



Core-Based Tree (CBT)

• Motivation:

- We don't like maintaining any routing state on a per <source,group> basis. Just per group is nice.
- We don't like any form of flooding either for group membership (MOSPF) or to trigger pruning (DVMRP).
- We don't like non-tree routers doing very much work, if any.

• Idea:

- Build a "shared tree" for the group (same as spanning tree).
 NOT a source based per source!
- Tree starts with a "core" router for the group.
- Use a join/leave protocol to "grow" or "shrink" the tree.