

# Command: ENT-USRLAN

Message category: Memory Administration  
Application: Add/Drop, Rings

## Definition:

Enter User LAN.

## Restrictions:

All parameters in this command are position-defined except *usrlan\_nblk* parameters, which are name-defined. The parent equipment (LIF901) must have been successfully provisioned ([ENT-EQPT](#) command) prior to this entry.

## Function:

To assign a User LAN (Ethernet) facility.

## Command Format:

ENT-USRLAN:[tid]:aidusrlan:[ctag]:::[usrlan\_nblk]:[pst],[sst];

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 is allowed. Enter the following format, replacing lowercase parameters with the values given: DGy-USRLAN-lannum User LAN drop group facility where: DGy = DG1, DG2, DG3 lannum = 1...4
[ctag]	Correlation tag (1...6 characters) that links an input command with associated output responses. The default is 0.
[usrlan_nblk]	Named parameter block for User LAN. The block consists of the following parameters in any order, separated by commas. Each

	parameter name is followed by an equal sign and a valid value. ISWAITDELAY Automatic IS Service (IS) Wait Delay time, in 15 minute intervals (0...288). A value of 288 is equivalent to 72 hours. A value of 0 (initial database value for customer defaults) inhibits automatic state transition from OOS-MA to IS and allows automatic state transition from OOS-MA-AINS to IS immediately when signal is recovered.
[usrlan_nblk] (cont)	MODE Transmission mode of the User LAN (Ethernet) facility. Valid values are: NRML Half duplex (initial database for customer defaults) FULLDPLX Full duplex
	PHYLAYER Physical layer used for the User LAN (Ethernet) facility. Valid values are: 10BASET 10Base-T (initial database default) 100BASETX 100Base-TX
[pst]	Desired primary state (condition) of the object entity. Valid values are: IS In-Service (normal -NR, or abnormal -ANR is implied and determined by the NE) OOS Out-Of-Service (out-of-service due to provisioning memory-administration operations is implied) MA Memory Administration (OOS-MA is implied) MA Maintenance (OOS-MT is implied)
[sst]	Secondary state to be activated (or stay active). Valid values are: AINS Automatic In Service (controllable). Automatic transition to in-service is allowed. (For certain types of objects, the circuit packet plugged-in event may cause the object to change automatically from MA-AS to an in-service state, provided the object is already assigned with appropriate attributes.) AINS-DEA Deactivates the AINS state

## 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
/* ENT-USRLAN:[tid]:aidusrlan:[ctag]::[usrlan_nblk]:[pst],[sst] */
;
```

## Error Response:

```
sid yy-mm-dd hh:mm:ss
M c DENY
/* ENT-USRLAN:[tid]:aidusrlan:[ctag]::[usrlan_nblk]:[pst],[sst] */
errcde
;
```

Response Parameters	
PARAMETER	EXPLANATION
sid	Source NE identification
yy-mm-dd	Last two digits of the year-month-day
hh:mm:ss	Hour (24 hour clock):minute: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 <a href="#">C</a> )

## Example:

Assign a User LAN facility with an automatic in-service wait delay time of 30 minutes, half duplex transmission mode, and physical layer of 100BaseTX.

**ENT-USRLAN:RALGH:DG1-USRLAN-2:77:::ISWAITDELAY=2,MODE=NRML,PHYLAYER=100BASETX;**

```
RALGH 99-11-27 14:50:33
M 77 COMPLD
/* ENT-USRLAN:RALGH:DG1-USRLAN-2:77:::ISWAITDELAY=2,MODE=NRML,
PHYLAYER=100BASETX */
;
```

## Related Commands:

[ED-USRLAN](#)  
[DLT-USRLAN](#)

