



# draft-ietf-6tisch-6top-protocol

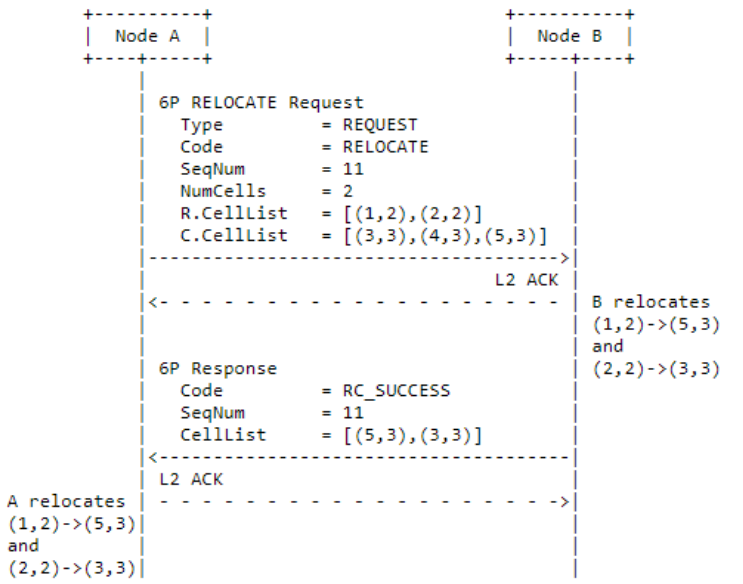
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# Status

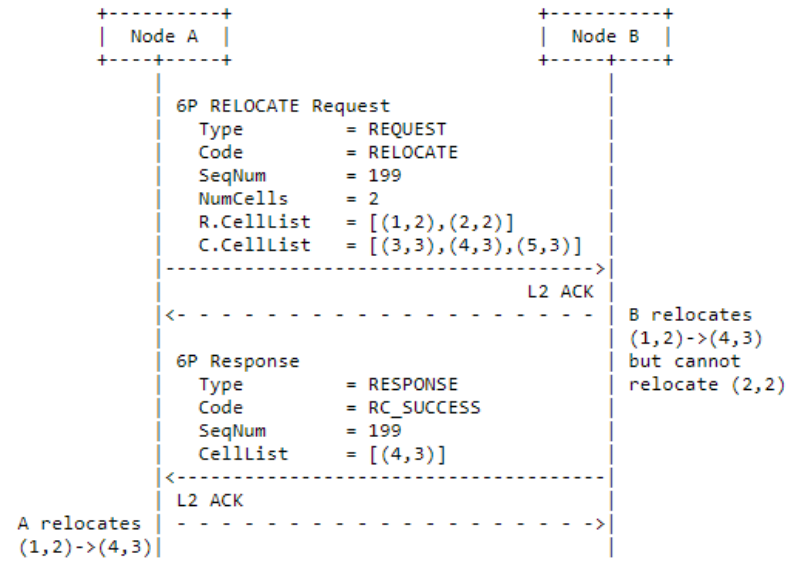
- Stable version since IETF99 (now version -09)
- Addressed Comments in the ML
- Improved readability and minor fixes
- Clarified relocation
- Clarified inconsistency handling
- Clarified error codes
- Improved figures
  
- Submitted to the IESG since 31 Oct

# Relocation

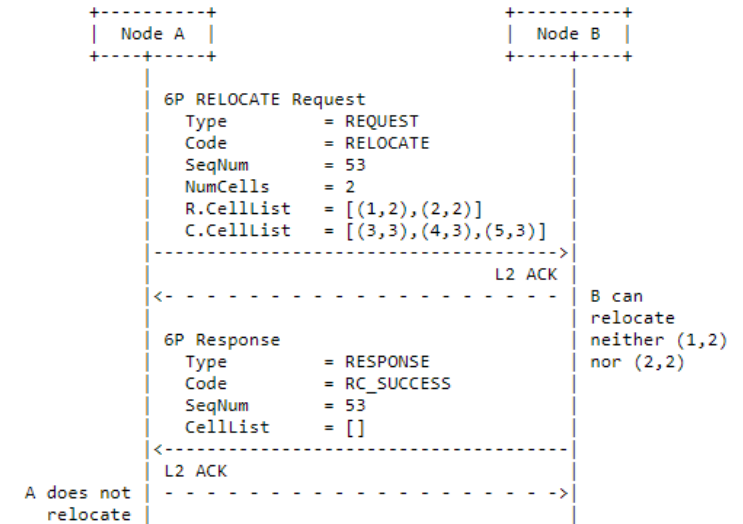
Cells in the Candidate CellList are equivalent



