



## **SW\_ILS TLV format(s)**

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(T11/11-216v0)

# SW\_ILSs

## Current method

Type	Description
01 00 00 00h	SW_RJT
02 XX XX XXh	SW_ACC
10 XX XX XXh to 9FFFFFFFh	Command codes

- No command code information is provided in SW\_RJT or SW\_ACC ☹️



# SW\_ILSs

## New method

- Common format in first two words (for all requests & responses) along with TLV(s)
  - Command code/Subcommand code
  - Request/Response indicator
  - Accept/Reject indicator
  - TLV descriptor(s) length



# SW\_ILSs

Common format in first two words for request(s) and response(s)

B / W	3	3	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	9	8	7	6	5	4	3	2	1	0
0	Command code								R	A	Reserved											Subcommand code								
1	Descriptor list length																													

- Command code/Subcommand code specifies the SW\_ILS
- R bit = 0 indicates a request
- R bit = 1 indicates response
- If R=1, then A bit = 0 indicates Accept and A bit = 1 indicates Reject
- Descriptor list length specifies length (in words) of following descriptors



# SW\_ILSs

## TLVs

- Header
  - originating Switch\_Name, destination Switch\_Name
- Domain\_ID
- Name\_Identifier
- Address identifier
- Reject
  - Reason Code, Reason Code Explanation, Vendor Specific
- And others as needed...



# SW\_ILSs

## Header TLV descriptor

B / W	3 1	3 0	2 9	2 8	2 7	2 6	2 5	2 4	2 3	2 2	2 1	2 0	1 9	1 8	1 7	1 6	1 5	1 4	1 3	1 2	1 1	1 0	9	8	7	6	5	4	3	2	1	0
0	Type=01h								List length=05h								Reserved															
1	Originating Switch_Name																															
2																																
3	Destination Switch_Name																															
4																																

# SW\_ILSs

## Reject TLV descriptor

B / W	3 1	3 0	2 9	2 8	2 7	2 6	2 5	2 4	2 3	2 2	2 1	2 0	1 9	1 8	1 7	1 6	1 5	1 4	1 3	1 2	1 1	1 0	9	8	7	6	5	4	3	2	1	0
0	Type=10h								List length=02h								Reserved															
1	Reserved								Reason Code								Reason Code Explanation				Vendor Specific											





**Thank You !**

