# Multicast in the Data Center

**draft-ietf-mboned-dc-deploy-02**

# mboned charter

"Receive regular reports on the current state of the deployment of multicast technology. Create "practice and experience" documents that capture the experience of those who have deployed and are deploying various multicast technologies."

# draft motivation

Discussion about multicast in ARMD

- – Multicast not enabled in the DC, doesn't work.
    - HW has significant problems with mcast
    - Doesn't scale
- – Multicast is vital in the DC
    - If vital, how is multicast being used?
- – Useful to have a taxonomy of the different

DC applications that are using multicast

# Multicast Apps in the DC

Windows Media Servers

Publish and Subscribe

Market Data

IPTV

VRRP

Overlays (VxLAN, NvGRE)

Compute system monitoring (Ganglia)

Windows Server cluster node exchange

Others…

# Multicast Challenges in the DC

Broadcasts when igmp/mld snooping not config'd

VRRP chatty heartbeats

Overlay scaling

VM scaling

Others?

# request of mboned

Seeking a co-author

Seeking feedback on various mcast DC apps

Consider authoring similar docs for SP, ENT, SMB, Campus, **wireless**…