

Measurements: Mapping Manipulation in the Internet

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measurement and architecture for a middleboxed internet

measurement

architecture

experimentation



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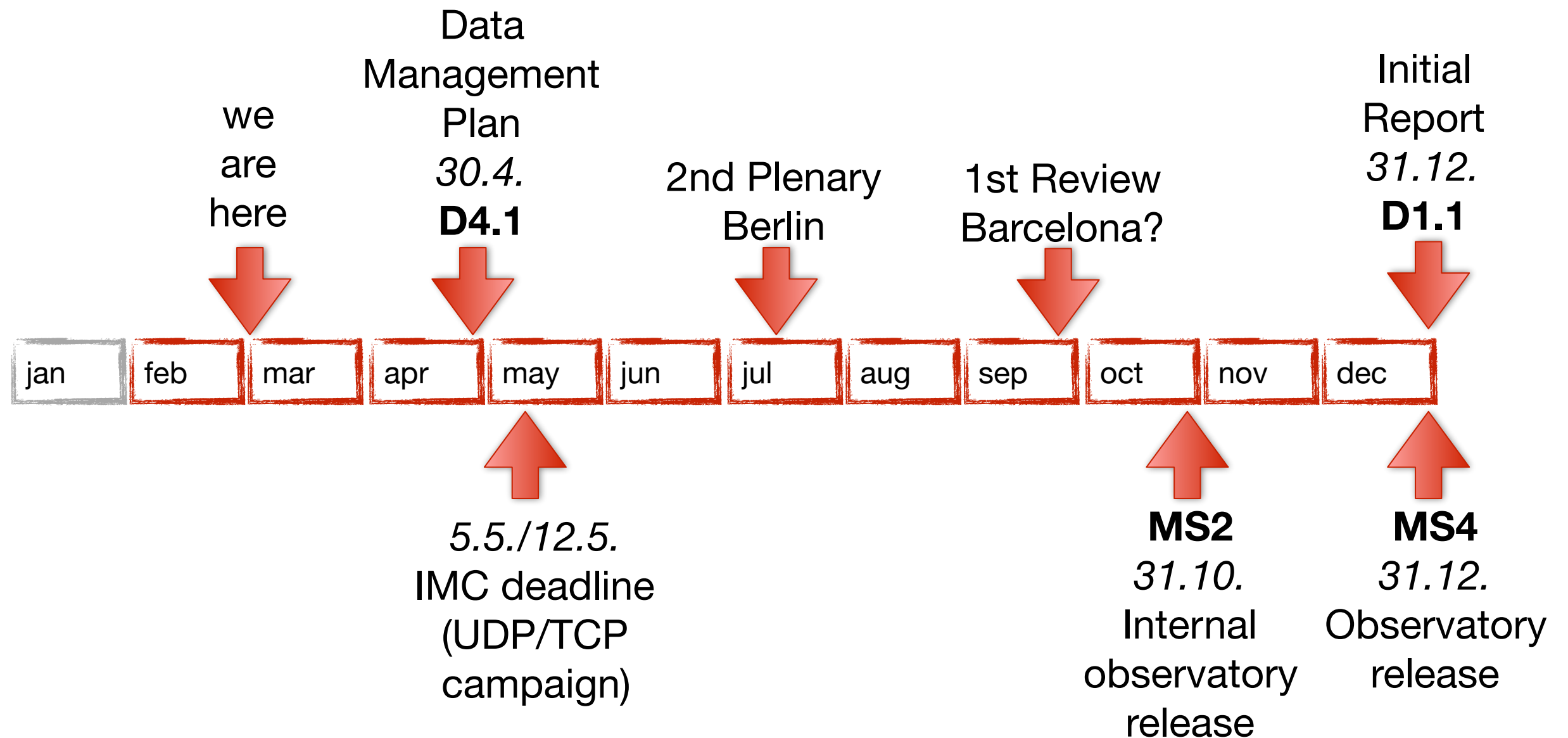


What We're Doing

- Methodology and Measurement Tool Design [1.1, from now]
 - Tracebox: integration with scamper
 - Pathspider: measurement beyond ECN, framework improvement
 - Copycat2
 - Atlas for UDP
 - CGN detection
- Initial Measurements and Middlebox Detection [1.2, from April]
 - Atlas, Copycat/Tracebox on Ark etc. for IMC underway
- Data Model and Middlebox Observatory [1.4, from June in progress]



What Gets Done When (Y1)?





Path Transparency Observatory

- Observatory (public release end 2016) to derive common **observations** about **conditions** on a given **path** at a given **time**
- Combining disparate measurements leads to better insight
 - e.g. own measurement data, traceroutes, BGP, traces

