Business Technology Briefing: Leveraging a Cloud Assessment Tool to Optimize Your Cloud Strategy

Joe Kovara

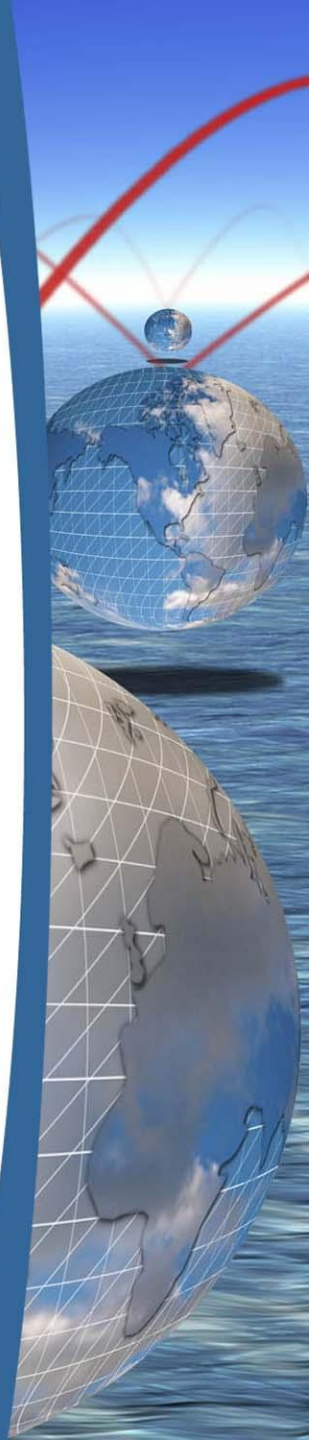Senior