



Manage your Azure Cloud with ARM Templates

Template Limits

Here are some template limits that you must keep in mind while working with Azure ARM templates.

Template size: 1MB

Parameter file size: 64 KB

You are also limited to:

256 parameters

64 output values

256 variables

24,576 characters in a template expression

800 resources (including copy count)

Useful Tips

Here are some useful tips to keep in mind while working with ARM templates:



REMEMBER

Pass templates through JSON validator

Format JSON for better readability





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Nested Templates: Best Practices

While creating nested templates, keep these four key properties in mind. Always make sure you include these four properties in your nested templates.

Main Template

Input parameters

Shared Resources Template

Deploy shared resources

Optional Resources Template

Conditionally deploy resources

Member Resource Templates & Scripts

Reusable or custom scripts

Deployment Modes

Azure ARM templates has two deployment modes: incremental and complete.

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

