Network Situational Displays from Network Flow Data

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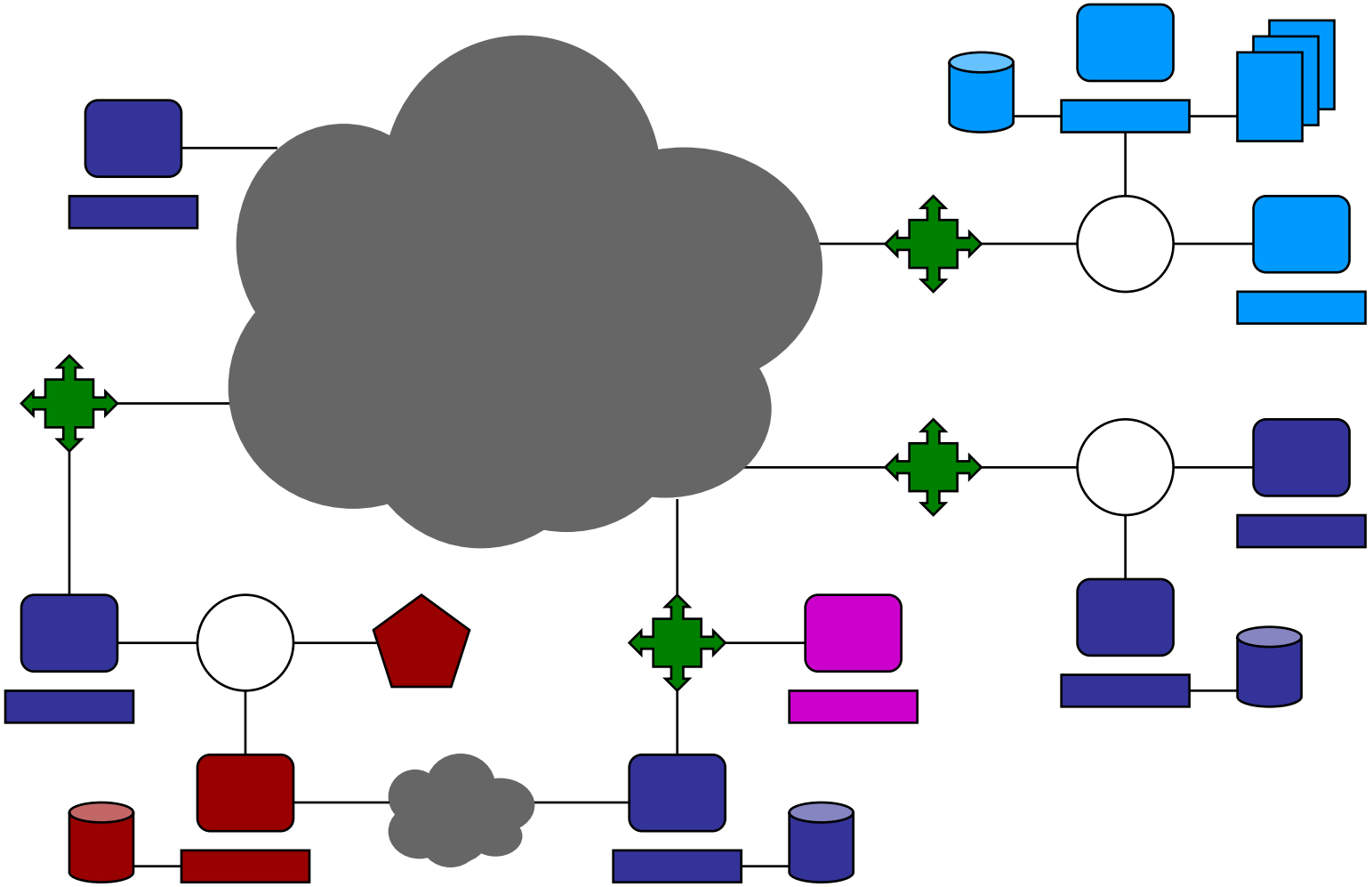
Physical-Centric