Principal Consultant

Certified Security Solutions, Inc.
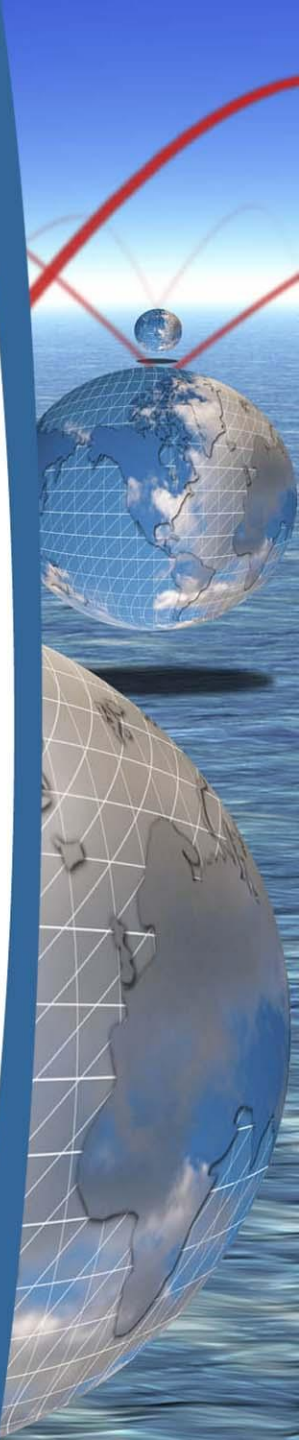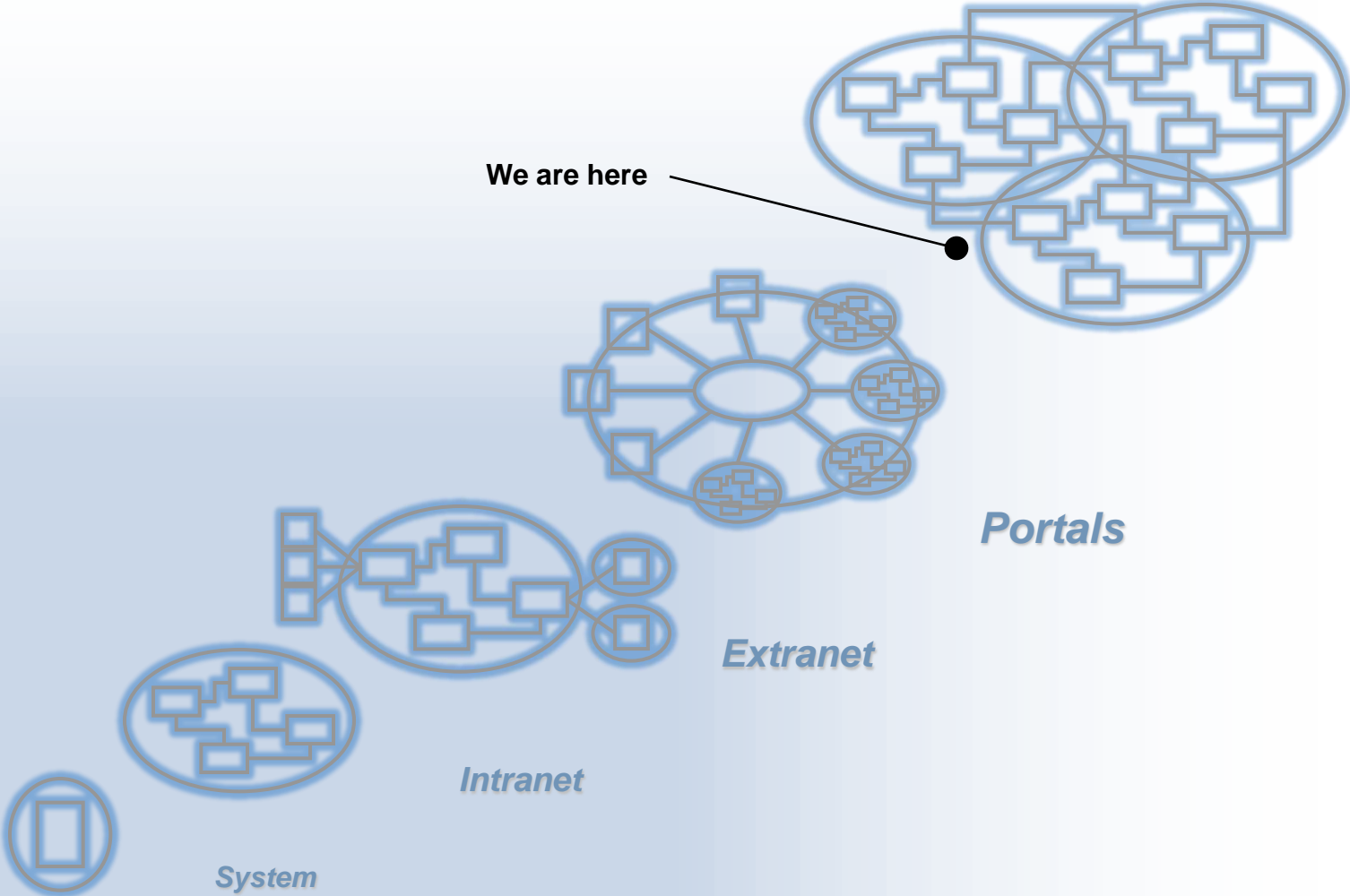
