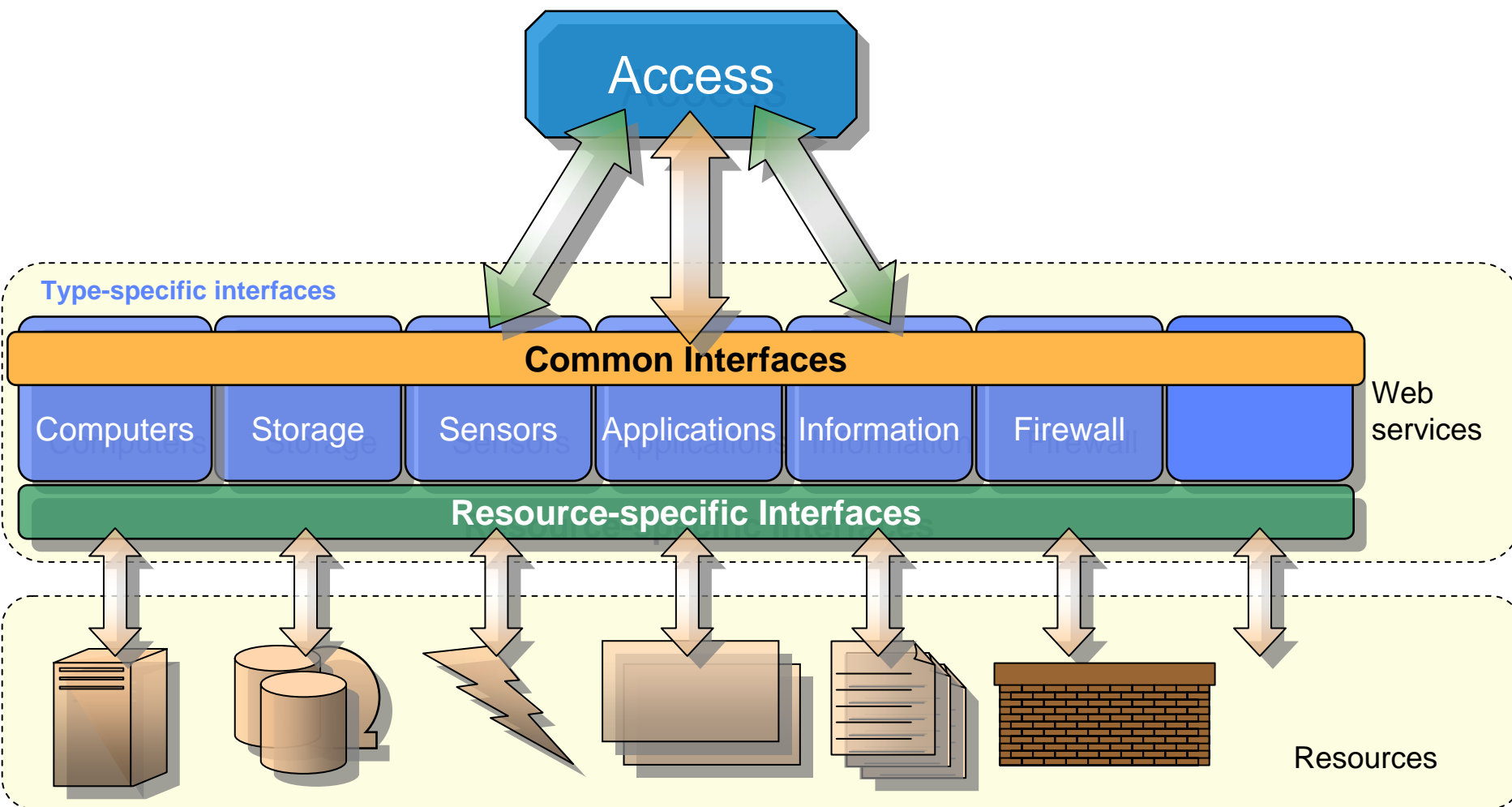# Firewall Issues Research Group

New work item?

Inder Monga

GGF18, Sept 2006

New work item?

➢ Firewall as a grid resource

  ➢ Virtualized

  ➢ Service-oriented

  ➢ Fits with OGSA

Virtualizing Resources

Access

Type-specific interfaces

Common Interfaces

Computers	Storage	Sensors	Applications	Information	Firewall	

Web services

Resource-specific Interfaces

Resources

From GGF17, Hiro Kishimoto keynote

3

Questions to be answered

- What services need to be exposed?
  - Control
    - Open/close ports, authorize connections, allow traffic from peer IP Y on port ABC
  - Management
- Other operational questions
  - What about the firewall admin? Role and control?
  - Conflict handling of rules across applications, security holes
  - Manageable, auditable solution?
- What portions from Security Area work can be leveraged?
  - Authz
  - TCG
- Feedback from researchers, vendors, firewall/network admins

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Concerns

- We are a RG

- GHPN RG synergy/conflict?

- Do we have enough interest in this within the group?

- Is this the right time to start thinking on this?

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