Case A: All cells are allocated



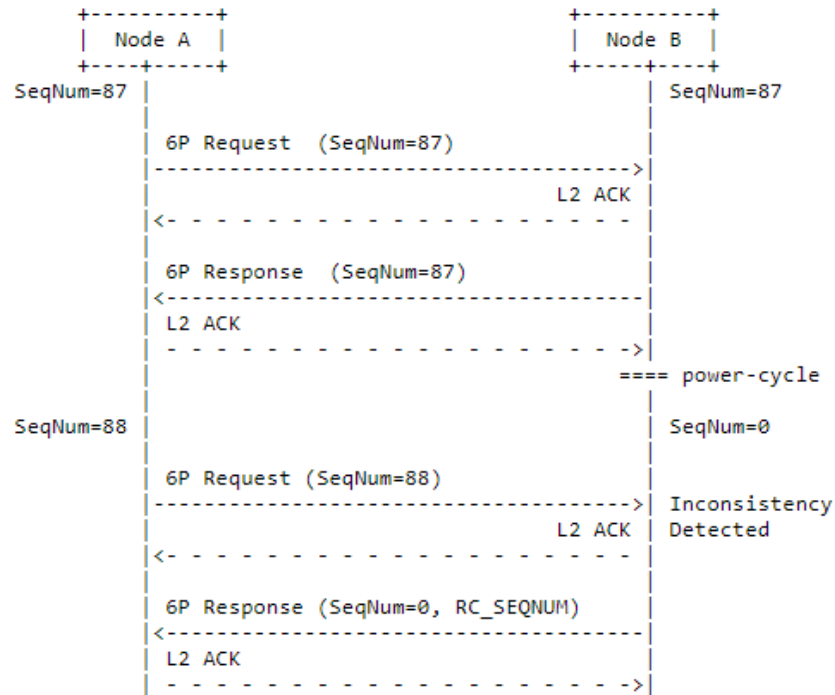
Case B: Partial relocation



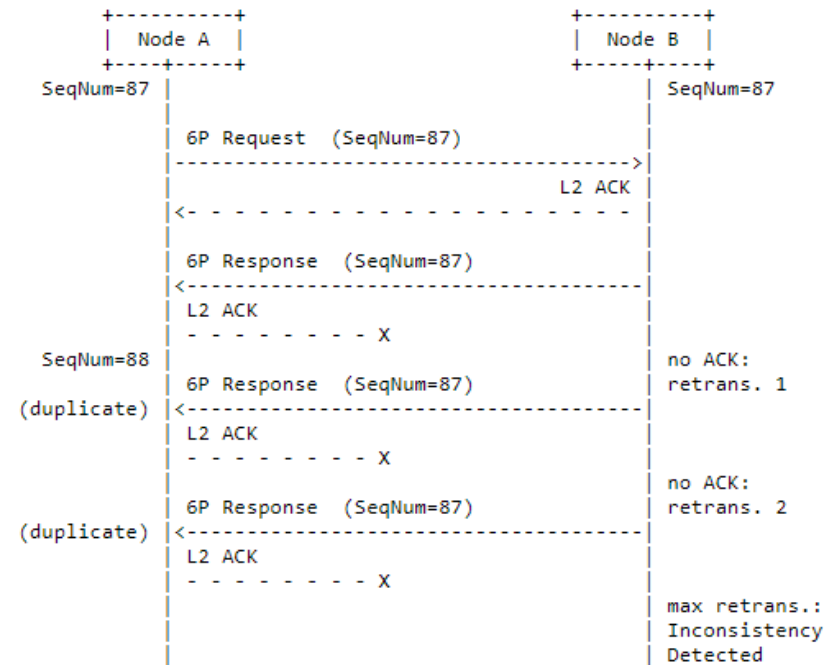
Case C: Failure to relocate

# Inconsistency

A schedule inconsistency happens when the schedules of nodes A and B are inconsistent.  
 For example, when node A has a transmit cell to node B, but node B isn't listening to node A on that cell.  
 A schedule inconsistency results in loss of connectivity.



inconsistency because of node resets



inconsistency because of max link-layer retransmissions reached

# Error Codes

Clarified use of ERROR Codes

Code	Name	Description	Is Error?
0	RC_SUCCESS	operation succeeded	No
1	RC_EOL	end of list	No
2	RC_ERROR	generic error	Yes
3	RC_RESET	critical error, reset	Yes
4	RC_VERSION	unsupported 6P version	Yes
5	RC_SFID	unsupported SFID	Yes
6	RC_SEQNUM	schedule inconsistency	Yes
7	RC_CELLLIST	cellList error	Yes
8	RC_BUSY	busy	Yes
9	RC_LOCKED	cells are locked	Yes



Thank You!