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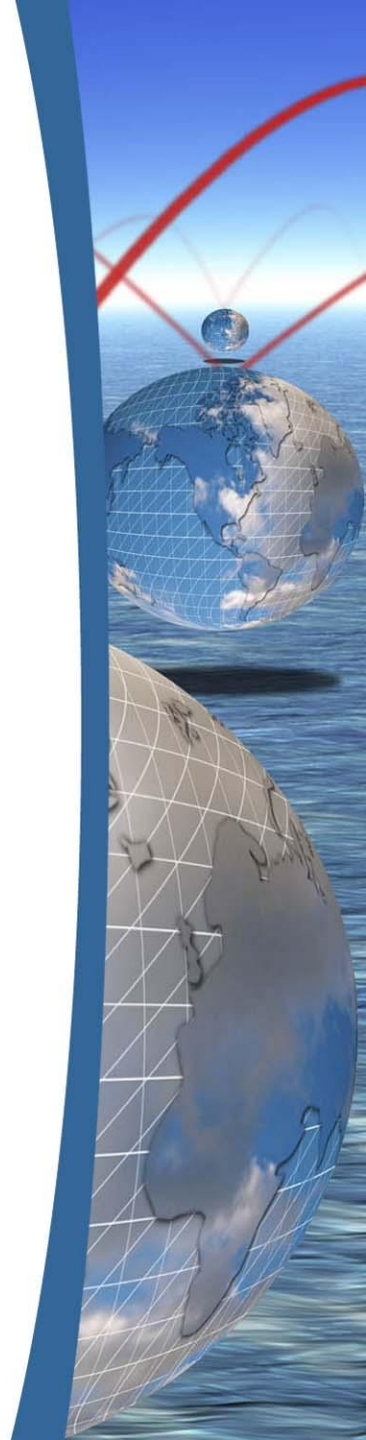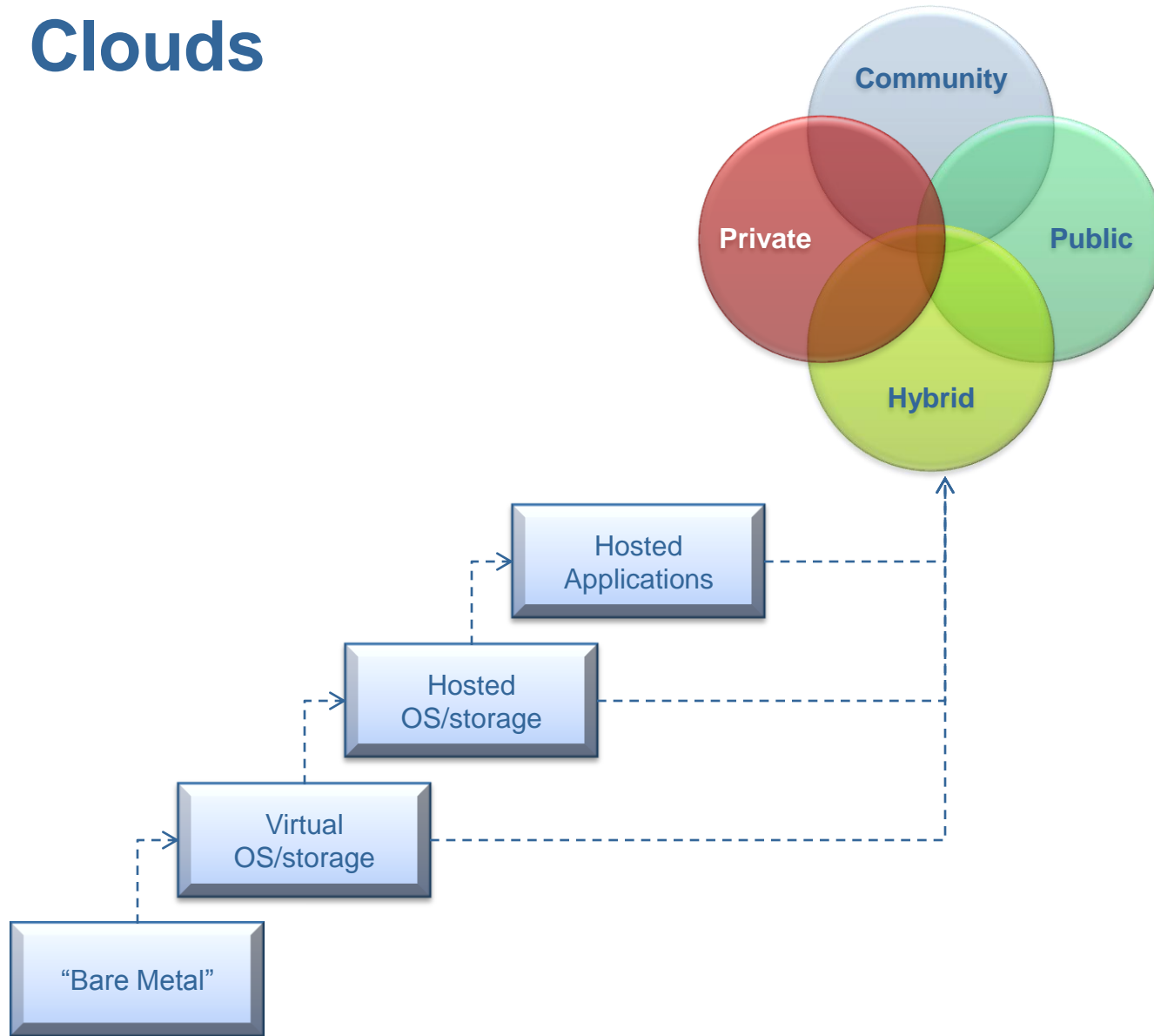Microsoft®

