

CERIAS 10th Annual Symposium

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Cloud computing

- Computation can be hosted and/or moved "on demand" in large data centers
- HPC clusters
- Virtualization techniques





Other "forms" of cloud computing

- Pervasive computing
 - sensors and nano sensors networks
 - bodynets
 - intelligent energy grid
 - domotics





Security challenges

- increasing scale of participating computational nodes
- decreasing knowledge not only of their locality but also of their trustworthiness
- accountability
- who is liable of what?





Security challenges

- What is "right balance" between network security and end-point security in the "cloud"?
- Attack models?
- Trust models?
- Risk models?





Position statement

- Increased need of information assurance
- Need to take into account QoP policies, SLA and Contracts (terms & conditions)

