



Azure Crash Class:

Deploy Azure ARM Templates



Expected Learning Outcomes

Azure Crash Course: Deployment of ARM Templates



By the end of this section, you should be able to:

- Differentiate between single and nested templates
- Describe incremental and complete deployment modes
- List key Azure IaaS and PaaS templates



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Break down a solution into targeted components

Can have different main templates

Use parameters to conditionally link to nested templates



Single Templates vs. Nested Templates

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- Deploy either using a single template or a main template with multiple nested templates
- Nested templates are common for more advanced scenarios

- You can break down a solution into targeted components
- You can reuse nested templates with different main templates



Deployment Modes

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Incremental

- Default mode
- Doesn't remove or modify resources
- Provides support for versioning and rolling back deployments



Complete

- Deletes resources not mentioned in the template
- Best for "Starting Fresh" or refactoring a solution



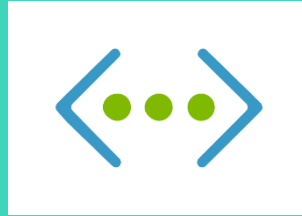
Azure IaaS

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Key Azure Infrastructure as a Services (IaaS):



**Azure Virtual
Machines**



**Azure Virtual
Networks**



Azure Storage



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PaaS Services:

- Azure Apps
- Azure Functions
- Azure SQL
- Azure Data Factory
- Azure Data Lake Analytics

Key Services:

- Azure Web App and SQL
- Azure Web App in App Service Environment
- SQL Elastic Pool





Want More?

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Learn more about
Azure ARM Templates:

*Azure Masterclass:
Manage your Azure
Cloud with ARM
Templates*



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