



Wireless Sensor Network – Deployment

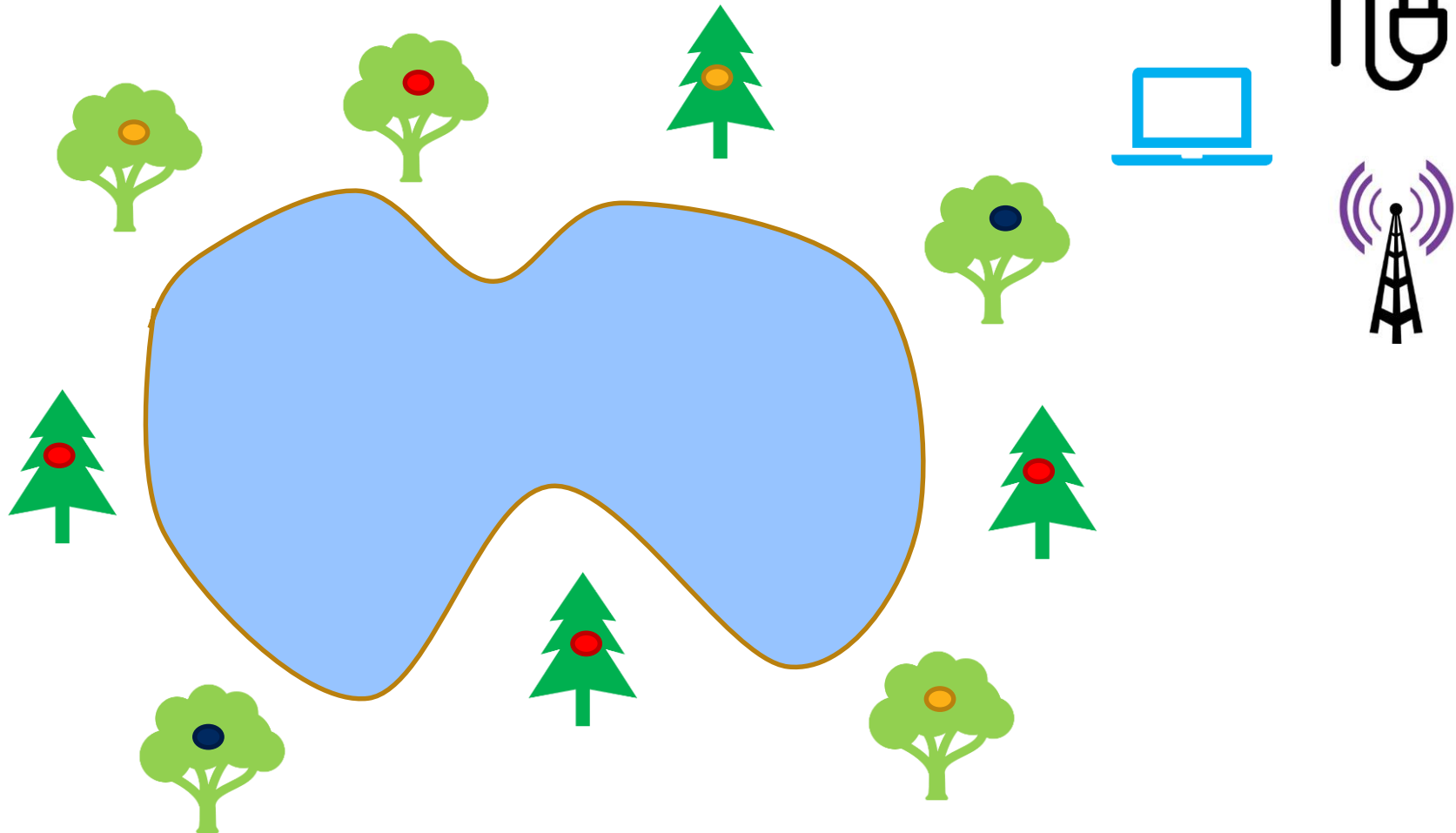
Deployment Objectives

- Coverage
- Connectivity
- Topology

Deployment - Issues

- Structured Vs Random Deployment
- Over Deployment Vs Incremental Deployment
- Network Topology
- Homogeneous Vs Heterogeneous Deployment

