Model-Driven Autonomic Architecture

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Introduction

• Non-standard resource state/configuration interfaces
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- Non-standard resource state/configuration interfaces
- Autonomic-enabled resources use the APIs of an autonomic computing framework
Objectives

- Expose “legacy” resources through a thin manageability adaptor (e.g., WSDM-based)
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• Configure *policy engine* using resource model
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• Expose policy engine functionality through the same manageability interface…
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…so that it can be incorporated into a system of systems
Ongoing work

- Managed system metamodel
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- Managed system metamodel
- Data centre resource management case studies
Ongoing and future work

- Managed system metamodel
- Data centre resource management case studies
- IT resource metadata repository