

Command: INIT-REG-T3

Message category: Network Maintenance
Application: Add/Drop, Rings

Definition:

Initialize registers on DS3.

Restrictions:

All parameters in this command are position-defined.

Function:

To initialize the DS3 performance monitoring registers. The network element initializes to a specific value one or more *mont3* parameter values (monitored parameters) that are associated with the specified DS3 facility. During normal operation, these registers contain PM information accumulated at defined time intervals in past.

Command Format:

INIT-REG-T3:[tid]:aidt3:[ctag]::[mont3],,[locn],[dirn],[tmper],[mondatt],[montm];

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.
aidt3	Access identification code that identifies a DS3 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: dgx-T3-ds3port DS3 drop group where: dgx = DG1, DG2, DG3 ds3port = 1...4 (grouping and ranging allowed) ALL All DS3 facilities
[ctag]	Correlation tag (1...6 characters) that links an input command with associated output responses. The default is 0.
[mont3]	DS3 performance monitoring type. The value

	can be preceded by MONTYPE=, but this is not required. Valid values are: BPV Bipolar violations (NEND RCV) CVCPP CP-Bit errors (NEND TRMT/RCV, FEND RCV) CVL Line coding errors (NEND RCV)
[mont3] (cont)	CVPLCPP PLCP coding violations CVPP P-Bit path errors (NEND TRMT/RCV, FEND RCV) ESCPP CP-Bit path errored seconds (NEND TRMT/RCV, FEND RCV) ESL Line errored seconds (NEND RCV) ESPLCPP PLCP errored seconds ESPP P-Bit path errored seconds (NEND TRMT/RCV) FCCP Path failure count, FEAC bits (FEND RCV) FCP Path failure count (NEND TRMT/RCV) SASCP Path SEF/AIS seconds based on X-bits (FEND RCV) SASP Path AIS seconds (NEND TRMT/RCV) SEFSPLCPP PLCP path severely errored framing seconds SESCOPP CP-Bit path SES (NEND TRMT/RCV, FEND RCV) SESL Line severely errored seconds (NEND RCV) SESPLCPP PLCP severely errored seconds SESPP P-Bit path SES (NEND TRMT/RCV) UASCPP CP-Bit path unavailable seconds (NEND TRMT/RCV, FEND RCV) UASPLCPP PLCP unavailable seconds UASPP P-Bit path unavailable seconds (NEND TRMT/RCV)
[locn]	Location where performance monitoring is reported. Grouping is allowed. Valid values are: FEND Far end NEND Near end
[dirn]	Direction of performance monitoring. Grouping is allowed. Valid values are: RCV Receive direction TRMT Transmit direction
[tmper]	Duration of performance monitoring. Valid values are: 1-DAY 1-day time period 15-MIN 15-minute time period
[mondatt]	Date to begin performance monitoring. Valid values are: mon-day Month and day where: mon = 1...12 day = 1...31 ALL All beginning times that are available.
montm	Time to begin performance monitoring. Does not apply when tmper equals 1-DAY. Valid values are:

	hh-mm Hour and minute where: hh = 00...23 mm = 00...59 The Alcatel factory default is 00-00. ALL All beginning times that are available for the specified mondat in the NE.
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Response Format:

Acknowledgment:

If, in less than 2 seconds, a normal or error response cannot be sent, the following acknowledgment response will be 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
/* INIT-REG-T3:[tid]:aidt3:[ctag]::[mont3],,[locn],[dirn],[tmper],
*/
/* [mondat],[montm] */
;
```

Error Response:

```

sid yy-mm-dd hh:mm:ss
M c DENY
/* INIT-REG-T3:[tid]:aidt3:[ctag]::[mont3],,[locn],[dirn],[tmper],
*/
/* [mondat],[montm] */
errcde
;
```

Command Parameters NIL	
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:

Initialize the drop group 1 DS3 (DG1-T3-1) BPV register beginning March 4, for 15-minute time period, starting at 8 p.m.

INIT-REG-T3:RALGH:DG1-T3-1:55::BPV,,NEND,RCV,15-MIN,03-04,20-00;

RALGH 99-11-05 12:50:30

M 55 COMPLD

/* INIT-REG-T3:RALGH:DG1-T3-1:55::BPV,,NEND,RCV,15-MIN,03-04,20-00

*/

;

Related Commands:

[ALW-PMREPT-T3](#)

[INH-PMREPT-T3](#)

[RTRV-PM-T3](#)

[RTRV-PMMODE-T3](#)

[SET-PMMODE-T3](#)