

Command: SET-TH-AAL5

Message category: Network Maintenance

Application: Add/Drop, Rings

Definition:

Set threshold ATM Adaptation Layer 5 (AAL5).

Restrictions:

All parameters in this command are position-defined.

Function:

To modify the performance monitoring threshold levels for an AAL5 entity.

Command Format:

SET-TH-AAL5:[tid]:aiaal5:[ctag]::monaal5th,thlev,,,[tmper];

Command Parameters	
PARAMETER	EXPLANATION
[tid]	Identification of the target NE (1...20 characters). The NE SID code is the recommended value. The default value is null.
aiaal5	Access identification code that identifies a AAL5 facility. The value can be preceded by AID=, but this is not required. Enter one of the following formats, replacing lowercase parameters with the values given: dgy-AAL5-lannum Drop group facility where: dgy = DG1, DG2, DG3 lannum = 1...4 (grouping and ranging allowed) CUSTDFLT Customer-defined defaults ALL All of the above
[ctag]	Correlation tag (1...6 characters) that links an input command with associated output responses. The default is 0.
monaal5th	AAL5 performance monitoring type (see Table A). The value can be preceded by MONAAL5TH=, but this is not required. Valid values are:

thlev	Performance monitoring threshold level for daily and hourly counts (see Table A). The default can be specified with the CUSTDFLT AID.
[tmper]	Duration of performance monitoring. Valid values are: 1-DAY One day 15-MIN Fifteen minutes

Table A. Threshold Table - ATM Adaptation Layer 5

MONITOR TYPE	ALCATEL FACTORY DEFAULTS		RANGE	DESCRIPTION
	15-MIN	1-DAY		
PTCOLERR	3	288	1...4,294,967,295	Sum of protocol errors
TXERR	2	192	1...4,294,967,295	Sum of transfer errors
DISAAL5FR	12	48	1...4,294,967,295	AAL5 frames discarded due to no buffer available
DISRFCHDR	4	18	1...4,294,967,295	AAL5 frames discarded due to bad RFC-1483 header

Response Format:

Acknowledgment:

If, in less than 2 seconds, a normal or error response cannot be sent, the following acknowledgment response is sent:

IP <ctag>

After the above response, a new command input may be generated.

Normal Response:

```
sid yy-mm-dd hh:mm:ss
M c COMPLD
/* SET-TH-AAL5:[tid]:aiaal5:[ctag]::monaal5th,thlev,,, [tmper] */
;
```

Error Response:

```
sid yy-mm-dd hh:mm:ss
M c DENY
/* SET-TH-AAL5:[tid]:aiaal5:[ctag]::monaal5th,thlev,,, [tmper] */
errcde
;
```

Response Parameters	
PARAMETER	EXPLANATION
sid	Source NE identification
yy-mm-dd	Year (2 digits), month, and day
hh:mm:ss	Hour (00...23), minute, and second
M	Message generated in response to an input command
c	If provided, ctag, otherwise 0
COMPLD	Completed
DENY	Input command is denied
/* */	Enclosed are human readable comments - unspecified format
errcode	Error code (see Appendix C)

Example:

Set the performance monitoring threshold level for the 15-minute time period on drop group 1.

SET-TH-AAL5:RALGH:DG1-AAL5-1:55::PTCOLERR, TXERR,,,15-MIN;

 RALGH 99-11-02 12:50:30

M 55 COMPLD

 /* SET-TH-AAL5:RALGH:DG1-AAL5-1:55::PTCOLERR, TXERR, , , 15-MIN */

;

Related Commands:

[INIT-REG-AAL5](#)

[RTRV-ALM-AAL5](#)

[RTRV-PM-AAL5](#)

[RTRV-PMMODE-AAL5](#)

[RTRV-TH-AAL5](#)

[SET-PMMODE-AAL5](#)