Ideal Deployment



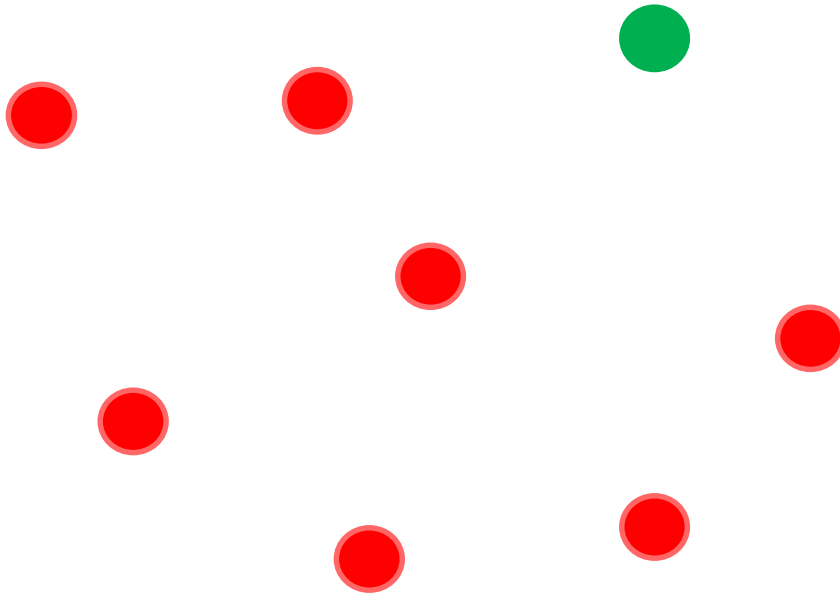
Random Deployment



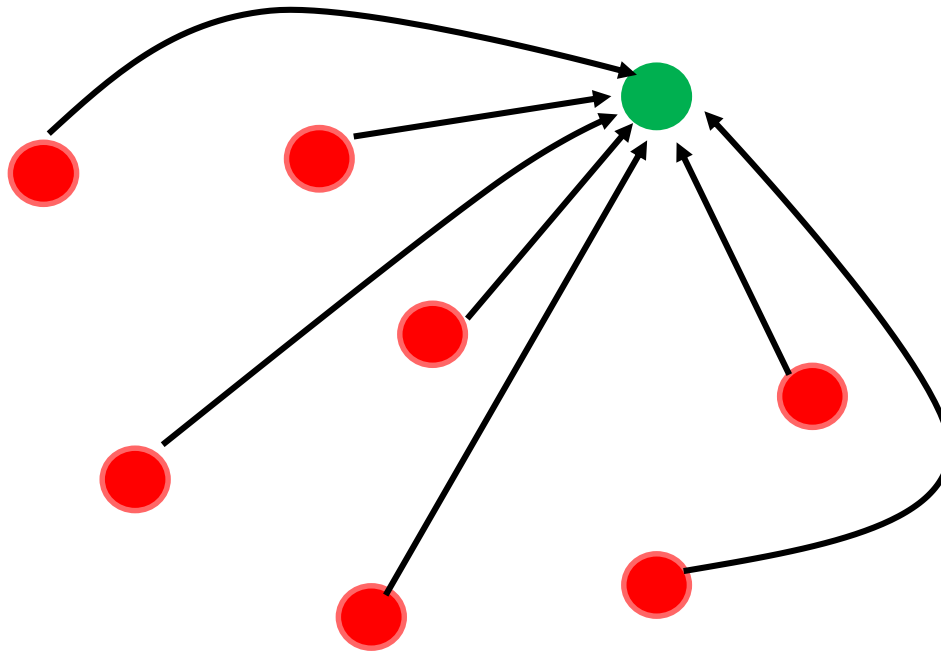


