

# Learning a Protocol

## Characteristics & parameters of any protocol

1. Neighbors: discovered vs configured
2. Hello's
3. Addressing / port numbers
4. State diagram (to establish adjacency)
5. Priorities
6. Timers
7. Security / authentication / encryption
8. Failover / redundancy
9. Information / data shared: routing / network topology,
10. Errors & error handling
11. Tie breakers
12. Basic algorithms

Note: Little attempt has been made to "order" these parameters into the sequence in which they might be used. You may wish to ponder that and re-order the list in whatever way will make it easiest for you to remember.