Command: RTRV-ALM-TADRMAP

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

Definition:

Retrieve Target Identifier Address Resolution Map (TADRMAP) alarms.

Restrictions:

All parameters in this command are position-defined.

Function:

To retrieve the current alarms associated with the TADRMAP.

Command Format:

RTRV-ALM-TADRMAP:[tid]:aidtadrmap2:[ctag]::[ntfcncde],[contadrmap],[srveff]
[,,,];

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.
aidtadrmap2	Access identification code that identifies a TADRMAP. The value can be preceded by AID=, but this is not required. Valid values are: TADRMAP-n Location of a specified TID-to-NSAP association in TADRMAP where: n = 1...32 ALL Location of all TID-to-NSAP associations in the TADRMAP
[ctag]	Correlation tag (1...6 characters) that links an input command with associated output responses. The default is 0.
[ntfcncde]	Notification code associated with an alarm condition. Valid values are: CR Critical alarm MJ Major alarm MN Minor alarm
[condtadrmap]	Condition type of the TADRMAP. The value can be preceded by CONDTYPE=, but this is not required. The value is TADRMM (TADRMAP

	provisioning mismatch).
[srveff]	Effect on service caused by the alarm condition. The value can be preceded by SRVEFF=, but this is not required. Valid values are: SA Service-affecting condition. Immediate action required. NSA Non-service-affecting condition

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
    /* RTRV-ALM-TADRMAP:[tid]:aidtadrmap2:[ctag]::[ntfcncde], */
    /* [contadrmap],[srveff][,,,] */

"aidtadrmap,aidtype:ntfcncde,condtadrmap,srveff:[conddescr],[aiddet]:,
    [tblist]"
    /* optional free format text */
;
```

Error Response:

```
    sid yy-mm-dd hh:mm:ss
M   c DENY
    /* RTRV-ALM-TADRMAP:[tid]:aidtadrmap2:[ctag]::[ntfcncde], */
    /* [contadrmap],[srveff][,,,] */
    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)
aidtadrmap	As described for command parameters
aidtype	Type of access identifier. In this case, it is TADRMAP.
ntfcncde	As described for command parameters
contadrmap	As described for command parameters
srveff	As described for command parameters
conddescr	Description of the trouble (1...62 characters)
aiddet	Supplementary equipment identification that identifies the location of the reported trouble. Valid values are A, B, AB.
tblislt	Significance of the isolation information provided by the aid included in this message. Valid values are: ISLTD Isolated. The aid is a replaceable or repairable unit. NIMAN Not isolated. Isolation must be performed manually. Suspected units are identified in the aid. NIPSS Not isolated. All diagnostics passed. Suspected units are identified in the aid.

Example:

Retrieve current alarms associated with TADRMAP-4.
RTRV-ALM-TADRMAP:RAL:TADRMAP-4:45::MN,TADRMM,NSA;

```
    RAL 99-11-24 11:27:30
M  45 COMPLD
    /* RTRV-ALM-TADRMAP:RAL:TADRMAP-4:45::MN,TADRMM,NSA */
    "TADRMAP-4,TADRMAP:MN,TADRMM,NSA:,:,"
;
```

Related Commands:

RTRV-ATTR-TADRMAP
RTRV-COND-TADRMAP
SET-ATTR-TADRMAP