Wireless Sensor Network – Deployment Pattern

Deployment Patterns

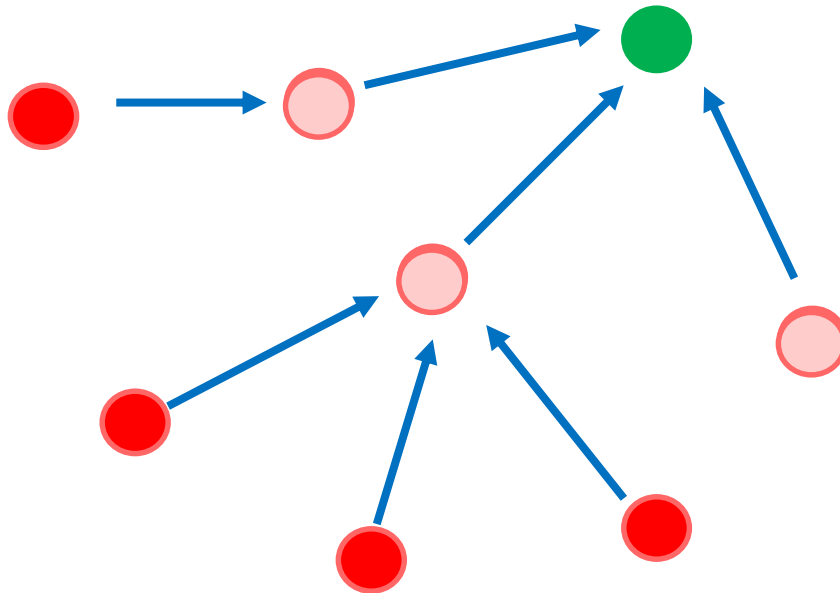


Deployment Patterns - Star

