

## Using IBM i (i5/OS) menu driven interface

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- IBM intranet:  
<http://w3.ibm.com/support/techdocs/atmastr.nsf/WebIndex/WP100357>
- Business Partners:  
<http://partners.boulder.ibm.com/src/atmastr.nsf/WebIndex/WP100357>
- IBM WWW:  
<http://www.ibm.com/support/techdocs/atmastr.nsf/WebIndex/WP100357>

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Three reports are needed as input to Disk Magic for best results. Use the following steps to create these reports.

From a command line, navigate to the Performance Tools for i5/OS menu by issuing the command “**go perform**”

The resulting display will be

```
PERFORM                IBM Performance Tools for i5/OS                System:  SYSNAM
Select one of the following:
    1. Select type of status
    2. Collect performance data
    3. Print performance report
    5. Performance utilities
    6. Configure and manage tools
    7. Display performance data
    8. System activity
    9. Performance graphics
   10. Advisor
   70. Related commands
Selection or command
=>
F3=Exit  F4=Prompt  F9=Retrieve  F12=Cancel  F13=Information Assistant
F16=System main menu
(C) COPYRIGHT IBM CORP. 1981, 2007.
```

Select option **3. Print performance report.**

The resulting display will appear similar to

```

Print Performance Report - Sample data

Library . . . . . QPFRDATA

Type option, press Enter.
  1=System report  2=Component report  3=Job report  4=Pool report
  5=Resource report

Option  Member      Text                Date      Time
-----  -
      Q323000002  IN USE             11/17/08  23:00:02
      Q322000002             11/16/08  23:00:02
      Q321101009             11/16/08  09:10:09
      Q321000002             11/15/08  23:00:02
      Q320000002             11/14/08  23:00:02
      Q319000002             11/13/08  23:00:02
      Q318000002             11/12/08  23:00:02
      Q317000002             11/11/08  23:00:02
      Q316000002             11/10/08  23:00:02
      Q315000002             11/09/08  23:00:02
                                     More...

F3=Exit  F5=Refresh  F11=Work with your spooled output files  F12=Cancel
F15=Sort by member  F16=Sort by text
    
```

If you do not see "IN USE" in the text column, it means either

- You are not currently collection performance data, or
- Performance data is directed to a library other than QPFRDATA.

In many cases, performance data is directed to the library QMPGDATA. You can overkey QPFRDATA with QMPGDATA and press the enter key to determine if this is the case.

## Producing the System Report

Next to the member you wish to create reports for key a **1**.

```

Print Performance Report - Sample data

Library . . . . . QPFRDATA

Type option, press Enter.
 1=System report  2=Component report  3=Job report  4=Pool report
 5=Resource report

Option  Member      Text                Date      Time
-----  -
 1      Q32500002    IN USE             11/19/08  23:00:02
-       Q32400003             11/18/08  23:00:03
-       Q32300002             11/17/08  23:00:02
-       Q32200002             11/16/08  23:00:02
-       Q321101009          11/16/08  09:10:09
-       Q32100002             11/15/08  23:00:02
-       Q32000002             11/14/08  23:00:02
-       Q31900002             11/13/08  23:00:02
-       Q31800002             11/12/08  23:00:02
-       Q31700002             11/11/08  23:00:02
                                           More...
F3=Exit  F5=Refresh  F11=Work with your spooled output files  F12=Cancel
F15=Sort by member  F16=Sort by text
    
```

Select the Storage Pool Utilization and Disk Utilization sections.

```

Select Sections for Report

Member . . . . . : Q32400003

Type options, press Enter.  Press F6 to print entire report.
 1=Select

Option  Section
-----  -
-       Workload
-       Resource Utilization
-       Resource Utilization Expansion
 1      Storage Pool Utilization
 1      Disk Utilization
-       Communication Summary
-       TCP/IP Summary
-       HTTP Server Summary
-       Logical Partitions Summary

                                           Bottom

F3=Exit  F6=Print entire report  F12=Cancel
    
```

Press F6 to include all categories.

```

                                Select Categories for Report

Member . . . . . : Q32400003

Type options, press Enter. Press F6 to print entire report.
  1=Select

Option   Category
-        Time interval
-        Job
-        User ID
-        Subsystem
-        Pool
-        Communications line
-        Control unit
-        Functional area

                                                Bottom

F3=Exit  F6=Print entire report  F12=Cancel
```

