

# Command: RTRV-COND-LAN

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

## Definition:

Retrieve local area network (LAN) conditions.

## Restrictions:

All parameters in this command are position-defined.

## Function:

To retrieve the current conditions of alarm indicators for the LAN.

## Command Format:

RTRV-COND-LAN:[tid]:aidlana:[ctag]::[condlan][,,,];

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.
aidlana	Access identification code that identifies a LAN. The value can be preceded by AID=, but this is not required. Valid values are: LANA LAN A (associated with NEPA) LANB LAN B (reserved for future use) ALL All of the above
[ctag]	Correlation tag (1...6 characters) that links an input command with associated output responses. The default is 0.
[condlan]	Condition type of the LAN. The value can be preceded by CONDTYPE=, but this is not required. Valid values are: CARLOS Loss of carrier DUPADR Duplicate address error

## 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-COND-LAN:[tid]:aidlana:[ctag]::[condlan][,,,] */
"aidlan,aidtype:ntfcncde,condlan,srveff,,,,,[conddescr]:
[aiddet]"
/* optional free format text */
;
```

## Error Response:

```
sid yy-mm-dd hh:mm:ss
M c DENY
/* RTRV-COND-LAN:[tid]:aidlana:[ctag]::[condlan][,,,] */
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 <a href="#">Appendix C</a> )
aidlan	As described for command parameters, except that ALL value is not used
aidtype	Type of access identifier. In this case, it is LAN.
ntfcncde	As described for command parameters
condlan	As described for command parameters
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
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.

## Example:

Retrieves the current conditions of alarms for LANA.

**RTRV-COND-LAN:RAL:LANA:45::CARLOS;**

RAL 99-11-24 11:27:30

M 45 COMPLD

/\* RTRV-COND-LAN:RAL:LANA:45::CARLOS \*/

"LANA, LAN:MN, CARLOS, NSA, , , , , :"

;

## Related Commands:

[RTRV-ALM-LAN](#)

[RTRV-ATTR-LAN](#)

[SET-ATTR-LAN](#)