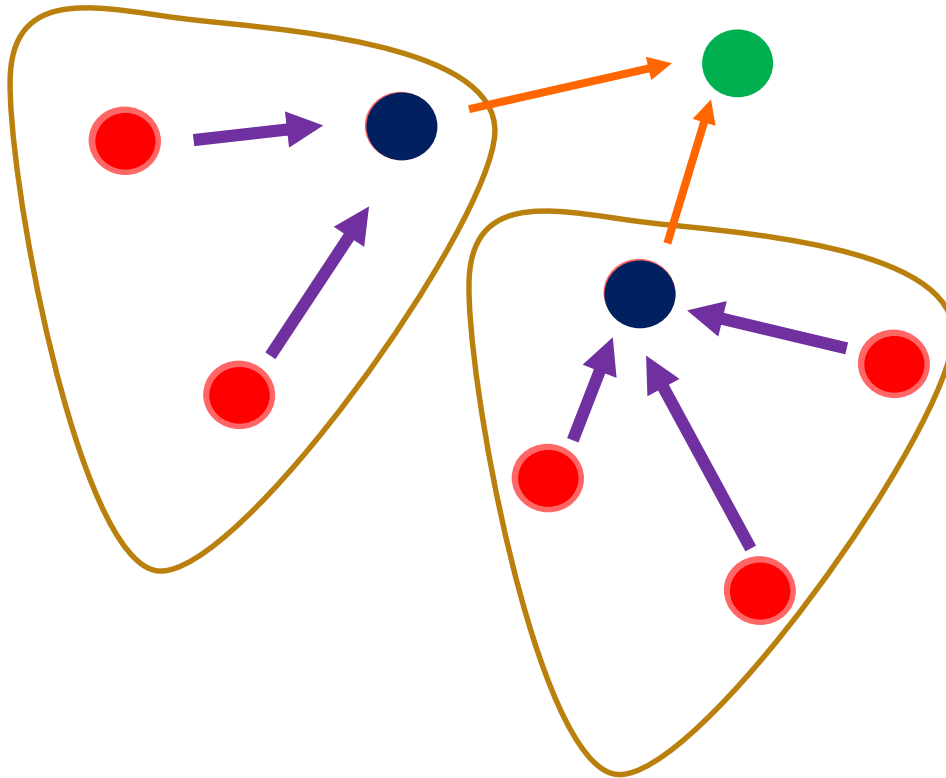


Energy Consumption

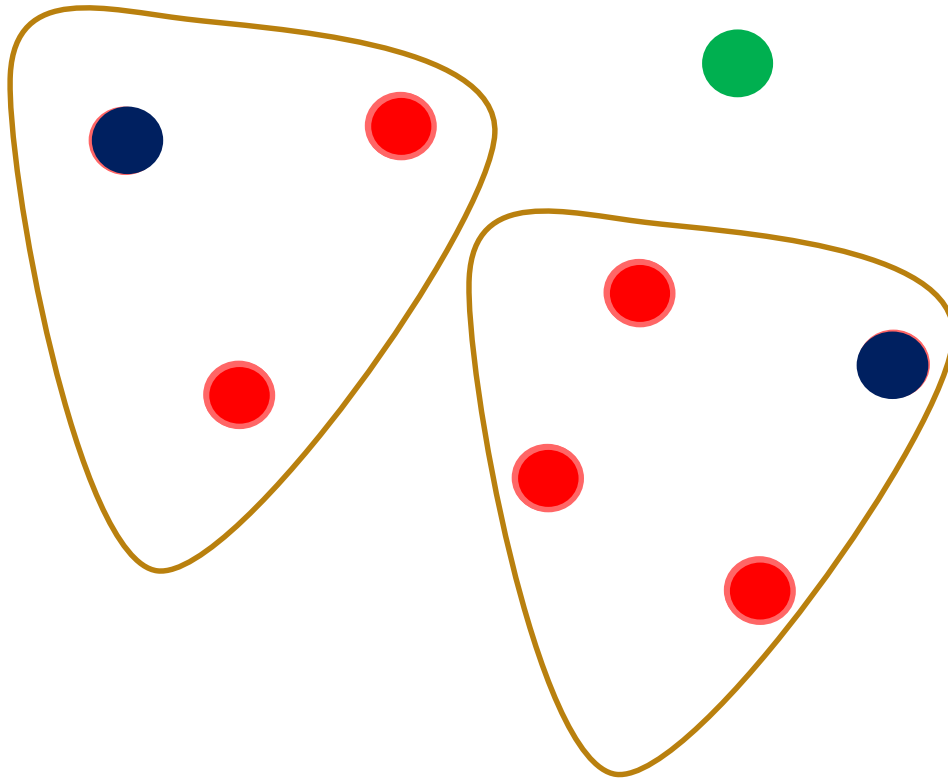
Deployment Patterns – Multi Hop



