



Architecture Panel

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Our charge

1. What is the future of the perimeter?
2. What are likely models for the campus network?
3. What is the best approach to on-and-off enterprise laptop?
4. What role will gigapops play?
5. What are the best ways to accommodate personal lambdas?
6. What will QoS really look like?
7. What would a security architecture look like?
8. What would a management architecture look like?

So what did I miss yesterday?

- Does the current layering structure still make sense?
- Are the motivations for scale -- campus, regional, national – technical, economic, and/or political?
- So do we just need a *management architecture*?
 - Selective network services
 - Diagnostics
- Who ordered this inverted economics?
 - Disincentives for sharing - personal λ 's
- Is virtualization the path forward?
- How do we break out of the current mold for network architecture?
 - How to support the needs of network research better?
 - Should we dream of GENI?
- Should the architecture facilitate the *drive to isolation*?
- What can we learn from SMTP?
- What about enterprise architecture and the perimeter?