Optional: include descriptive text for the report title.

```

                                Specify Report Options

Type choices, press Enter.

Report title . . . . sample report

Start:
  Day . . . . . *FIRST          *FIRST, MM/DD/YY
  Time . . . . . *FIRST         *FIRST, HH:MM:SS

Stop:
  Day . . . . . *LAST           *LAST, MM/DD/YY
  Time . . . . . *LAST          *LAST, HH:MM:SS

Job description . . QFFRJOB      Name, *NONE
Library . . . . . *LIBL         Name, *LIBL, *CURLIB

F3=Exit  F12=Cancel
```

You will be returned to the Print Performance Report - Sample Data panel with a message as shown below.

```

Print Performance Report - Sample data

Library . . . . . QPFRDATA

Type option, press Enter.
  1=System report  2=Component report  3=Job report  4=Pool report
  5=Resource report

Option  Member      Text                Date      Time
-      Q325000002  IN USE             11/19/08  23:00:02
-      Q324000003             11/18/08  23:00:03
-      Q323000002             11/17/08  23:00:02
-      Q322000002             11/16/08  23:00:02
-      Q321101009             11/16/08  09:10:09
-      Q321000002             11/15/08  23:00:02
-      Q320000002             11/14/08  23:00:02
-      Q319000002             11/13/08  23:00:02
-      Q318000002             11/12/08  23:00:02
-      Q317000002             11/11/08  23:00:02
                                           More...
F3=Exit  F5=Refresh  F11=Work with your spooled output files  F12=Cancel
F15=Sort by member  F16=Sort by text
Job 094667/USERNAME/PRTSYSRPT submitted to job queue QBATCH in library QGPL.
    
```

## Producing the Component Report

Next to the member you wish to create reports for key a **2**.

```

Print Performance Report - Sample data

Library . . . . . QPFRDATA

Type option, press Enter.
  1=System report  2=Component report  3=Job report  4=Pool report
  5=Resource report

Option  Member      Text                Date      Time
-----  -
  2     Q325000002      IN USE          11/19/08  23:00:02
  -     Q324000003                11/18/08  23:00:03
  -     Q323000002                11/17/08  23:00:02
  -     Q322000002                11/16/08  23:00:02
  -     Q321101009                11/16/08  09:10:09
  -     Q321000002                11/15/08  23:00:02
  -     Q320000002                11/14/08  23:00:02
  -     Q319000002                11/13/08  23:00:02
  -     Q318000002                11/12/08  23:00:02
  -     Q317000002                11/11/08  23:00:02
                                           More...

F3=Exit  F5=Refresh  F11=Work with your spooled output files  F12=Cancel
F15=Sort by member  F16=Sort by text
    
```

Select the Disk Activity section.

```

                          Select Sections for Report

Member . . . . . : Q324000003

Type options, press Enter.  Press F6 to print entire report.
  1=Select

Option  Section
-----  -
  -     Component Interval Activity
  -     Job Workload Activity
  -     Storage Pool Activity
  1     Disk Activity
  -     IOP Utilizations
  -     Local Work Stations
  -     Remote Work Stations
  -     Exception Occurrence
  -     Data Base Journaling Summary
  -     TCP/IP Activity
  -     HTTP Server Activity
  -     Domino Server Activity

                                           Bottom

F3=Exit  F6=Print entire report  F12=Cancel
    
```

Press F6 to include all categories.

```

                                Select Categories for Report

Member . . . . . : Q32400003

Type options, press Enter. Press F6 to print entire report.
  1=Select

Option   Category
-        Time interval
-        Job
-        User ID
-        Subsystem
-        Pool
-        Communications line
-        Control unit
-        Functional area

                                                Bottom

F3=Exit  F6=Print entire report  F12=Cancel
    
```

Optional: include descriptive text for the report title.

```

                                Specify Report Options

Type choices, press Enter.

Report title . . . . sample report

Start:
  Day . . . . . *FIRST           *FIRST, MM/DD/YY
  Time . . . . . *FIRST          *FIRST, HH:MM:SS

Stop:
  Day . . . . . *LAST            *LAST, MM/DD/YY
  Time . . . . . *LAST          *LAST, HH:MM:SS

Job description . . QPFRJOB       Name, *NONE
Library . . . . . *LIBL         Name, *LIBL, *CURLIB

F3=Exit  F12=Cancel
    
```

