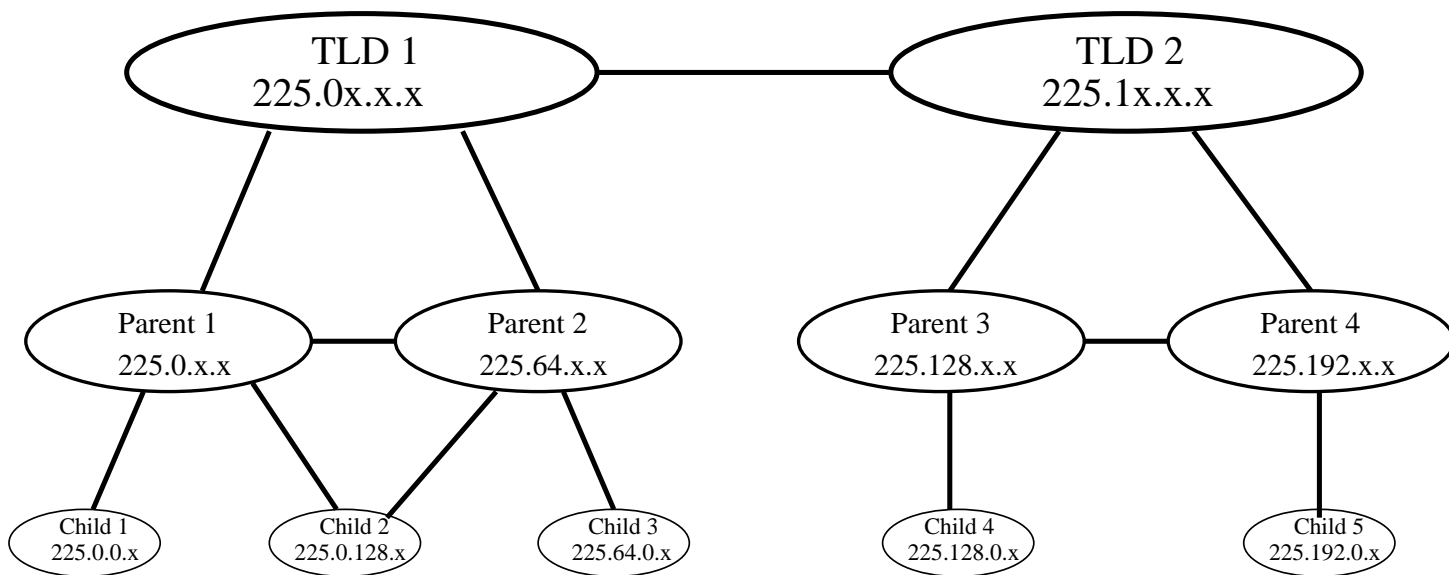


Multicast Address-Set Claim (MASC) Implementation

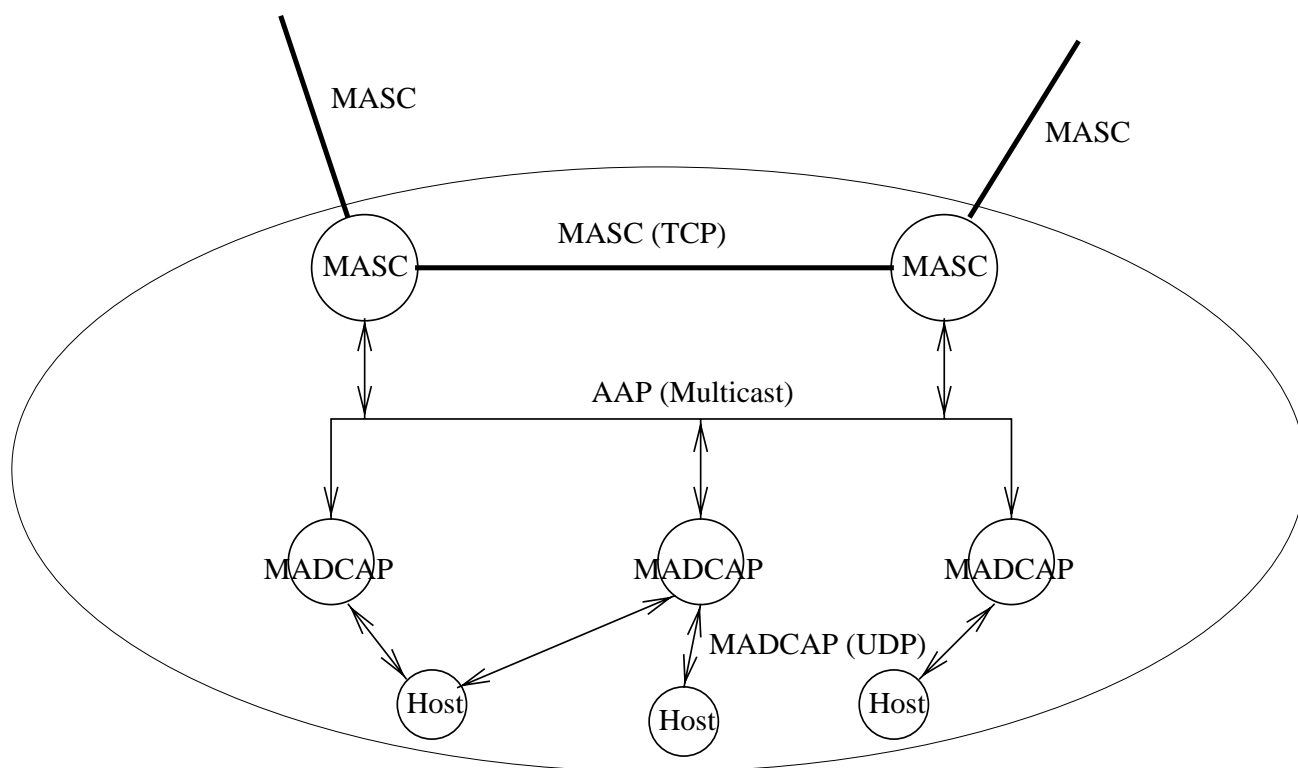
Pavlin Radoslavov
(USC/ISI)

