaced on the old volume.

Usability Enhancements

PF3 Consolidation:

PF3 (EXIT) has been made available now on **all** HCD panels. Those include context menus, view panels, confirmation panels, utility and filter panels. Pressing PF3 will leave such a panel without performing an action (like PF12 = CANCEL).

The behavior of PF3 on HCD panels where PF3 was available before has been left unchanged.

Thus, the PF3 handling in HCD is now consistent to other ISPF applications.

Replacement of a Production IODF:

An existing IODF can now be replaced when building a new production IODF. Invoking the Confirm Delete IODF dialog implicitly frees the user from the burden to switch to the Delete IODF dialog first to get rid of an old IODF in order to build a new production IODF.

Miscellaneous

On the sysplex-wide activate panels the default for Activate TEST has been changed from No to Yes.

Conditional assembly statements are now supported in the IOCP/MVSCP migration input data sets.

The information which channel paths, control units and devices are affected by a full dynamic changes was already given when specifying TEST provided the HCD profile option SHOW_IO_CHANGES = YES was set. This information is now also given with the ACTIVATE TEST command.

Hardware Support

The following hardware support is integrated into OS/390 Release 3 HCD and has been made available via Small Programm Enhancements (SPEs) to back-level releases of HCD:

With SPE OW19299 HCD supports the IBM S/390 Parallel Enterprise Server - Generation 3 (9672 R4 models), the IBM S/390 Coupling Facility 9674 Model C04 and the IBM S/390 Multiprise 2000 models.

To ease upgrading a processor type, the Change Processor dialog has been changed. Each time when a Change action is applied to a processor, the Update Channel Path Identifier panel is shown. It allows rearranging the channel path identifiers. This is different to the old behavior when the panel was only displayed when the processor changed to a new support level or a new processor type that has been defined in a different processor support module. The panel now allows the user to move ranges of channel paths.

PTF Numbers
SPE OW19299 has been made available via following PTFs:
HCD R.2 UW90253 (Base)
HCD R.3 UW90254 (Base)
HCD 5.1 UW90255 (Base) UW31495 (English) UW31496 (Japanese)
HCD 5.2 UW90256 (Base) UW31497 (English) UW31498 (Japanese)

With SPE OW23214 HCD supports the Turbo model 9672 RY4.

PTF Numbers
SPE OW23214 has been made available via following PTFs:
HCD R.2 UW90385 (Base)
HCD R.3 UW90386 (Base)

HCD 5.1 UW90387 (Base)
HCD 5.2 UW90388 (Base)

SPE OW19301 supports the Internal System Device of the IBM S/390 Multiprise 2000 via the ISD channel path type.

PTF Numbers
SPE OW19301 has been made available via following PTFs:
HCD 5.1 UW90279 (Base) UW90297 (English) UW90251 (Japanese)
HCD 5.2 UW90252 (Base) UW90372 (English) UW90373 (Japanese)

[HCM Support](#)

With Service Level 10, Hardware Configuration Manager (HCM) supports the OS/390 1.3 HCD functions for the new VOLSER data and the multiple switch control unit support.

PTF Numbers
The service update (APAR IR34215) has been made available via following PTFs:
HCM SL10 UR90287 (Base) UR90288 (English)

[HCD and HCM are On-line](#)

HCD and HCM have their own home page on the world wide web. The pages provide:

- Product information including the ability to download demo diskettes, tutorial package, or the HCM User's Guide updates
- Hints and tips on configuration management
- Frequently asked questions (FAQs)
- All HCD/HCM Newsletters
- and more

So, don't miss to visit our homepage:

<http://www.ibm.com/servers/eserver/zseries/zos/hcm/>

[HCD / HCM home page](#)