

Network and Job Accounting Data

This subsection covers the following topics:

- Selecting Accounting Data
- Field Descriptions: Date / Run Number Selection
- Column Headings: Job Accounting Data

Selecting Accounting Data

The option Accounting Data on the Reporting Menu offers information on job elapsed times and CPU times of previous network executions.

To select Accounting Data

1. Type its option number in the Option field on the Reporting Menu. Press Enter.

A window opens in which you can enter the owner, network and job for which to display information:

```

14.11.01                *** Entire Operations 4.1.1 ***                10:59:31
Owner EXAMPLE +-----+
-----+
!
! Job Accounting Data: Selection
!
! Reportin
!
! Owner.....: UKSJU_____ (Blank for all, * for selection
1 Log - Te ! Network....: W>_____ or * and PF4 to process all
2 Log - Ab ! Job.....: _____ matching objects)
3 Log - Jo !
4 Accounti !
5 Network ! Destination: 1
6 Network ! 1 - Screen 2 - Printer 3 - PC 4 - PC-CSV
7 Network !
8 Network ! Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---
9 Schedule ! Help End Apply Accpt
10 Network +-----+
11 Network Schedule Overview
12 Activation Overview

Command => 4_____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
Help End Old Menu
    
```

This example will display accounting data for all jobs in networks with names greater than W, under owner UKSJU.

Press PF4 or PF5 to select the date, time and run number ranges:


```

02.11.01          *** Entire Operations 4.1.1 ***          17:14:42
Owner EXAMPLE +-----+-----+ GHH
----- !
!          Job Accounting Data: Selection          !
! Reportin ! !
! Owner   ==> EXAMPLE__ !
1 Log - Te ! Network ==> E60-FLOW__ !
2 Log - Ab ! Job      ==> _____ (empty: whole network) !
3 Log - Jo ! !
4 Accounti ! PF3 End !
5 Network +-----+-----+
6 Network Description (detailed)
7 Network +-----+-----+
8 Schedule ! !
9 Network ! Owner EXAMPLE Network E60-FLOW !
10 Network !          Date / Run Number Selection !
! !
! From Date 01.11.01 00:00 to 02.11.01 17:14 !
! From Run  1_____ to 99999 !
! !
Command => 4_ ! PF3 End !
Enter-PF1---PF +-----+-----+ ---PF12---
Help          End          Menu
    
```

Field Descriptions: Date / Run Number Selection

The input fields of the Date / Run Number Selection window are described in the following table:

Field	Description
From Date	Enter the date and time from which to display accounting data.
to	Enter the date and time until which to display accounting data.
From Run ... to	Enter the range of run numbers for which to display accounting data.

3. Enter the required dates, times and run ranges. Press Enter.

The following screen appears with the job accounting data:

```

02.11.01          *** Entire Operations 4.1.1 ***          17:17:10
Owner  EXAMPLE          Job Accounting Data          Network E60-FLOW
-----
Job      Run  JobId  Date      Start      Stop      Elapsed min CPU Time sec
JOB-01   1234  2007  01.11.01  13:14:06  13:15:06      1.00      0.05
JOB-019  1234  2012          13:15:27  13:17:27      2.00      0.02
(Network) 1234          13:14:06  13:17:27      3.35      0.07

JOB-01   1276  2332  02.11.01  13:01:08  13:02:08      1.00      0.05
JOB-012  1276  2336          13:02:28  13:04:28      2.00      0.03
JOB-019  1276  2337          13:02:30  13:04:30      2.00      0.03
JOB-013  1276  2340          13:04:44  13:06:44      2.00      0.03
JOB-014  1276  2349          13:07:00  13:19:01     12.01      0.10
JOB-015  1276          13:19:06  13:19:06
JOB-02   1276  2394          13:19:10  13:20:10      1.00      0.05
JOB-03   1276          13:20:36  13:20:37      0.01
JOB-04   1276  2410          13:20:39  13:22:40      2.01      0.03
JOB-05   1276          13:23:00  13:23:00

Averages from 01.11.01 13:14 to 02.11.01 13:23 are          2.09      0.03
***** More *****
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
          End  Net          Up  Down
    
```

Column Headings: Job Accounting Data

The following table explains the column headings for the data listed on the Network Maintenance screen:

Column	Description
Job	Job name as defined to Entire Operations.
Run	Run number of the job
JobId	Job identifier from operating system.
Date	Date on which job started.
Start	Time at which job started.
Stop	Time at which job ended.
Elapsed min	Elapsed time in minutes.
CPU Time sec	CPU time in seconds.
Averages from ... to ... are	Average values of Elapsed min and CPU Time sec.

The (Network) records in the Job column are network summary records. These contain the start time of the network’s first job and the stop time of its last job, as well as its cumulative CPU time in seconds and its total elapsed time in minutes.

4. Press PF8 (Down) to scroll data forwards and PF7 (Up) to scroll backwards.
5. Press PF3 (End) to return to the Reporting Menu.

Note:

Running times and CPU times of dummy jobs are not taken account of in this evaluation.

Special PF Keys

Key	Name	Function
PF3	End	Return to the Job Accounting Data: Selection window.
PF4	Net	Toggle between job accounting data and network summary accounting data (see below).
PF7	Up	Display previous screen of data for this network.
PF8	Down	Display next screen of data for this network. If the last screen is already displayed (Bottom of Data shows instead of More), PF8 is named Next and displays the first screen for the next network. If there are no more networks matching the selection criteria, you are returned to the Job Accounting Data: Selection window.
PF12	Menu	Return to the Entire Operations main menu.