Cloud Service Providers – Operational Support (4)

Provisioning/Config
- Rapid Provisioning
- Resource Change
- Monitoring & Reporting
- Metering
- SLA Management

Portability/Interoperability
- Data Portability
- Copy Data To-From
- Bulk Data Transfer
- Service Interoperability
- Unified Management Interface
- System Portability
- VM Images Migration
- Application/Svc Migration

Security
- Authentication and Authorization
- Availability
- Confidentiality
- Identity Management
- Integrity
- Security Monitoring & Incident Response
- Security Policy Mgmt

Privacy
- TBD

Cloud Service Consumers

Cloud Brokers

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The Combined Conceptual Reference Diagram

Cloud Consumer
- Cloud Provider
  - SaaS
  - PaaS
  - IaaS
  - Resource Abstraction and Control
  - Hardware
  - Facility
  - Cloud Service Management
    - Business Support
    - Portability/Interoperability
    - Provisioning/Configuration

Cloud Auditor
- Security Audit
- Privacy/Impact Audit
- Performance Audit

Cloud Carrier

Cloud Broker
- Service Intermediation
- Service Aggregation
- Service Arbitrage

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