

# Challenge of Cloud Security in Japan -CSA JCの活動-

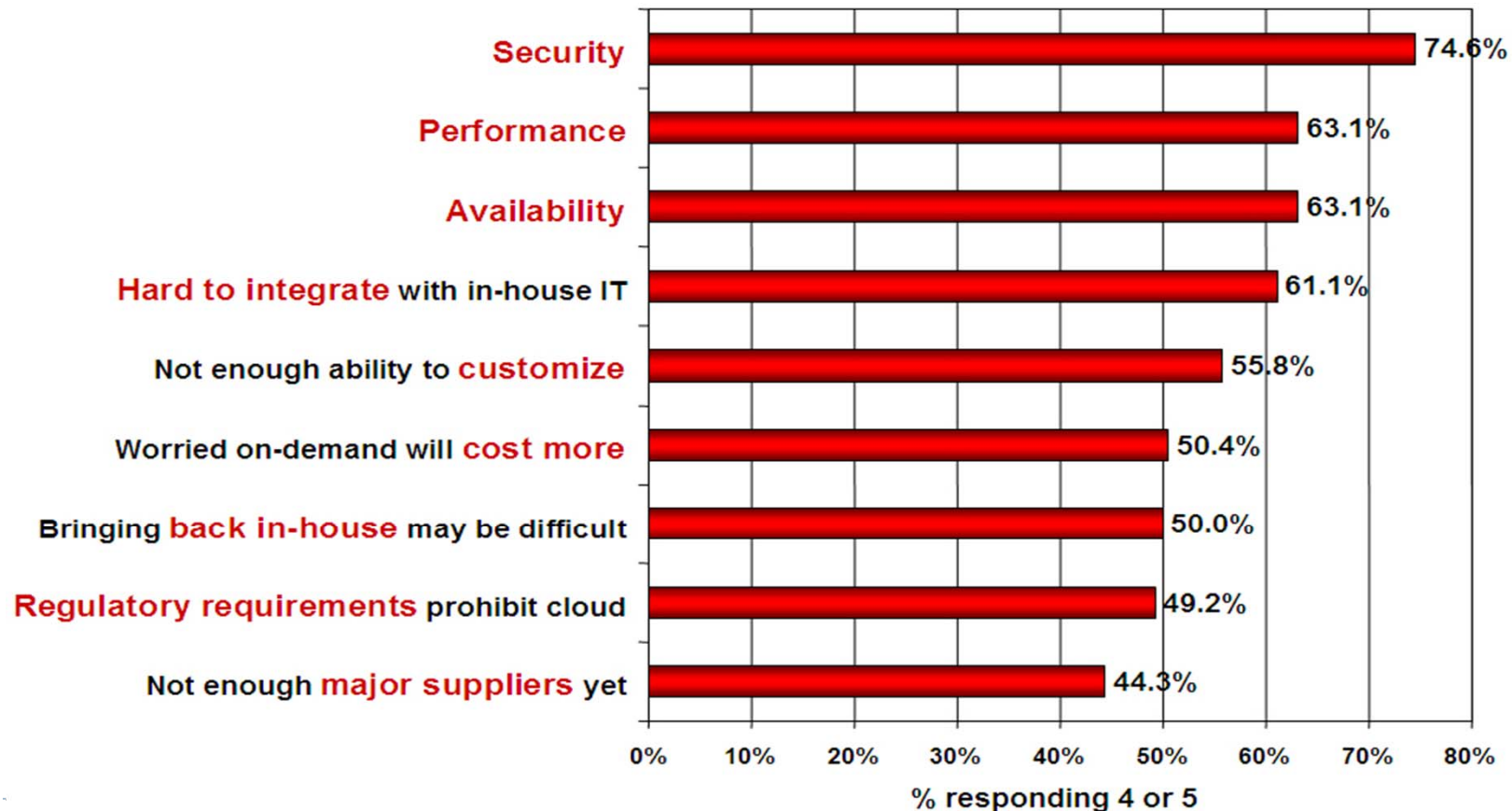
Ikuo Takahashi



# Importance of Cloud Security from NIST presentation reference



**Q: Rate the