Agent

## 1. Map relationship

1.1 SID map to IP == SID to longIP

1.2 IP to socketID == longIP to socketID

## 2. Received message types

|  |  |  |
| --- | --- | --- |
| Source terminal | Types | |
| Self | types | content |
| connect | self connect DID |
| disconnect | self disconnect DID |
| Transfer DID | self transfer DID [TD] |
| Transfer package | self transfer littlepack |
| Other | This is input data for agent, SID is other terminal, DID is me. Just push it to DB. | |

## 3． DB data

Key is little endian, value is big endian or little endian which depends terminals.

## 4． Test setting

|  |  |  |  |
| --- | --- | --- | --- |
|  | ATO | ATP | ZC |
| ID | 0x40000001 | 0x60000001 | 0x20000001 |
| Running host IP | 192.168.20.100 | 192.168.20.xx | 192.168.20.xx |
| Agent IP | 192.168.20.58 | 192.168.20.58 | 192.168.20.224 |
| DB IP | 192.168.20.58 | 192.168.20.58 | 192.168.20.224 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

## 5 . Test sequence.s

ATP create connection to ZC

ATO transfer data to ZC

ZC write back data to ATO