

Command: RTRV-ATTR-USRLAN

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

Definition:

Retrieve attributes of User LAN facility.

Restrictions:

All parameters in this command are position-defined.

Function:

To retrieve the current attributes of the User LAN (Ethernet) facility condition types.

Command Format:

RTRV-ATTR-USRLAN:[tid]:aidusrlan:[ctag]::[ntfcncde],[condusrlan],,[dirn],
[tmper]:,[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.
aidusrlan	Access identification code that identifies a User LAN facility. The value can be preceded by AID=, but this is not required. Grouping and ranging are allowed. Enter one of the following formats, replacing lowercase parameters with the values given: dgy-USRLAN-lannum User LAN drop group facility where: dgy = 1...3 lannum = 1...4 ALL All User LAN facilities
[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
[condusrlan]	Condition type of the User LAN. The value can be preceded by CONDTYPE=, but this is not required. Grouping is allowed. Valid values are listed in Table AA with Alcatel factory default attributes.
[dirn]	Direction of performance monitoring. Grouping is allowed. Valid values are: RCV Receive direction TRMT Transmit direction
[tmper] (see NOTE)	Duration of performance monitoring. Valid values are: 1-DAY One day 15-MIN Fifteen minutes
[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 AA. User LAN Alarm Conditions and Alcatel Factory Default Attributes

ALARM CONDITION	DESCRIPTION	DEFAULTS		
		NTFCTNCDE	ACT TIME	DEACT TIME
User LAN Facility:				
INHMPMREPTNDC	Inhibit all NDC scheduled PM reports	NR	5	10
INHMPMREPTQOS	Inhibit all QOS scheduled PM reports	NR	5	10
LOS	Loss of signal	CR	5	10
MTCE	Removed from service for maintenance	MN	0	0
T-CSERR	Threshold violation for carrier sense errors	NA	5	10
T-DISFR	Threshold violation for frames discarded due to no buffer available	NA	5	10
T-FRCRC	Threshold violation for total received frames with bad FCS	NA	5	10

T-LFR	Threshold violation for total received frames longer than maximum	NA	5	10
T-EXCOL	Threshold violation for excessive transmit collisions	NA	5	10
T-LFRCOL	Threshold violation for late transmit collisions	NA	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-USRLAN:[tid]:aidusrlan:[ctag]::[ntfcncde],[condusrlan],, */
/* [dirn],[tmper]:,[act],[deact] */
"aidusrlan,aidtype:ntfcncde,condusrlan,, [dirn],[tmper]:,act,deact"
;
```

Error Response:

```

sid yy-mm-dd hh:mm:ss
M  c COMPLD
/*
RTRV-ATTR-USRLAN:[tid]:aidusrlan:[ctag]::[ntfcncde],[condusrlan],, */
/* [dirn],[tmper]:,[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)
aidec1	As described in command parameters except that ALL is not used
aidtype	Type of access identifier. In this case, it is USRLAN.
ntfcncde	As described in command parameters
condec1	As described in command parameters
locn	As described in command parameters
tmper	As described in command parameters
act	As described in command parameters
deact	As described in command parameters

Example:

Retrieve the attributes of drop group 2 User LAN facility for the Loss of Signal alarm.

RTRV-ATTR-USRLAN:RALGH:DG2-USRLAN-1:45::,LOS;

RALGH 99-11-01 17:15:12

M 45 COMPLD

/* RTRV-ATTR-USRLAN:RALGH:DG2-USRLAN-1:45::,LOS */

"DG2-USRLAN-1,USRLAN:NA,LOS,,RCV,,5,5"

;

Related Commands:

[RTRV-ALM-USRLAN](#)

[RTRV-COND-USRLAN](#)

[SET-ATTR-USRLAN](#)