



Oracle High Availability

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Agenda

- ▶ Introduction
- ▶ Context
 - System Quality Attributes
 - Availability
- ▶ Oracle Real Application Clusters
- ▶ Oracle Data Guard
- ▶ Oracle Maximum Availability Architecture





System Quality Attributes

- ▶ Sometimes called “Non-functional Requirements.”
- ▶ Clements, Bass, and Kazman classification:
 - Qualities of the system: availability, modifiability, performance, security, testability, usability.
 - Business qualities: time to market, cost and benefit, projected system lifetime, legacy system integration, etc..
 - Qualities of the architecture itself: conceptual integrity, correctness and completeness, buildability, etc.
- ▶ Architect responsibilities:
 - Elicit requirements related to system quality attributes.
 - Provide an architecture that can realize the desired system quality attributes.