Introduction

- Application Focus
  - Public Cloud – "Ready-to-Wear "
  - Private Cloud – "Custom Tailored"
- Trajectory
  - Evolution or Disruption
- Context
  - Applications and Attributes
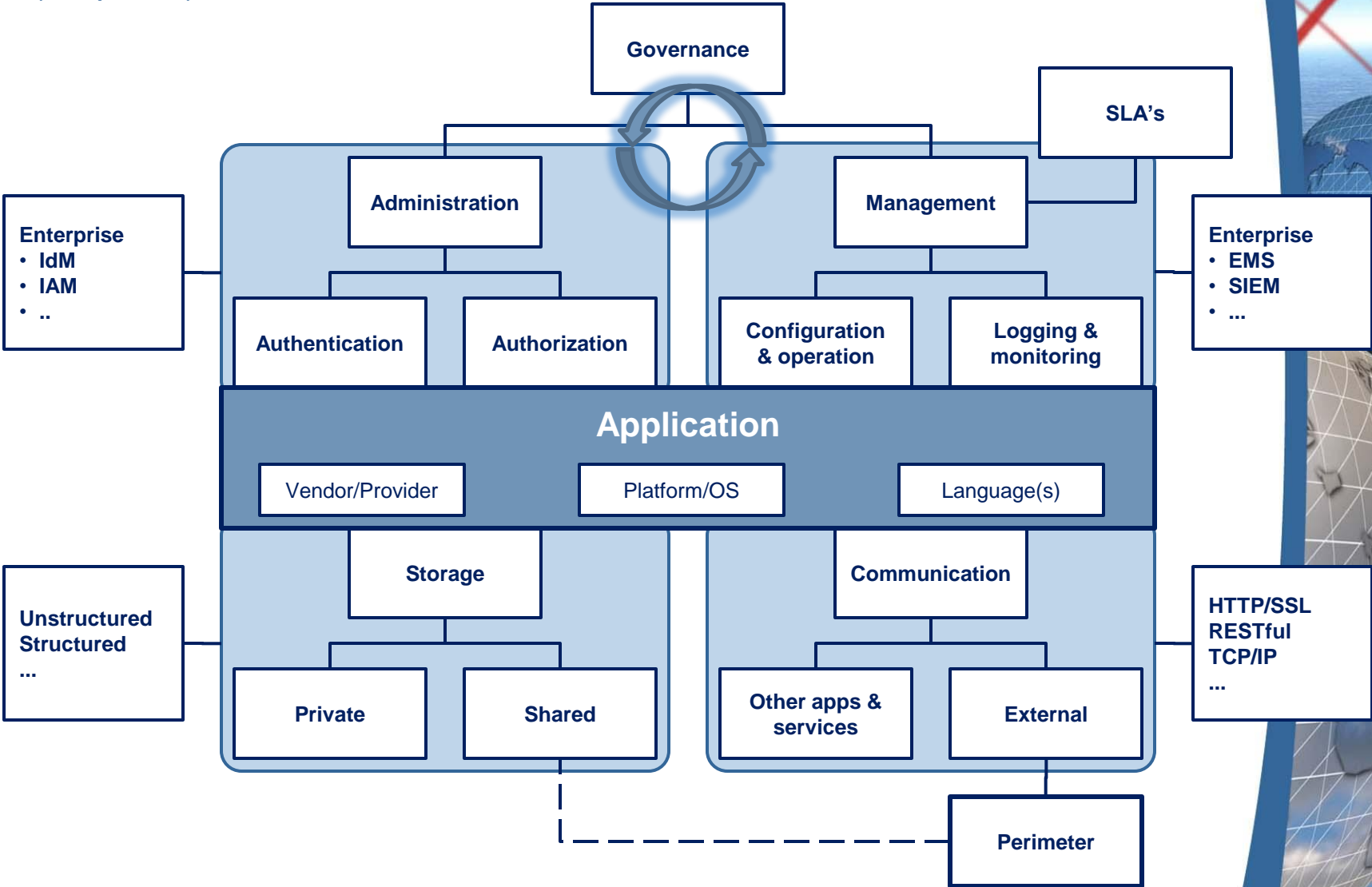- Lessons Learned
  - Findings and Key Issues