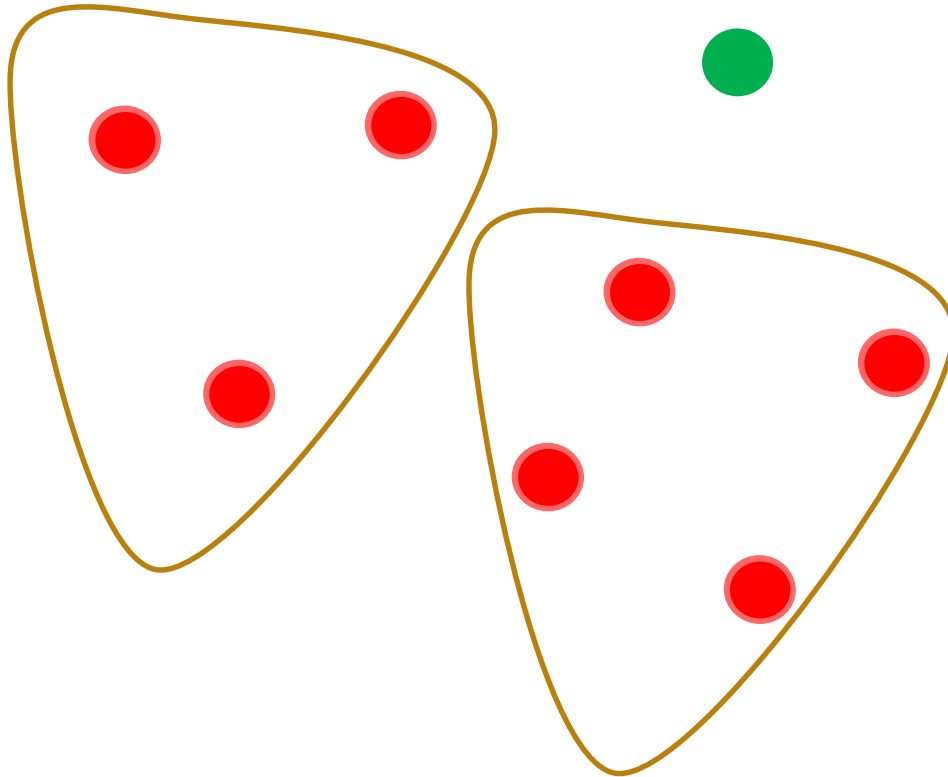
Deployment Patterns - Cluster



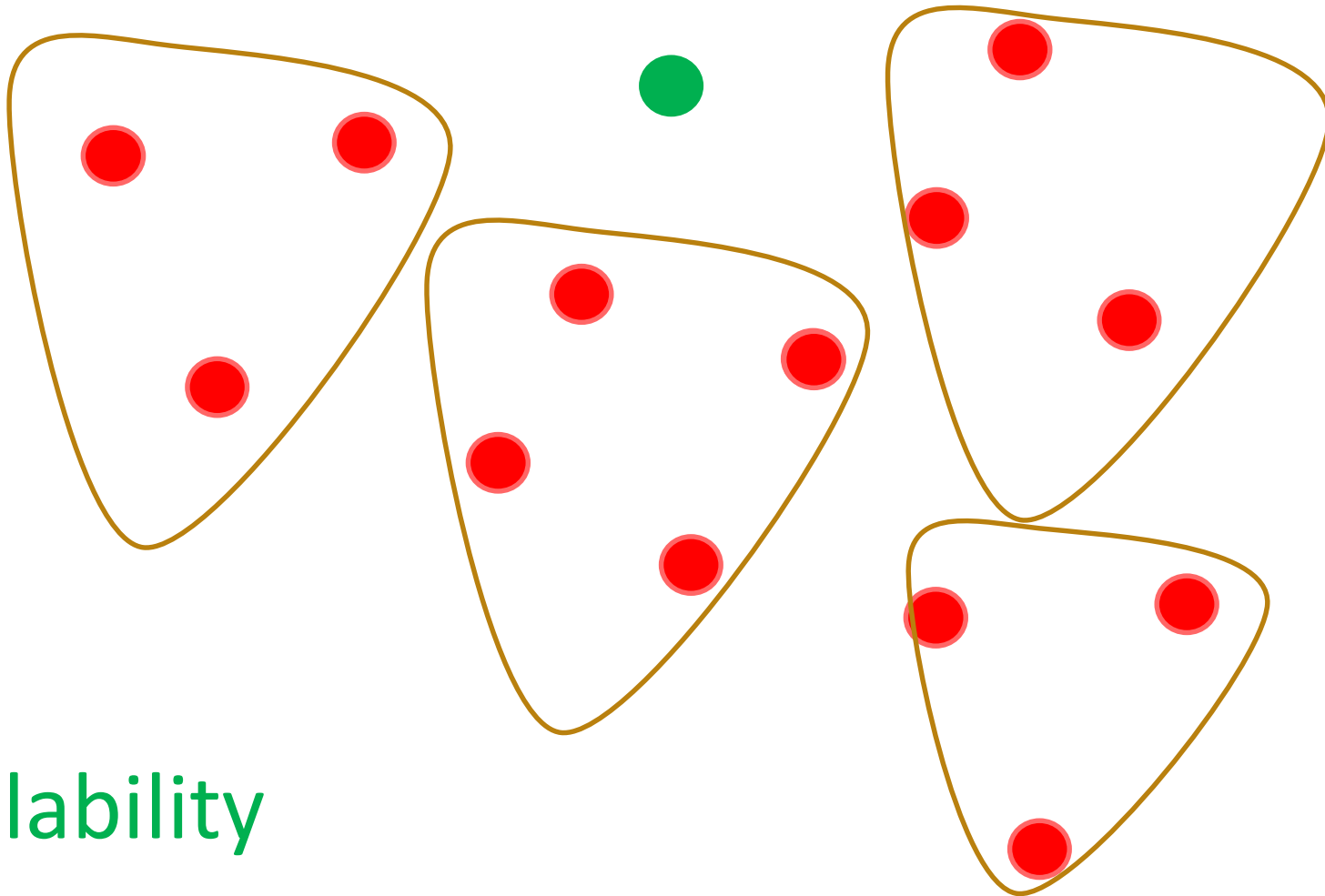