challenges/issues ascribed to the 'cloud'/on-demand model**  
(1=not significant, 5=very significant)



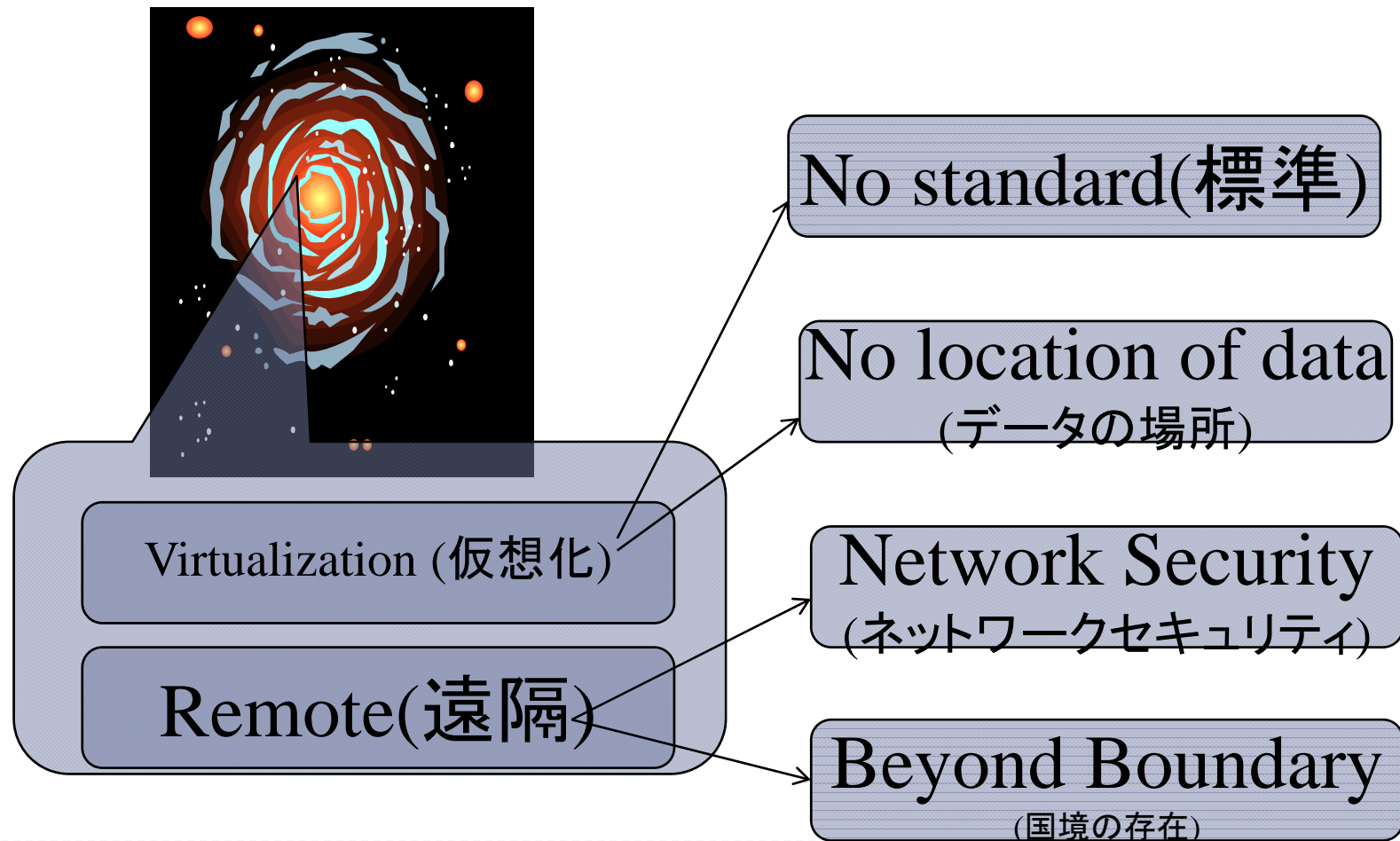
Source: IDC Enterprise Panel, August 2008 n=244