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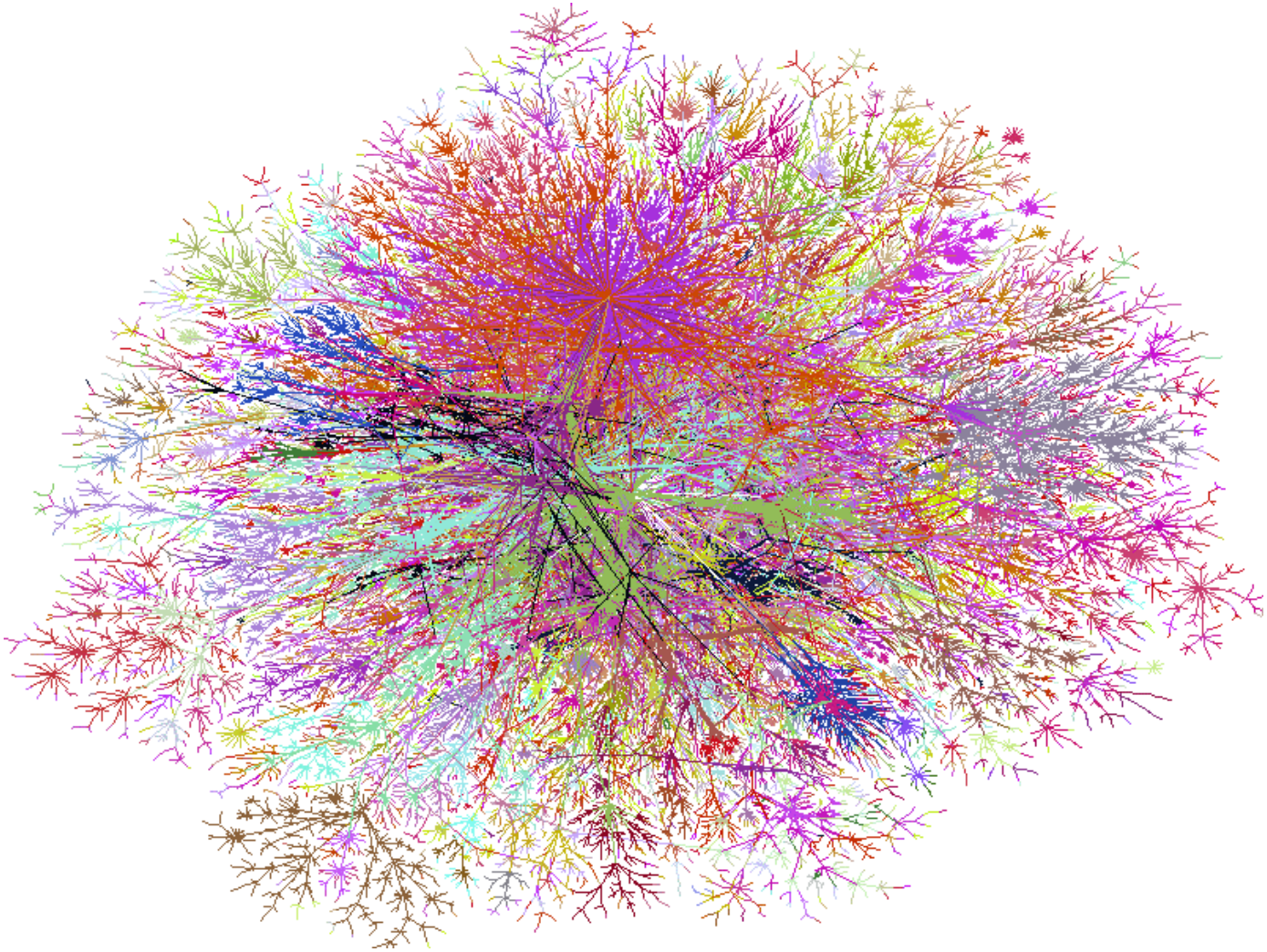
ISP-centric



