

Command: SET-PMMODE-STS1

Message category: System Maintenance

Application: Add/Drop, Rings

Definition:

Set performance monitoring modes of an STS1 path.

Restrictions:

All parameters in this command are position-defined. A DENY response is generated if the AID specifies a drop side STS1 whose parent equipment COMPAT value is not LIF901 or LIFB01, or if the specified instance is unassigned.

Function:

To set STS1 performance monitoring modes associated with a STS1 path that terminates on a LIF901 or LIFB01.

Command Format:

SET-PMMODE-STS1:[tid]:aidstsp_pmmode:[ctag]::[locn],[pmtypes],[pmstate],
[pmdaystart];

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.
aidstsp_pmmode	Access identification code that identifies a DS1. 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: dgx-STS1-1 where: dgx = DG1, DG2, DG3 ALL All LIF901 and LIFB01 equipped drop group cards CUSTDFLT Customer-defined defaults
[ctag]	Correlation tag (1...6 characters) that links an input command with associated output responses. The default is 0.
[locn]	Location where performance monitoring is

	reported. Grouping is allowed. Valid values are: FEND Far end NEND Near end BOTH Both locations (default)
[pmtypes]	STS1 performance monitoring type. The value can be preceded by MONTYPE=, but this is not required. Valid values are: P Transport Path performance monitoring parameters
[pmstate]	Whether the specified PM type was directed to turn ON (Alcatel factory default) or OFF
[pmdaystart]	Hour (0...23) to start accumulating daily PM counts. Alcatel factory default is 0 (midnight). The defaults can be specified with the CUSTDFLT AID.

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-PMODE-STS1:[tid]:aidstsp_pmode:[ctag]::[locl] */
;
```

Error Response:

```

    sid yy-mm-dd hh:mm:ss
M  c DENY
    /* SET-PMODE-STS1:[tid]:aidstsp_pmode:[ctag]::[locl] */
    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
errcde	Error code (see Appendix C)

Example:

Set the performance monitoring mode for STS1 in drop group 1 at the near end for PM path monitoring to be turned on at 8:00 p.m.

SET-PMODE-STS1:RALGH:DG1-STS1-1:90::NEND,P,ON,20;

RALGH 99-11-24 12:50:30

M 90 COMPLD

/* SET-PMODE-STS1:RALGH:DG1-STS1-1:90::NEND,P,ON,20 */

;

Related Commands:

[RTRV-PMODE-STS1](#)