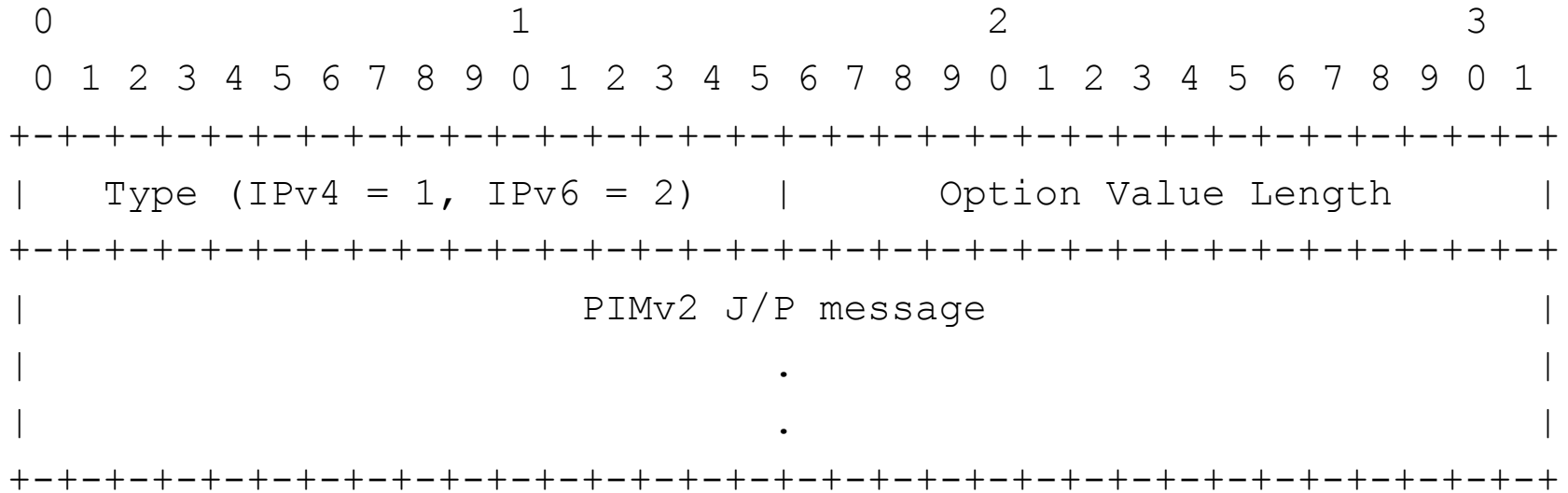


draft-ietf-pim-port-06

port-06 update

- Changes made in response to second wglc comments and following discussion
- Many minor editorial issues fixed
- Changed format of PORT J/P message
- Added keep-alive message
 - Removed TCP keep-alive
- Made Interface ID a stand-alone PIM Hello option
 - Removed it from the PORT Hello option, only connection ID left
 - May be used by other protocols than PORT
- New wglc?

PIM J/P options



- A PORT J/P message MUST contain exactly 1 PIM J/P option
 - One IPv4
 - Or one IPv6

Keep-alive

- May send keep-alive messages to detect if connection is down
 - TCP connection goes down after a few retries if no ACK
 - This allows a router to detect failure to send
- Keep-alive messages have a holdtime field
 - Non-zero means that connection should be taken down if holdtime elapses with no PORT messages received
 - Sender free to select holdtime
 - Note that no need to send periodic keep-alive if J/P sent within holdtime