

IBBLOK

This command allows you to monitor and control the use of Internet Buffer Blocks (IBBLOKs).

Syntax: IBBLOK [{RELEase|RESET|CLear}] [, {SIZE=num|,MTU=num}] [, FREE=num]
[,STORage=num|PERcent=percent]

- Arguments:
- Null* - If no arguments are specified, the current values and statistics are displayed.
 - RELEase - Causes all IBBLOKs that are not currently in use to be freed.
 - RESET - Causes statistics on IBBLOK usage to be reset.
 - CLear - Causes previously made IBBLOK settings to be cleared.
 - SIZE= - Mutually exclusive with MTU=. This is used to select a specifically-sized IBBLOK to be referenced by the FREE= parameter.
 - MTU= - Mutually exclusive with SIZE=. This is used to select a specifically-sized IBBLOK by the MTU size of the data it can contain, to be referenced by the FREE= parameter.
 - FREE= - Used in conjunction with either the SIZE= or MTU= parameter, FREE specifies the maximum number of IBBLOKs of a particular size that will be retained when empty. Any empty IBBLOKs in excess of this value will be freed automatically. Values may range from 0 through 1000.

Note that IBBLOKs are sized in increments of 128 bytes.
 - STORage= - Mutually exclusive with PERCENT=, this parameter allows you to set a maximum size value for IBBLOKs. You should be careful not to under specify this value, since unavailability of IBBLOKs will cause connection failure. Values may range from 20 through 1,000,000
 - PERcent= - Mutually exclusive with STORAGE=, this parameter allows you to specify the percent of partition 31-bit GETVIS to be allowed for IBBLOK allocation. Values may range between 5 and 100.
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IBBLOK (continued)

Example:

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IPN237I ibblok
IPN253I << TCP/IP IBBLOK Activity >>
IPN896I Counts - Current: 47 Peak: 86 Failed: 0
IPN897I Space - Current: 36k Peak: 109k Max: 51,092k (127%)
IPN889I Size: 384 MTU: 64 Free: 24/50 Hits: 4,465 Misses: 24
IPN889I Size: 512 MTU: 192 Free: 4/20 Hits: 569 Misses: 4
IPN889I Size: 640 MTU: 320 Free: 2/20 Hits: 54 Misses: 2
IPN889I Size: 768 MTU: 448 Free: 1/20 Hits: 24 Misses: 1
IPN889I Size: 896 MTU: 576 Free: 1/20 Hits: 12 Misses: 1
IPN889I Size: 1,024 MTU: 704 Free: 2/20 Hits: 20 Misses: 2
IPN889I Size: 1,152 MTU: 832 Free: 1/20 Hits: 32 Misses: 1
IPN889I Size: 1,280 MTU: 960 Free: 3/20 Hits: 32 Misses: 3
IPN889I Size: 1,408 MTU: 1,088 Free: 1/20 Hits: 31 Misses: 1
IPN889I Size: 1,536 MTU: 1,216 Free: 1/20 Hits: 32 Misses: 1
IPN889I Size: 1,664 MTU: 1,344 Free: 1/20 Hits: 7 Misses: 1
IPN889I Size: 1,792 MTU: 1,472 Free: 1/20 Hits: 1 Misses: 1
IPN889I Size: 1,920 MTU: 1,600 Free: 5/5 Hits: 2,892 Misses: 2,679
IPN889I Size: 64K+ MTU: -- Free: 0/0 Hits: 0 Misses: 0
```

Related	QUERY IBBLOKS	- Displays IBBLOK settings and statistics
Commands:	QUERY STORAGE	- Displays detailed information on memory use.
