

# IBM Program usage and installation report instructions

## Informix Dynamic Server Help Guide

Note: To determine which version of Informix is running please follow one of the three methods described in IBM's official website for more information: <http://www-01.ibm.com/support/docview.wss?uid=swg21389048>

Please see below the additional help in collecting deployment information for your IBM Software. (You may need to zoom in to more easily view the screenshots.)

### [Definitions and measurements for common Informix licensing models](#)

#### [Informix Dynamic Server V11 or higher](#)

#### [Informix Dynamic Server V9.24](#)

#### [Informix Dynamic Server V9.21 or older](#)

## Definitions and measurements for common Informix licensing models:

Servers	
Informix Dynamic Server Enterprise Edition (v 9.24, v 10)	Onstat-u  select sh_curmaxcons RESULT_A, sh_ovlmaxcons RESULT_B from sysmaster:sysshmvals
Informix Dynamic Server Workgroup Edition (v 9, v 10)	Onstat-u  select sh_curmaxcons RESULT_A, sh_ovlmaxcons RESULT_B from sysmaster:sysshmvals
Informix Dynamic Server (all flavors) (V9.24 or below)	Note: To be run as Cron job in 15 minute intervals  select count(*) from sysmaster:sysrstcb where sysmaster:bitval(flags,1)>0 and sysmaster:bitval(flags,'0x80000')!=0 and sysmaster:bitval(flags,'0x200')==0 and sysmaster:bitval(flags,'0x40')==0 and sysmaster:bitval(flags,'0x80')==0 and sysmaster:bitval(flags,'0x2000')==0 and sysmaster:bitval(flags,'0x00000400')==0 and sysmaster:bitval(flags,'0x00004000')==0 and sysmaster:bitval(flags,'0x00100000')==0 and sysmaster:bitval(flags,'0x00200000')==0 and sysmaster:bitval(flags,'0x04000000')==0 and flags < '0x20000000'
Informix Dynamic Server Enterprise Edition (v 7)	onstat -u
Informix Dynamic Server Workgroup Edition (v 7)	onstat -u
Informix Online (V5)	tbstat -u
Informix SE (V5, V7)	ps -ef   grep sqlexec

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### Development Tools

Informix 4GL Compiler (V4, V7)	ps -ef   grep .4ge
Informix 4GL RDS (V4, V7)	ps -ef   grep .4gi
Informix SQL (V4, V7)	ps -ef   grep isql

## Informix Dynamic Server V11 or higher

Please see below the Informix Dynamic Server >=11 Help Section

1. Please provide a text file containing output of:

a. select \* from sysmaster:syslicenseinfo

```
IBM Informix Dynamic Server Version 11.50.FC5W2 -- On-Line -- Up 21 days
23:37:39 -- 3973488 Kbytes
```

#### Userthreads

address	flags	sessid	user	tty	wait	tout	locks	nreads	nwrites
c000000127fa2030	---P--D	1	informix	-	0	0	0	1968	38439
c000000127fa2880	---P--F	0	informix	-	0	0	0	0	65763
c000000127fa30d0	---P--F	0	informix	-	0	0	0	0	50410
c000000127fa3920	---P--F	0	informix	-	0	0	0	0	26869
c000000127fa4170	---P--F	0	informix	-	0	0	0	0	29186
c000000127fa49c0	---P---	9	informix	-	0	0	0	0	0
c000000127fa5210	---P--B	10	informix	-	0	0	0	206765	1521
c000000127fa5a60	---P--F	0	informix	-	0	0	0	0	22216
c000000127fa62b0	---P--D	14	informix	-	0	0	0	23	0
c000000127fa6b00	---P--D	13	informix	-	0	0	0	0	0
c000000127fa7350	---PR--	1129	informix	-	0	0	1	76	0
c000000127fa7ba0	---P---	20	informix	-	0	0	1	7	0
c000000127fa83f0	---P---	24	informix	-	0	0	1	321	4321
c000000127fa8c40	Y--P--D	19	informix	-	c000000412764838	0	0	0	0
c000000127fa9490	---P---	22	informix	-	0	0	0	0	0
c000000127fa9ce0	---P---	25	informix	-	0	0	1	7810	25450
c000000127faa530	---P---	26	informix	-	0	0	1	3964	34207

17 active, 128 total, 46 maximum concurrent

## Informix Dynamic Server V9.24

Please see below the Informix Dynamic Server >=V9.24 Help Section

### Informix Submission Requirement Sample Output

1. Please provide a text file containing output of:

a. SELECT sh\_curmaxcons CURRENT\_MAX\_SESSIONS, sh\_ovlmaxcons  
OVERALL\_MAX\_SESSIONS FROM sysmaster:sysshmvals

CURRENT_MAX_SESSIONS	OVERALL_MAX_SESSIONS
87	100

- b. onstat -u
- c. cat .snfile in \$INFORMIXDIR/etc.
- d. onconfig

## Informix Dynamic Server V9.21 or older

1. Provide a text file containing output of the cron job executing every 15 minutes for 7 business days (incl. time and date stamp on each output) for a) and b):

a. 

```
select count(*) from sysmaster:sysrstcb
  where sysmaster:bitval(flags,1)>0
  and sysmaster:bitval(flags,'0x80000')!=0
  and sysmaster:bitval(flags,'0x200')==0
  and sysmaster:bitval(flags,'0x40')==0
  and sysmaster:bitval(flags,'0x80')==0
  and sysmaster:bitval(flags,'0x2000')==0
  and sysmaster:bitval(flags,'0x00000400')==0
  and sysmaster:bitval(flags,'0x00004000')==0
  and sysmaster:bitval(flags,'0x00100000')==0
  and sysmaster:bitval(flags,'0x00200000')==0
  and sysmaster:bitval(flags,'0x04000000')==0
  and flags < '0x20000000'
```

### Sample Output:

```
Database selected.
  (count(*))
                                     13
1 row(s) retrieved.
Database closed.

Database selected.
  (count(*))
                                     13
1 row(s) retrieved.
Database closed.

Database selected.
  (count(*))
                                     13
1 row(s) retrieved.
Database closed.
```

b. onstat -u  
c. cat .snfile in \$INFORMIXDIR/etc./  
d. onconfig

### Additional resources

[IBM Informix License Information \(all\)](#)