MASC Function 1: Associate group ranges with AS's

225.x.x.x



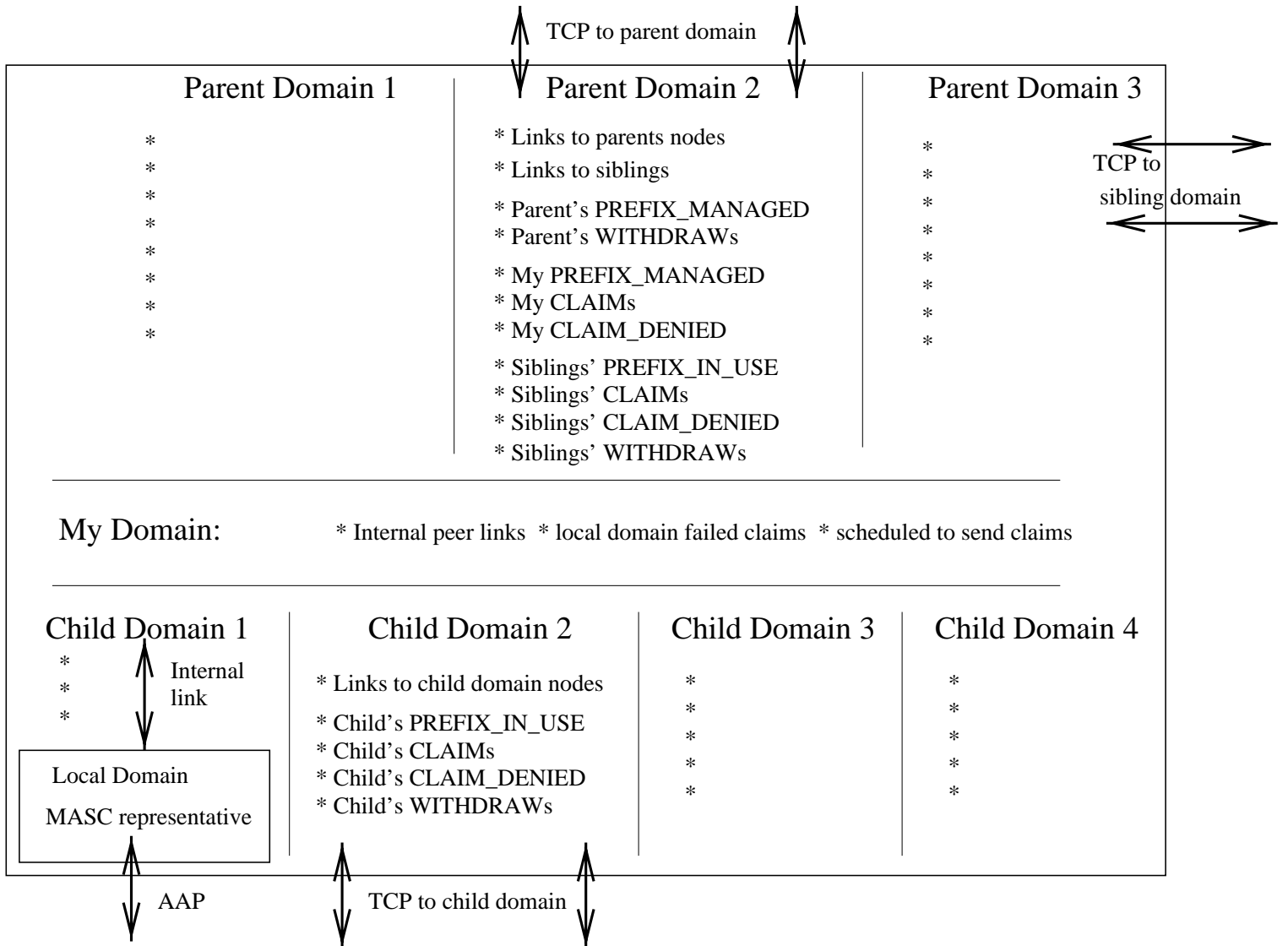
MASC Function 2: Announce group ranges to MADCAP servers



MASC Server Needs to Run

- MASC Protocol: MUST
- Address Allocation Protocol: MUST (partially)
 - Send Address-Set-Announce Messages (the advertisements to MADCAP)
 - Listen to Address-Space-Reports (from MADCAP to MASC)
- Multicast-Scope Zone Announcement Protocol: SHOULD (partially)
 - Listen to Zone Announcement Messages

MASC Server Design



MASC Server Implementation Status

- Stand-alone
- MASC Protocol: completed
- AAP, MZAP: no
- Total of 10000 lines of code; approximately 30% is MASC functionality code
- Will be available from
<http://netweb.usc.edu/masc/>

TODO

- MASC QUERY and RESPONSE debug messages (both spec and implementation)
- Testing
- AAP
- MZAP