Deployment Patterns - Cluster



Deployment Patterns - Cluster



Deployment Patterns - Cluster

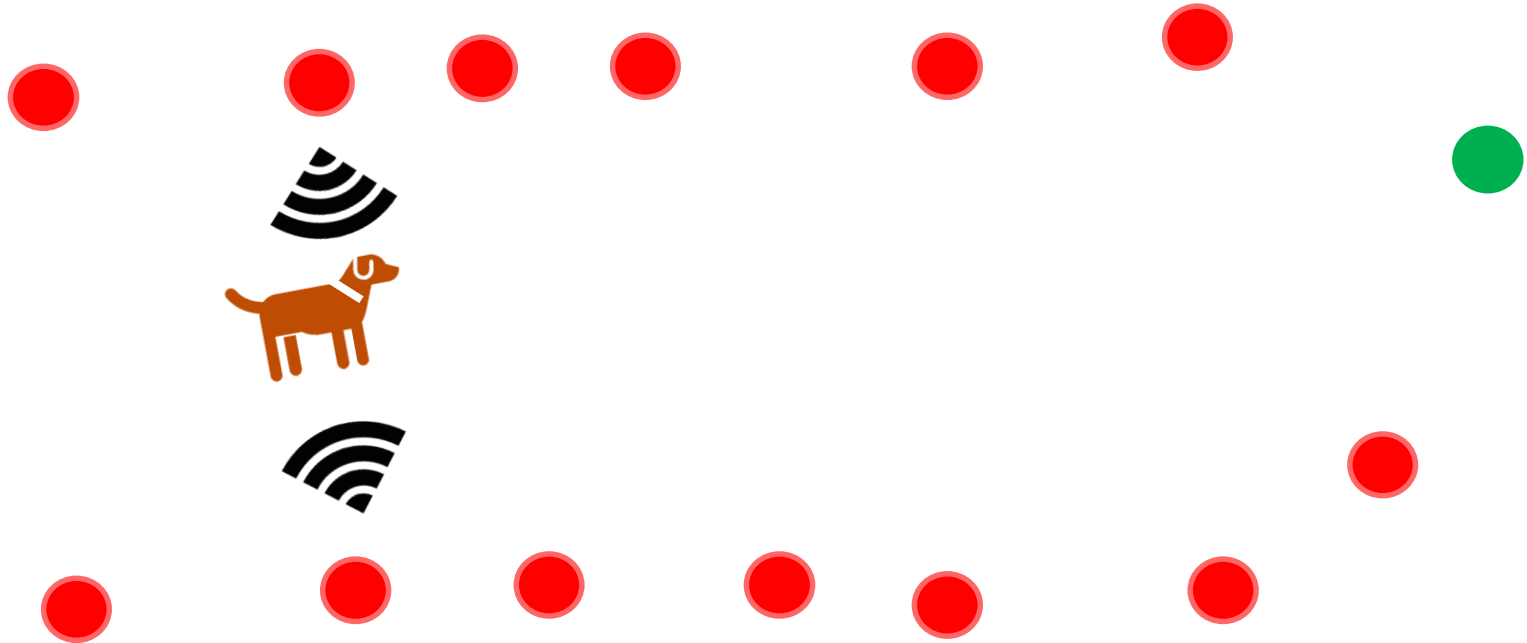