Trajectory

We are here

Portals

Extranet

Intranet

System

Clouds

Community

Private

Public

Hybrid

Hosted Applications

Hosted OS/storage

Virtual OS/storage

"Bare Metal"

Context

(simplified)

Lessons Learned (1)

- Cloud and Provider Capabilities
  - Rapidly evolving; a moving target
    - Need cloud capability model
- Process
  - Process maturity <u>may be relatively</u> neutral
    - Mature – Leverage capabilities
    - Immature – Purchase or augment capabilities
  - Acquisition and Management
    - "Our operational management is inward-focused"
    - "Our vendor management is immature"
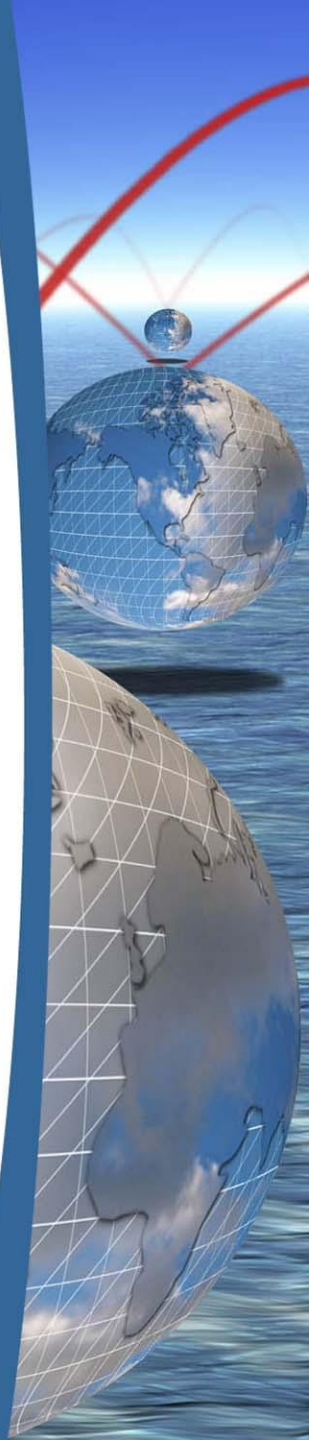
Lessons Learned (2)

- Integration
  - Integration of existing management and administrative infrastructure can be problematic across cloud boundary.
    - In particular, security
- Aggregation
  - Aggregate analysis across workloads required to determine best fit.
    - N may not make sense; N+1 may make sense
- Segregation
  - Segregation of workloads based on different requirements required to determine best fit
    - X-1 in private cloud; X-2 in public cloud. X-3 in ...
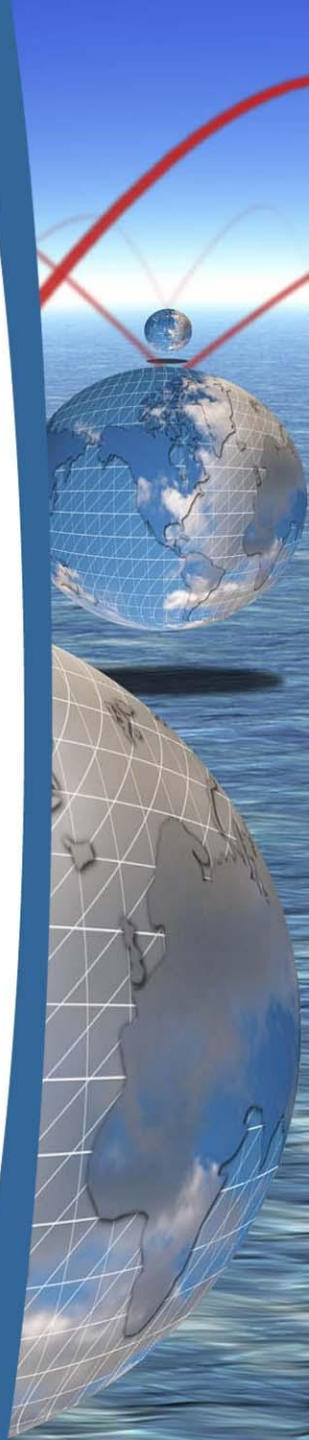
Thank You

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