

| N , number of hosts in star network | SBEP(N), number of SBEP steps needed for a network with N hosts |
|---------------------------------------|--|
| 2 | 1 |
| 3 | 3 |
| 4 | 3 |
| 5 | 6 |
| 6 | 6 |
| 7 | 8 |
| 8 | 8 |
| 9 | 12 |
| 10 | 12 |
| 11 | 14 |
| 12 | 14 |
| 13 | 17 |
| 14 | 17 |
| 15 | 19 |
| 16 | 19 |
| 17 | 22 |
| 18 | 22 |
| 19 | 24 |
| 20 | 24 |