

# MODIFY LOG

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Messages are written to the console and one or more log files. This command allows you to change the characteristics of a log.

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Syntax: `MODify LOG ID=id [,LINELength=num] [,TIMEstamp={Left|Right|None}]  
[,routes]`

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Arguments: ID= - The ID that identifies the log to be modified. CONSOLE and SYSLST are automatically defined.

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LINELength= - This value indicates the maximum line length to be written. When a line exceeds this length, it is broken at a blank and a continuation character (>) is appended. Valid values are 40 through 132.

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TIMEstamp= - Value: Left Right None This value controls where the date and timestamp are placed on each line.

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*routes* - Optional values indicate message levels that added to or subtracted from the list of types to be logged. Note that the list will be processed from left to right, so specifying "ALL NODIAG" will ensure that everything but diagnostic messages are written to this log.

[NO]CRITICAL - Messages of a critical nature will be logged/suppressed.

[NO]VITAL - Messages of vital nature will be logged/suppressed.

[NO]WARNING - Warning messages will be logged/suppressed.

[NO]IMPORTANT - Important messages will be logged/suppressed.

[NO]INFORMATIONAL - General informational message will be logged/suppressed.

[NO]RESPONSE - Responses to commands will be logged/suppressed.

[NO]DIAGNOSE - Messages produced in response to the DIAGNOSE command will be logged/suppressed. Note that these messages can be both voluminous and rapid.

[NO]SECURITY - Messages related to security will be logged/suppressed.

ALL - All message types will be logged.

NONE - No messages will be logged.

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## MODIFY LOG *(continued)*

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Example:

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IPN237I define log,id=sys007,type=printer,lu=sys007,linel=132
IPN237I modify log,id=syslst,all,noresp,nosecurity
IPN237I modify log,id=console,all,nodiag
IPN237I modify log,id=sys007,none,resp,security
IPN237I query logs
IPN253I << TCP/IP Console Logs >>
IPT240I CONSOLE on CONSOLE
IPT241I   Line Length: 65 Lines per page: 0 Timestamp: None
IPT242I   Total lines: 0 Total pages: 0
IPT243I   Logging:   Critical Vital Warning Important Info Response Security
IPT240I SYSLST on SYSLST
IPT241I   Line Length: 132 Lines per page: 86 Timestamp: Left
IPT242I   Total lines: 300 Total pages: 0
IPT243I   Logging:   Critical Vital Warning Important Info Diag
IPT240I SYS007 on SYS007
IPT241I   Line Length: 132 Lines per page: 0 Timestamp: None
IPT242I   Total lines: 44 Total pages: 0
IPT243I   Logging:   Response Security
```

- Notes:
- Be careful that all messages are recorded somewhere. Otherwise, when a problem occurs, it may be difficult to obtain the necessary diagnostic information.
  - The example (above) shows how to suppress “sensitive” messages from SYSLST while establishing a security audit trail in a separate, protected file.
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Related	DEFINE LOG	- Create a system log file.
Commands:	MESSAGE	- Controls message suppression.
	QUERY LOGS	- Displays available consoles and logs, along with their properties.

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