

DSC in Azure Automation

Run configuration and orchestration as a cloud service

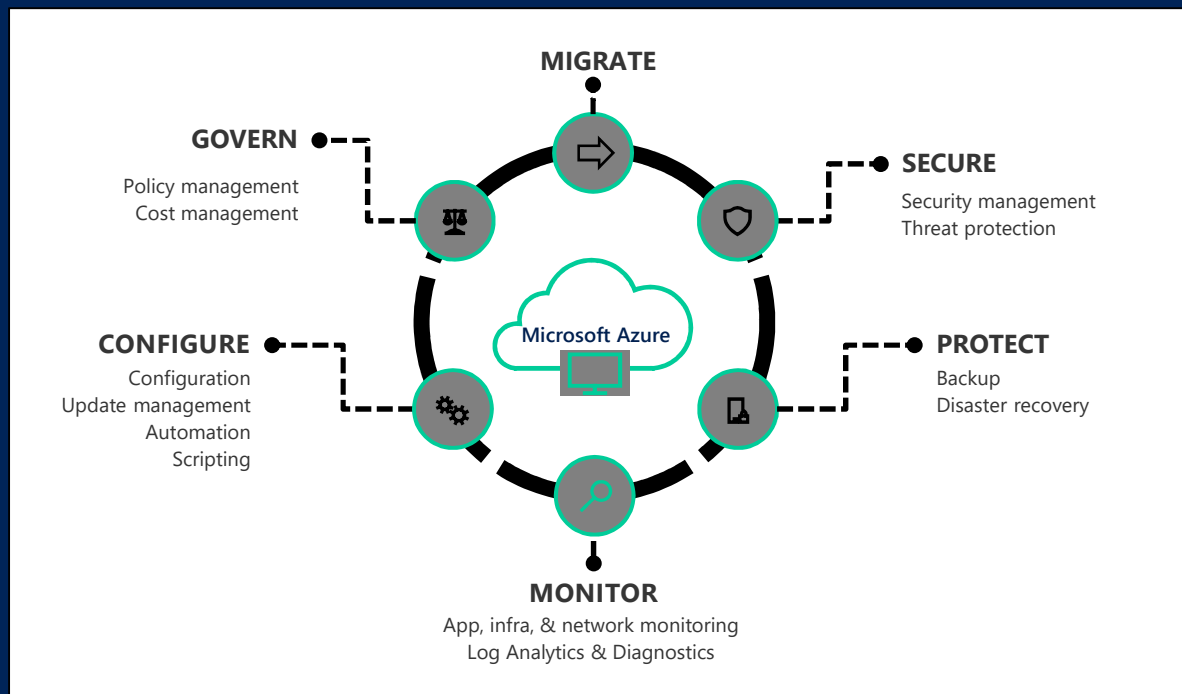


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Digital Transformation
~~Cloud~~
changes everything

Built-in cloud management capabilities



Unique features of Azure Automation DSC

- All data is encrypted in transit and at rest
- Client certificates are created and managed automatically
- Secrets store for centrally managing assets such as secrets, variables, and service connections
- Centrally manage node LCM configuration
- Centrally assign configurations to client nodes
- Release configuration changes to "canary groups" for testing before reaching production
- Graphical reporting
- Status detail at the DSC resource level of granularity
- Verbose error messages from client machines for troubleshooting
- Integration with Azure Log Analytics for alerting, automated tasks, and a mobile app for reporting and alerting



Demo Agenda

- What is Azure Automation DSC?
 - Add Configuration / Modules
 - Manage Nodes
 - Comparison to Extension
 - Cmdlets
 - Documentation
- How would I use it in projects?
 - ARM best practices
- What is Inventory / Change Tracking / Update and how does it compliment DSC?
- How do I use it with Log Analytics?
- What's happening next for DSC service?
 - Composite Authoring

