

Faster processing turnaround

IPCP 5.0 improves performance of IPCP command requests in large enterprises. Enhanced notification processing between IPCP batch and IPCP in CICS significantly reduces the time to complete a batch step. This enhanced notification scheme requires the IPCP program IPCP0062, which functions as a task-related user exit.

Send commands to more CICS regions at the same time

Resource list options for the CICS CC command allow users to enter CICS CC ONLYLIST, ADDLIST, and NOTLIST commands to build a composite target group of CICSIDs to process the command list. This feature allows a single IPCP batch job step to route commands to more than seven CICS IDs.

Better serialization of batch jobs

Enhanced serialization of the IPCP command data set means that IPCP batch job steps process in FIFO order according to their execution sequence. This serialization requires subtask IPCPBTNQ to be added to the IPCPBTCH program to manage the data set serialization.

A unified IPCM menu item to manage resources

The IPCP Resource Manager, an online IPCM option, combines the functions of IPCM options 1, 4, and 5 into a single display. The display supports advanced search and filtering features to quickly focus on target resources.

Improved self-maintenance of restart data

For IPCP restart records that have not experienced a status change in a specified period of time, the automatic purge feature Auto Purge removes them from the command data set without manual intervention. This helps eliminate restart data for CICS resources that have been retired from users' systems.

Better control of the optional IPCP SVC

The IPCP user SVC number is configurable in IPCP systems. In previous versions, IPCP would scan the user SVC table to locate its SVC number. Occasionally, this led to problems that could cause the CICS to fail. IPCP 5.0 requires the user to specify the SVC number before IPCP attempts to access the SVC, and IPCP verifies the status of the SVC before it attempts to invoke it.

More control of the user ID that IPCP will use in CICS

In previous versions of IPCP, when the IPCI transaction was used to manually start the IPCP process, the IPCPMAIN task would inherit the SAF security profile of the user issuing the IPCI transaction. Depending upon the authorizations of that user, IPCPMAIN could be activated without the necessary authorizations to perform its tasks. In IPCP 5.0, administrators can assign the security profile to IPCP when it is started manually.

Multiple transaction IDs

Up to three transaction IDs can be defined for IPCP to initiate after CICS startup.

Improved handling of file allocations

When requesting IPCP to perform SVC 99 allocations, the ALLS command parameter LOC= is available to control at the command level where the DD is to be allocated: above the 16-megabyte line in the extended TIOT or below the 16-megabyte line in the TIOT.

Verify integrity of the IPCP command data set

An IPCP batch recovery utility will analyze, restore, or repair a damaged IPCP command data set while IPCP remains deployed in the production system.

For more information about IPCP Plus, please visit sdsusa.com/cics-management/ipcp-plus/