# Factor Analysis of Cloud Computing

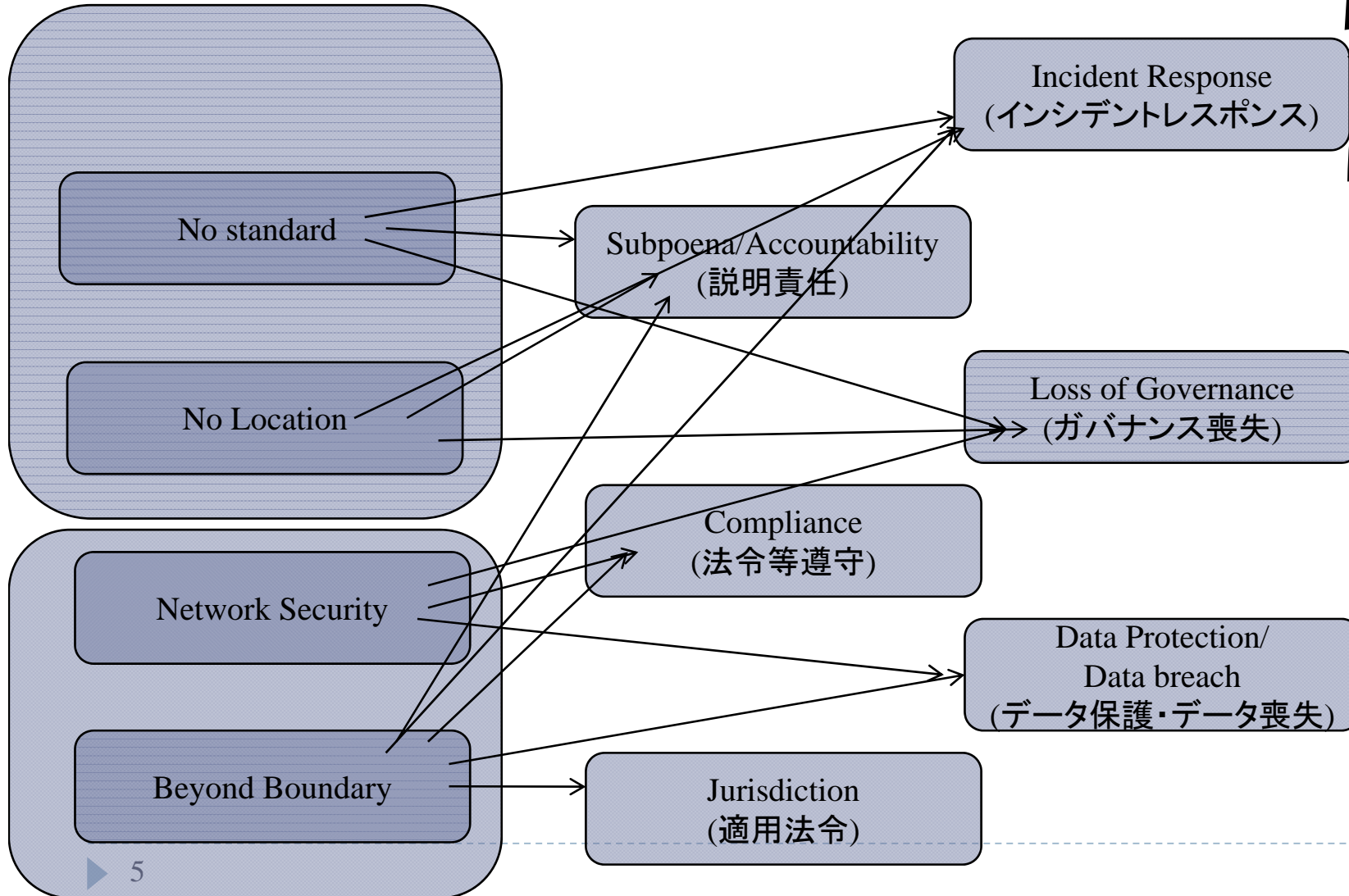
影響

仮想化因子と遠隔因子の



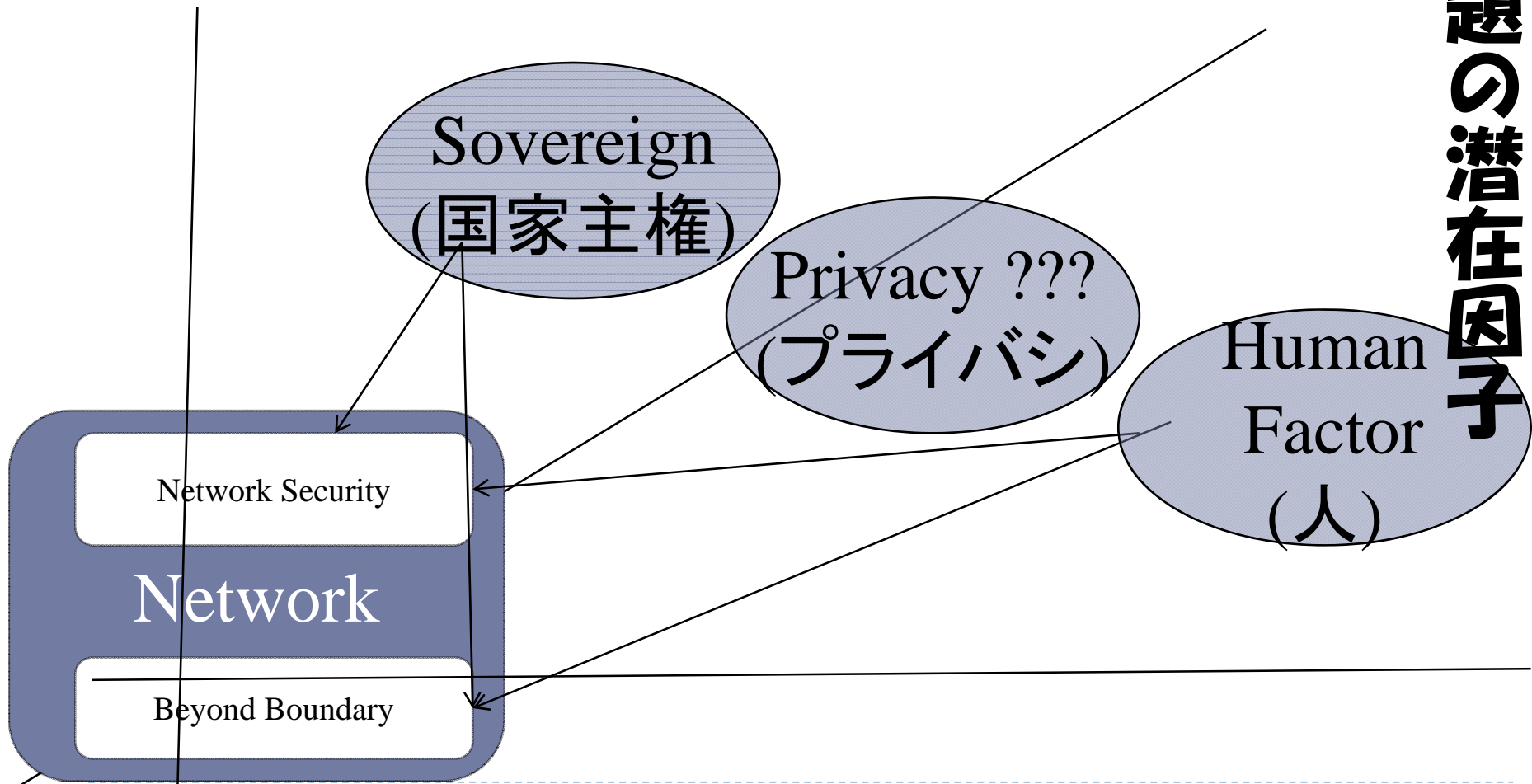
# Compliance/Governance Issues

位置づけ  
コンプライアンス問題の

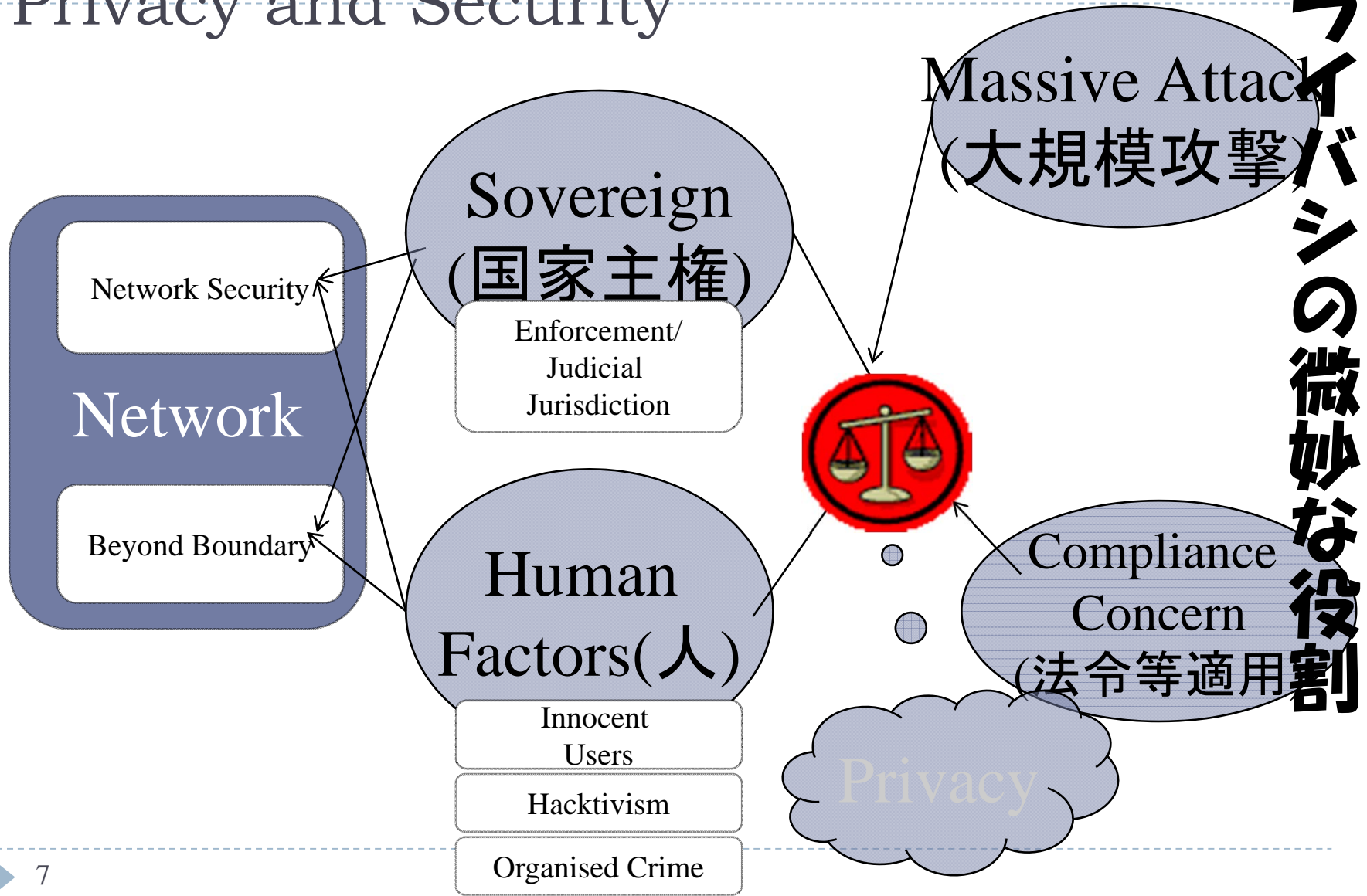


# Behind Scenes

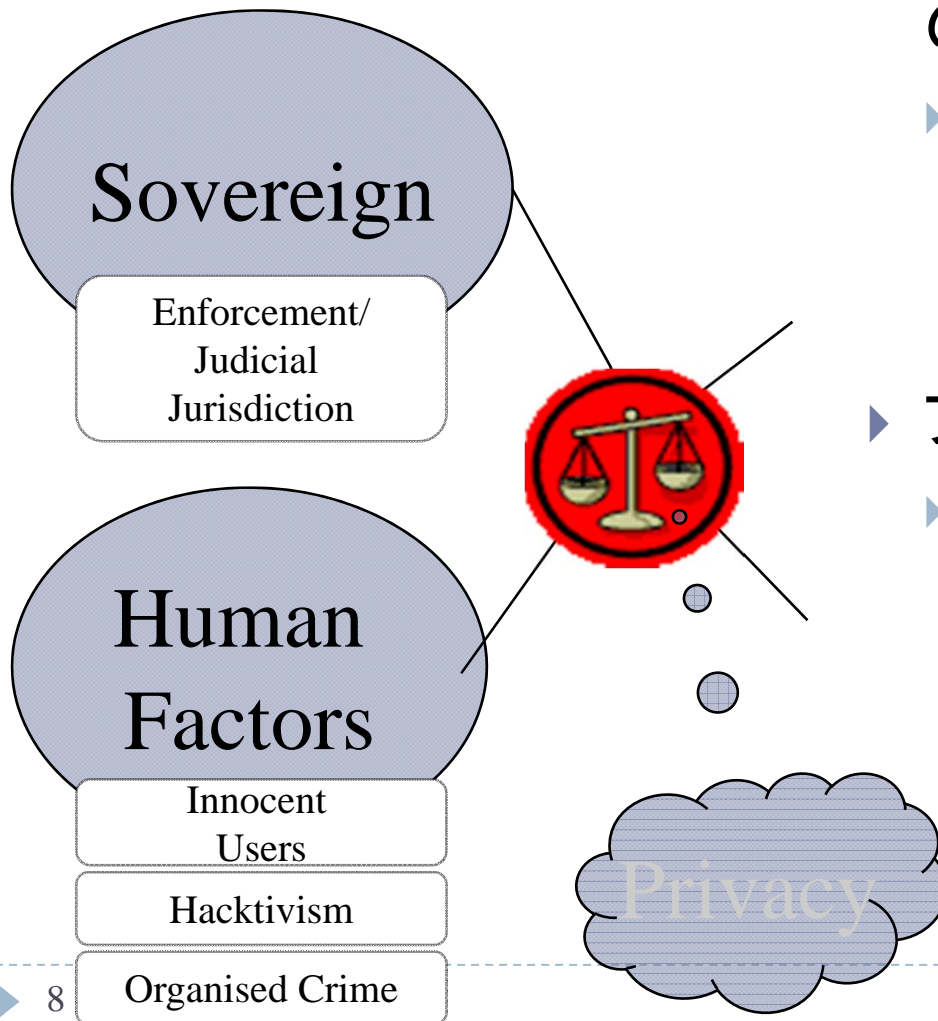
問題の潜在因子



# Privacy and Security



# Lack of balance



▶ 刑事的・行政的データ取得の標準の不存在

▶ No standard to get the information outside the boundary(Criminal, Administrative)

▶ プライバシ議論の困難性

▶ Very difficult to discuss about privacy vs. security

▶ Defend Innocent users

▶ Prevent innocent users to be troopers

バランスの喪失

