

1. ARM → ARM Templates are preconfigured scripts you can use to deploy single machines or whole environments with ease.

→ Just JSON files.

→ Can be single or multiple modularized templates.

→ Can be deployed via:

- Azure Portal

- Github

- Azure CLI

- Cloudshell

- Powershell

- Rest API.

Templates are divided up into several JSON elements.

1. \$ schema ✓
2. Content Version ✓
3. api Profile
4. Parameters
5. Variables
6. Functions
7. Resources ✓
8. Outputs.

\$ schema → defines the version of the Template language.

Add. Versions → V.S code, sub. deployments, management group deployments, Tenant Deployments.

2. Content Version → is the version of the Template → helps you to understand what iteration of the script you are on.

3. Resources → Defines what you want to deploy or update in the template.

4. api Profile → Primarily for Azure Stack

helps keeping consistency b/w Azure & Azure stack locations you may have.

5. Parameters → used to store service parameters to be used during deployment.
6. Variables → Create & define variables, can store output data for use in deployment reports.
7. Functions → create your own user-defined
8. Outputs → Return values from deployed resources.