Source: http://www.cheswick.com/ches/map/gallery/index.html

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Difficulties

Generation from flow

Pertinence to current threat model

Ability to represent activity

Clarity to decision-makers

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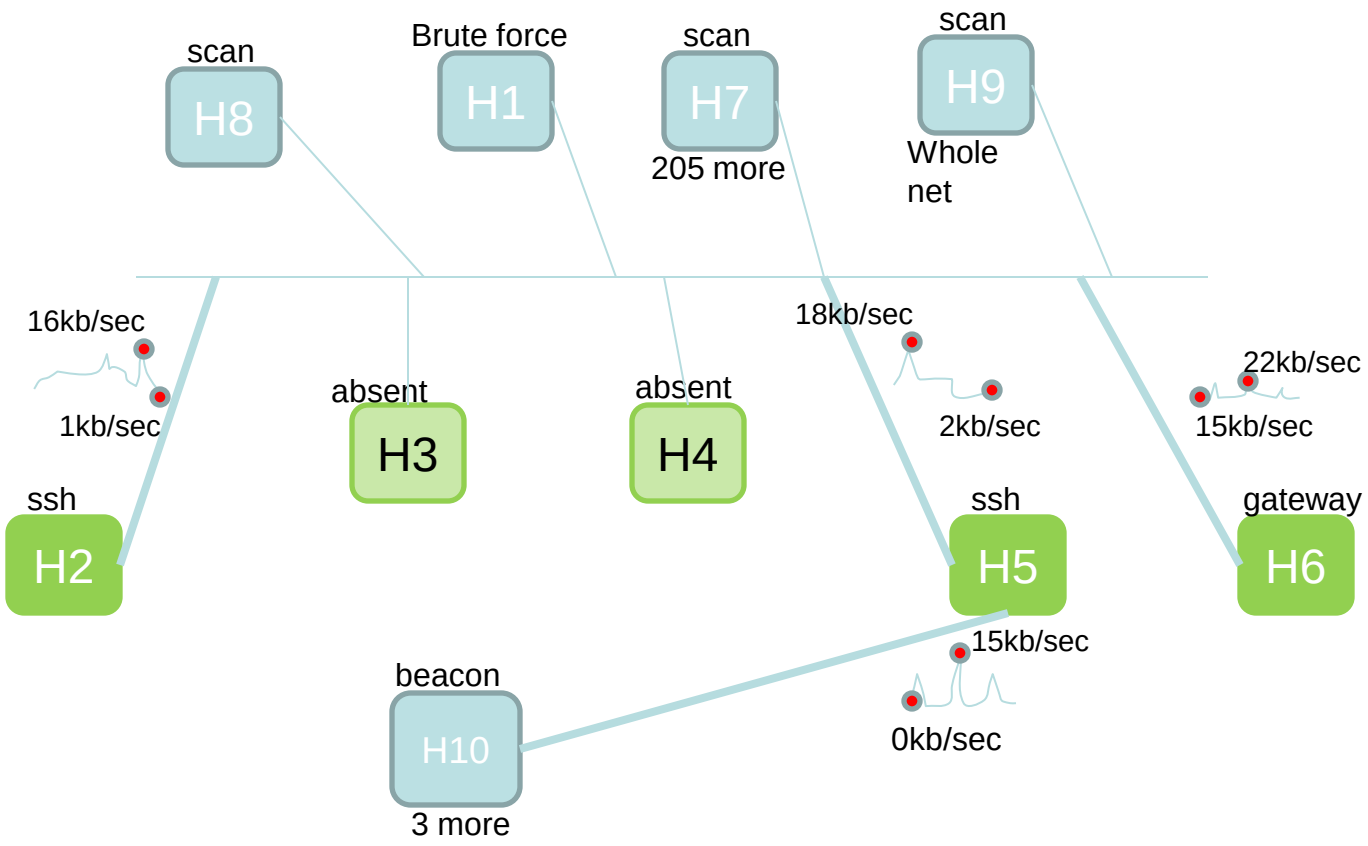
Connection-centric



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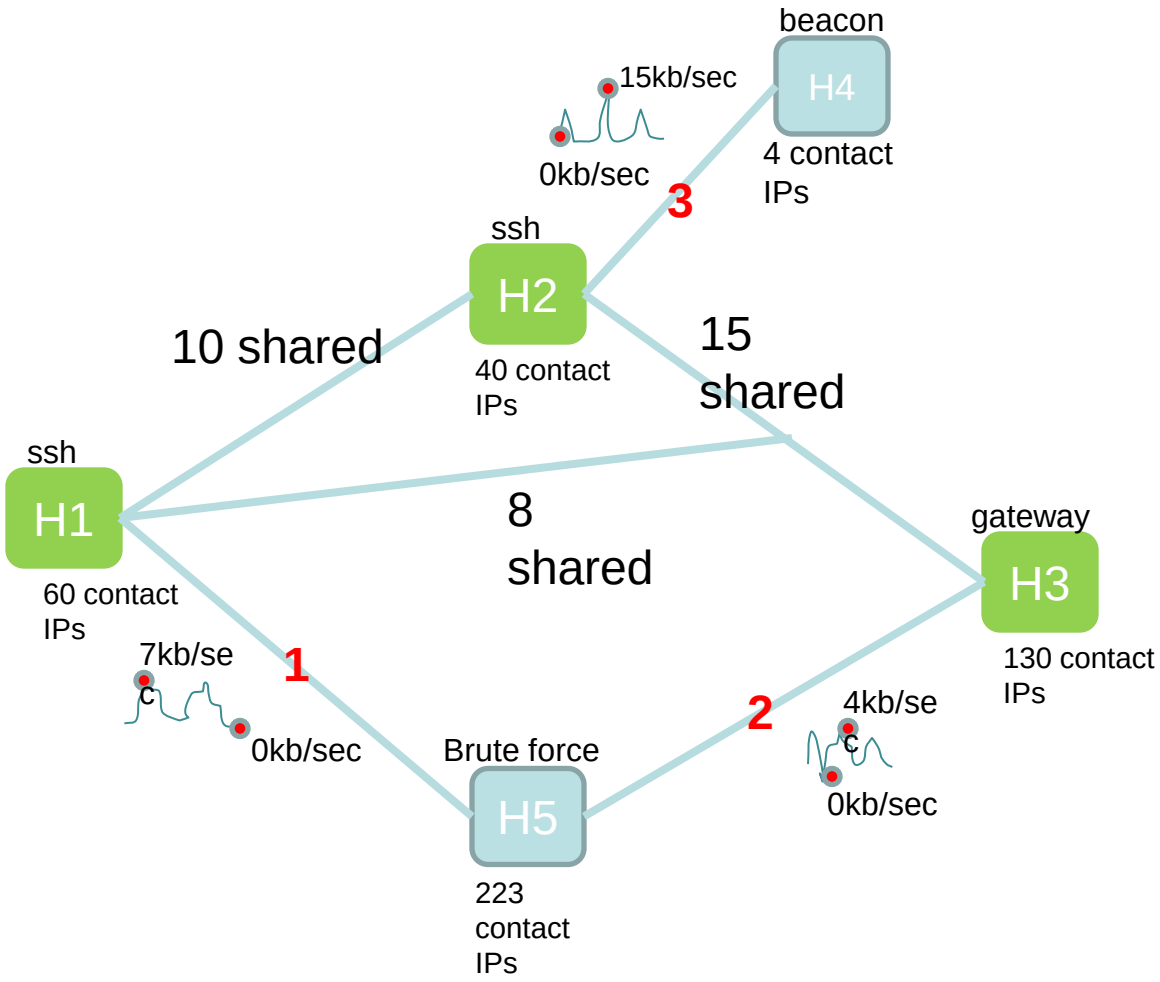
Address-Centric



