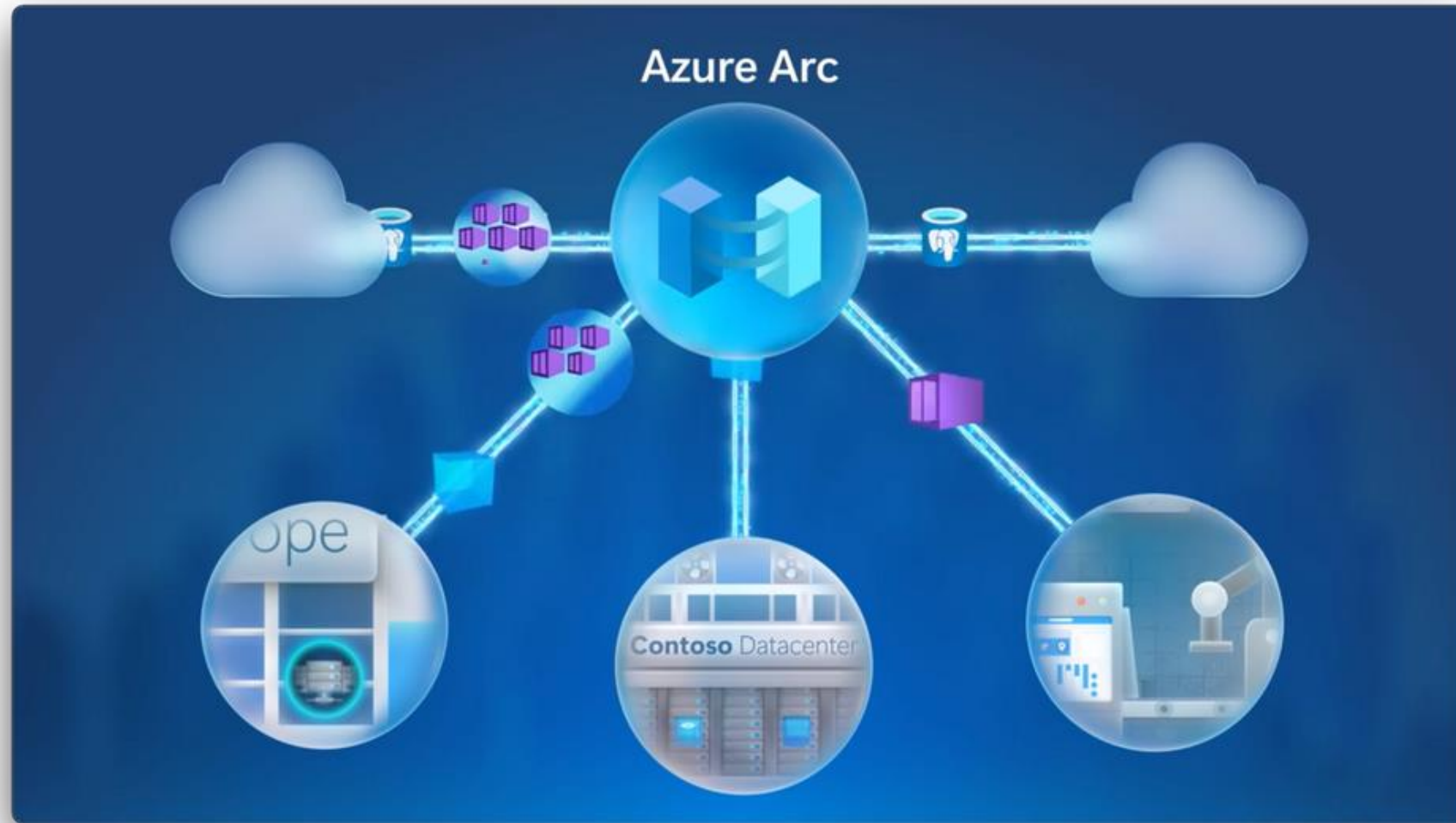


ACCA6029 - Industrial Based Research

By Jonney Corner (1809784)

Project Background



Project Context

Problem Statement

- ▶ Flexibility & Scalability
- ▶ Compliance & Security
- ▶ Different Management Solutions
- ▶ Hybrid Environment Manageability and Monitoring

Industrial Context

- ▶ Efficiency
- ▶ Cloud Adaptation
- ▶ Security & Governance
- ▶ Digital Transformation

Solutions

- ▶ Improved Operational Efficiency
- ▶ Hardened Security & Compliance
- ▶ Centralized Management
- ▶ Flexibility & Scalability

Aims & Objectives of Delivering Azure Arc

Aims

- ▶ Implement hybrid server management onto a cloud facing solution.
- ▶ Enhanced security
- ▶ Centralised management

Objectives

- ▶ Exploring a suitable method to get on-premise infrastructure accessible through the one pane of glass approach.
- ▶ Flexibility & Integration

Research and Analysis Methodologies

- ▶ Agile
- ▶ Kanban
- ▶ Lean
- ▶ Waterfall

Project Planning

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Project Planning

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Project Planning

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Project Planning

Phase 4 - Post-Deployment Optimization & Enhancements (Weeks 9-10)	Week 9					Week 10					
	Activity	M	T	W	T	F	M	T	W	T	F
Carry out a thorough review of Arc estates overall posture.											
Review areas that potentially require further improvements.											
Implement improvements and performance enhancements where required.											
Move all management and monitoring for servers from VMWare to Arc as the central operations center.											
Look at the development roadmap from Microsoft and remain aware of any upcoming features that can be leveraged											

Project Resources Required

- ▶ Network bandwidth capacity
- ▶ Guarantee adequate existing server infrastructure
- ▶ Licensing requirements
- ▶ Consistent budget for ongoing and future support

Potential Impacts and Limitations

- ▶ Has the capabilities to potentially bolster management operations between a number of environments centrally.
- ▶ Maintaining a consistent blanket of security policies across a diverse set of server hardware and software can require specialist skills.

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Thank you

Presentation Recording Location

https://uowtsd-my.sharepoint.com/:f:/g/personal/1809784_student_uwtsd_ac_uk/Es58rd-a9VJHoJR422VOOKgB_zTQun6dWg8i_d6o2OZNoA?e=1xMzIt