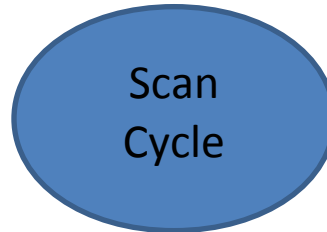


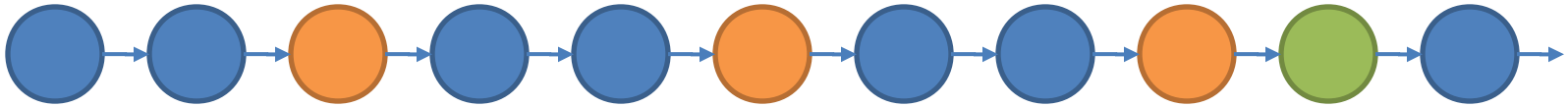
## Intravue Scan Cycle



1. Ping all known devices
2. Ping quota of non responding ip addresses
3. 1 SNMP request to quota of SNMP devices
4. 1 SNMP request to quota of non responding SNMP devices
5. .... Wait for responses (nominal 2 seconds) ....
6. Get Ping responses
7. Get SNMP responses
8. Ping any known device which did not respond
9. 2<sup>nd</sup> round of SNMP requests
10. .... Wait for responses (nominal 2 seconeds)...
11. Get Responses
12. Compute connection failures/disconnects data



## Intravue Topology Cycles



- Each **scan cycle** has 2 'bulk' SNMP request per device
- It takes many scan cycles to get all the required data from a device
- At each one minute boundary **threshold data** is computed
- When the snmp from all switches and routers is complete a '**topology cycle**' has been completed and device placement is performed.