Command: RTRV-ATTR-X25

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

Definition:

Retrieve X.25 attributes.

Restrictions:

All parameters in this command are position-defined.

Function:

To retrieve the current attributes of the X.25 protocol stack condition types.

Command Format:

RTRV-ATTR-X25:[tid]:aidx25:[ctag]::[ntfcncde],[condx25],,,:,[act],[deact];

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.
aidx25	The access identification code which is used to identify the X.25 protocol stack from which the attributes are to be retrieved. To enter the parameter, the X.25 entity must be given in the following format: X25 X.25 protocol stack CUSTDFLT Customer-defined defaults ALCLDFLT Alcatel factory defaults
[ctag]	Correlation tag (1...6 characters) that links an input command with associated output responses. The default is 0.
[ntfcncde] (see NOTE)	Notification code associated with a signal alarm condition. Valid values are: CR Critical alarm MJ Major alarm MN Minor alarm NA Not alarmed, reported via report event NR Not reported when event occurs; information retained in NE
[condx25]	Condition type of the X.25 entity. The value can

(see NOTE)	be preceded by CONDTYPE=, but this is not required. Grouping is allowed. Valid values are are listed in Table AC with Alcatel factory default attributes.
[act] (see NOTE)	Activation time, in half seconds (0...20), for declaring an alarm condition
[deact] (see NOTE)	Deactivation time, in seconds (0...20), for declaring an alarm condition cleared
NOTE: *A null entry defaults to all values for this parameter.*	

Table AC. X.25 Alarm Conditions and Alcatel Factory Default Attributes

ALARM CONDITION	DESCRIPTION	DEFAULTS		
		NTFCTNCDE	ACT TIME	DEACT TIME
LAPBERR	LAPB link fail	MN	5	10

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-ATTR-X25:[tid]:aidx25:[ctag]::[ntfcncde],[condx25],,,:, */
    /* [act],[deact] */
    "aidx25,aidtype:ntfcncde,condx25:,act,deact"
;
```

Error Response:

```
    sid yy-mm-dd hh:mm:ss
M   c DENY
    /* RTRV-ATTR-X25:[tid]:aidx25:[ctag]::[ntfcncde],[condx25],,,:, */
    /* [act],[deact] */
    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)
aidx25	As described in command parameters
aidtype	Type of access identifier. In this case, it is X25.
ntfcncde	As described in command parameters
condx25	As described in command parameters
act	As described in command parameters
deact	As described in command parameters

Example:

Retrieve attributes of the LAPBERR alarm associated with X25 protocol stack.
RTRV-ATTR-X25:RALGH:X25:41::,,,,:,LABRERR;

```
   RALGH 99-11-24 11:20:36
M  41 COMPLD
   /* RTRV-ATTR-X25:RALGH:X25:41::,,,,:,LAPBERR */
   "X25,X25:MN,LAPBERR:,5,5"
;
```


 ## Related Commands:

RTRV-ALM-X25
RTRV-COND-X25
SET-ATTR-X25