# Professional Discussions

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- ▶ プロフェッショナルな議論の必要性

- ▶ Professional

- ▶ Independent, Fiduciary duty to Cloud Computing

- ▶ Ubiquitous merit to all over the world

- ▶ 議論の支援の必要性

- ▶ Industrial supported, not oriented



# Right balance of Cloud Computing

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- ▶ User do not perceive security risks
  - ▶ リスク認知の困難性
- ▶ Professional contribution(プロとしての使命)
  - ▶ リスク認知の支援と緩和策の提言
- ▶ Responsible discussion
  - ▶ Samurai spirit- Your word has a spirit.
  - ▶ Who are you? Trust in you.
  - ▶ Chain of Trusts



# Missions, Principles of CSA JC

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- ▶ **Mission (使命)**

- ▶ Best practice of Cloud Computing

- ▶ **Principles (原則)**

- ▶ International Cooperation
- ▶ Cooperation between technology and governance
- ▶ Professional attitude
- ▶ Right balance of risks and benefits

# Works of CSA JC

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- ▶ **Prevailing of Best Practice(ベストプラクティスの普及)**
  - ▶ CSA Guidance(ガイダンス)
  - ▶ Matrix(マトリックス)
  - ▶ Future development by CSA Global(今後の成果の日本における普及)
  
- ▶ **Contributing to CSA Global**
  - ▶ Proposal of mutual recognition framework
  - ▶ ...

# Framework and industrial standard

- ▶ クラウド・コンピューティング条約の必要性
  - ▶ Cloud Computing Convention Initiative (?)
    - ▶ 保存データのセキュリティ標準
      - Cloud Stored Security Standard all over the world
    - ▶ プライバシの適用法についての国際合意
      - Applicable law of privacy
    - ▶ 行政調査についての標準データ
      - Industrial Standard for administrative investigation
    - ▶ 説明責任・レスポンスにおける標準手法
      - Industrial Standard for Forensic research of cloud stored data
    - ▶ 民事裁判における開示手続の適用と除外
      - Define the domicile at Civil litigation
    - ▶ ....

産業標準と枠組の必要性

Join Today !!

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ありがとうございます。