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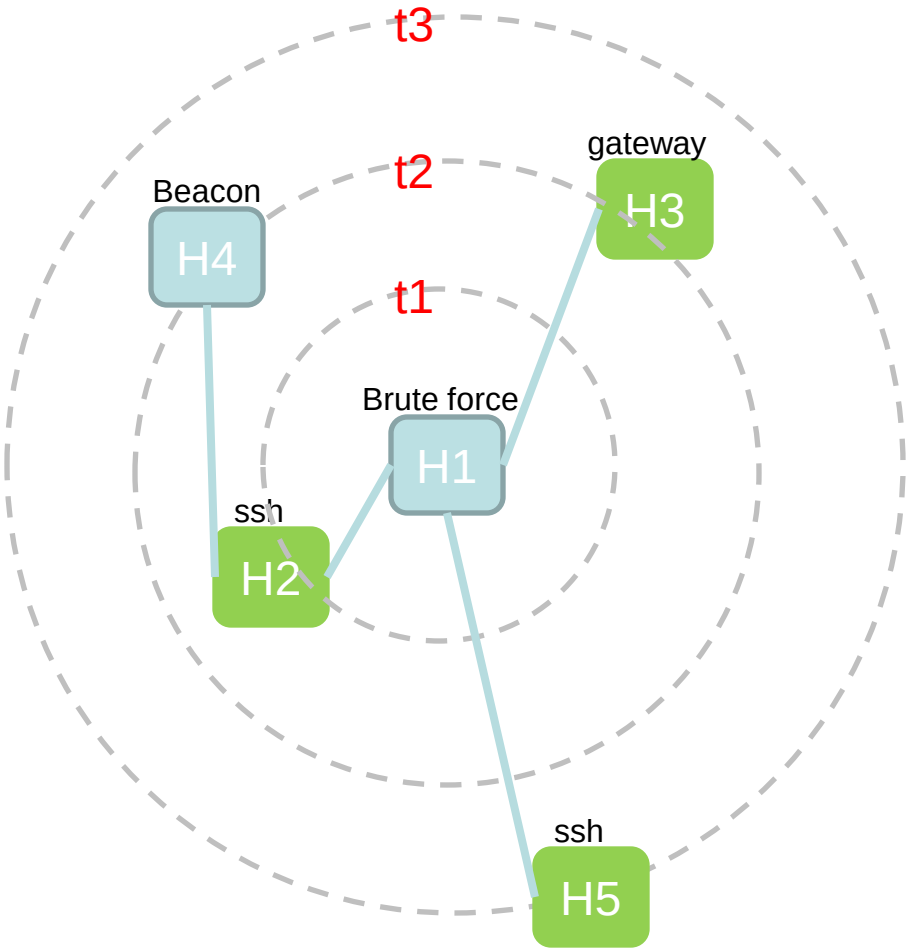
Time-Centric



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Situation

Timeframe

Volume

Hosts

Services

Contacts

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Display

Position

Color

Labeling

Juxtaposition

Clutter elimination

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Goals

Questions

Flow-based generation

Multivariate

Awareness

Decisions

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Summary

Supergraphics

Flexibility

Self-interpreting

Questions?

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