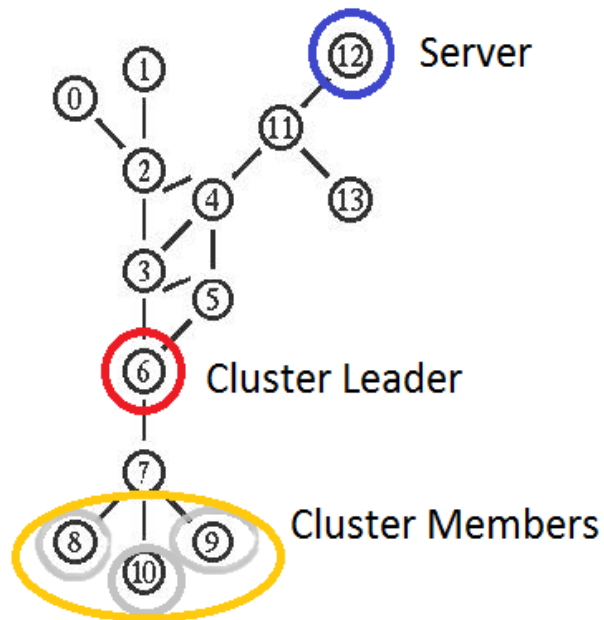


## CALMTV : Cluster Based Application Layer Multicast IPTV



### Intelligent IPTV Solutions Using The Ideas:

- Scalable Video Coding
- Probing
- Application Layer Multicast
- Clustering

### Performance Metrics

	NICE	ALMI	OMNI	CALMTV
Delay	140 ms	100 ms	500 ms	89 ms
Jitter	780 ms	200 ms	100 ms	121 ms

**Zapping Delay < 0.57 sec**