Scalability

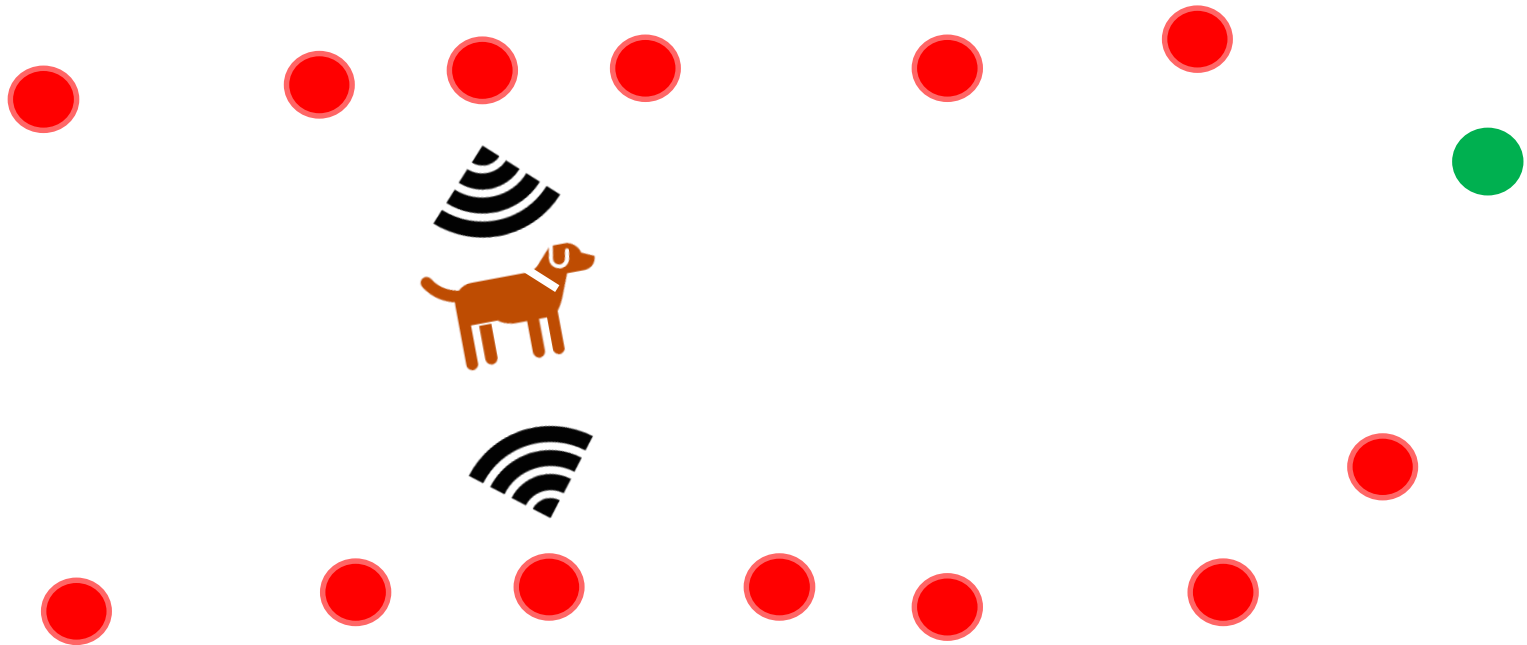
Deployment Patterns – Data Mule



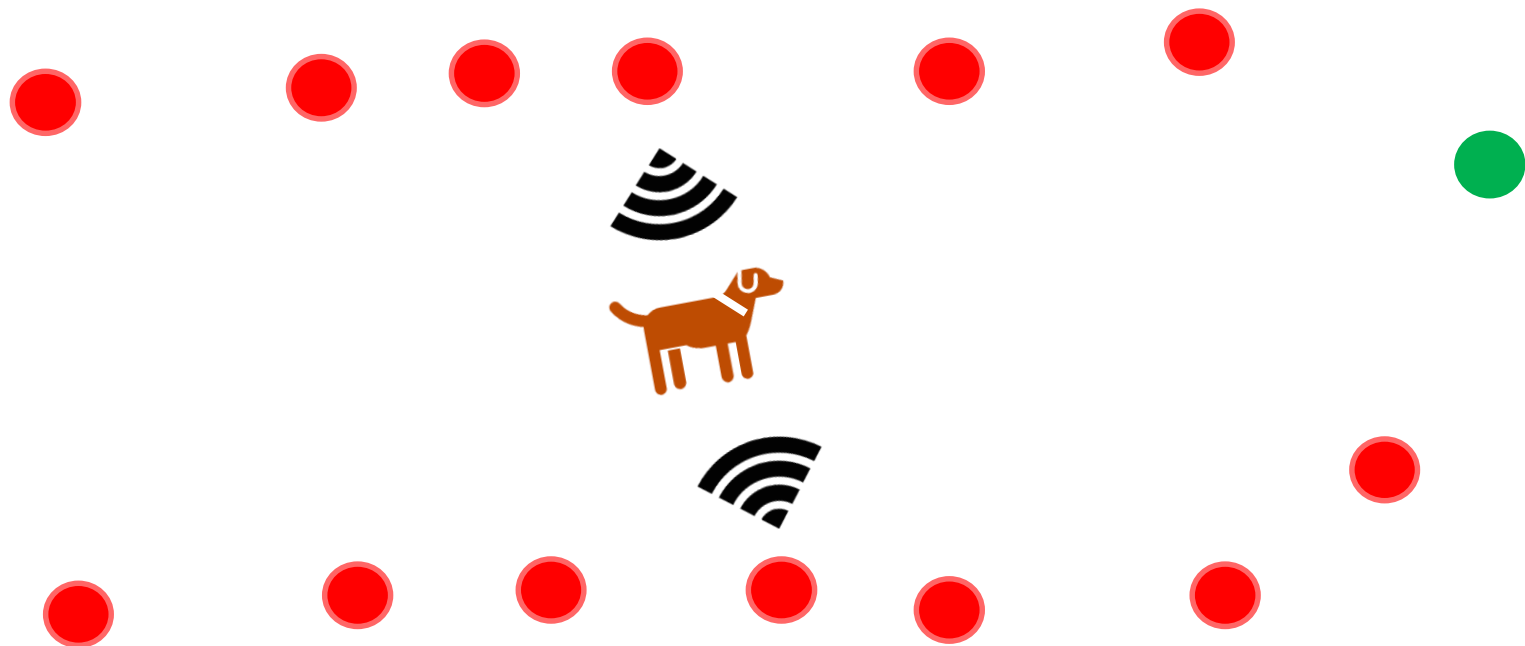
Deployment Patterns – Data Mule



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Deployment Patterns – Data Mule