You will be returned to the Print Performance Report - Sample Data panel with a message as shown below.

```
Print Performance Report - Sample data

Library . . . . . QPFRDATA

Type option, press Enter.
  1=System report  2=Component report  3=Job report  4=Pool report
  5=Resource report

Option  Member      Text                Date      Time
-      -
-      Q325000002      IN USE             11/19/08  23:00:02
-      Q324000003             11/18/08  23:00:03
-      Q323000002             11/17/08  23:00:02
-      Q322000002             11/16/08  23:00:02
-      Q321101009             11/16/08  09:10:09
-      Q321000002             11/15/08  23:00:02
-      Q320000002             11/14/08  23:00:02
-      Q319000002             11/13/08  23:00:02
-      Q318000002             11/12/08  23:00:02
-      Q317000002             11/11/08  23:00:02
-
More...
F3=Exit  F5=Refresh  F11=Work with your spooled output files  F12=Cancel
F15=Sort by member  F16=Sort by text
Job 094667/USERNAME/PRTCPTIRPT submitted to job queue QBATCH in library QGPL.
```



## Producing the Resource Report

Next to the member you wish to create reports for key a **5**.

```

Print Performance Report - Sample data

Library . . . . . QPFRDATA

Type option, press Enter.
 1=System report  2=Component report  3=Job report  4=Pool report
 5=Resource report

Option  Member      Text                Date      Time
-----  -
 5      Q32500002      IN USE            11/19/08  23:00:02
-       Q32400003                11/18/08  23:00:03
-       Q32300002                11/17/08  23:00:02
-       Q32200002                11/16/08  23:00:02
-       Q321101009               11/16/08  09:10:09
-       Q32100002                11/15/08  23:00:02
-       Q32000002                11/14/08  23:00:02
-       Q31900002                11/13/08  23:00:02
-       Q31800002                11/12/08  23:00:02
-       Q31700002                11/11/08  23:00:02
                                           More...

F3=Exit  F5=Refresh  F11=Work with your spooled output files  F12=Cancel
F15=Sort by member  F16=Sort by text
    
```

Select the Disk Activity section.

```

                          Select Sections for Report

Member . . . . . : Q32400003

Type options, press Enter.  Press F6 to print entire report.
 1=Select

Option  Section
 1      Disk Utilization
-       Communications Line Detail
-       IOP Utilizations
-       Local Work Station
-       Remote Work Station

                                           Bottom

F3=Exit  F6=Print entire report  F12=Cancel
    
```

Press F6 to include all categories.

```
                                Select Categories for Report

Member . . . . . : Q32400003

Type options, press Enter. Press F6 to print entire report.
  1=Select

Option   Category
  -      Time interval

                                                Bottom

F3=Exit  F6=Print entire report  F12=Cancel
```

Optional: include descriptive text for the report title.

```
                                Specify Report Options

Type choices, press Enter.

Report title . . . . sample report

Start:
  Day . . . . . *FIRST           *FIRST, MM/DD/YY
  Time . . . . . *FIRST          *FIRST, HH:MM:SS

Stop:
  Day . . . . . *LAST            *LAST, MM/DD/YY
  Time . . . . . *LAST          *LAST, HH:MM:SS

Job description . . QFFRJOB       Name, *NONE
Library . . . . . *LIBL         Name, *LIBL, *CURLIB

F3=Exit  F12=Cancel
```

You will be returned to the Print Performance Report - Sample Data panel with a message as shown below.

```

Print Performance Report - Sample data

Library . . . . . QPFRDATA

Type option, press Enter.
  1=System report  2=Component report  3=Job report  4=Pool report
  5=Resource report

Option  Member      Text                Date      Time
-      Q325000002  IN USE             11/19/08  23:00:02
-      Q324000003             11/18/08  23:00:03
-      Q323000002             11/17/08  23:00:02
-      Q322000002             11/16/08  23:00:02
-      Q321101009             11/16/08  09:10:09
-      Q321000002             11/15/08  23:00:02
-      Q320000002             11/14/08  23:00:02
-      Q319000002             11/13/08  23:00:02
-      Q318000002             11/12/08  23:00:02
-      Q317000002             11/11/08  23:00:02
                                           More...
F3=Exit  F5=Refresh  F11=Work with your spooled output files  F12=Cancel
F15=Sort by member  F16=Sort by text
Job 094667/USERNAME/PRTRSCRIPT submitted to job queue QBATCH in library QGPL.
    
```

