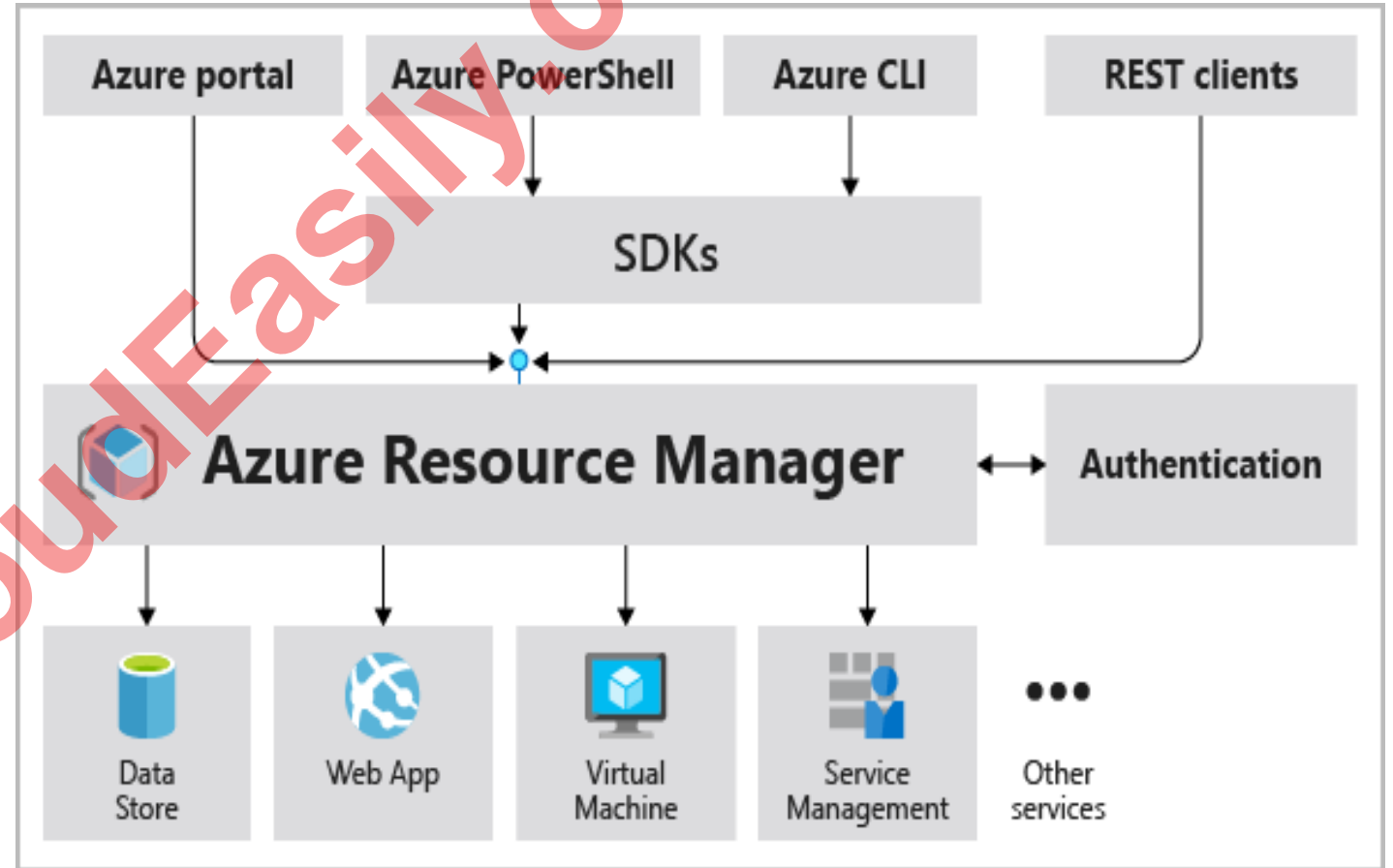


Azure Resource Manager (ARM)

Azure Resource Manager (ARM)

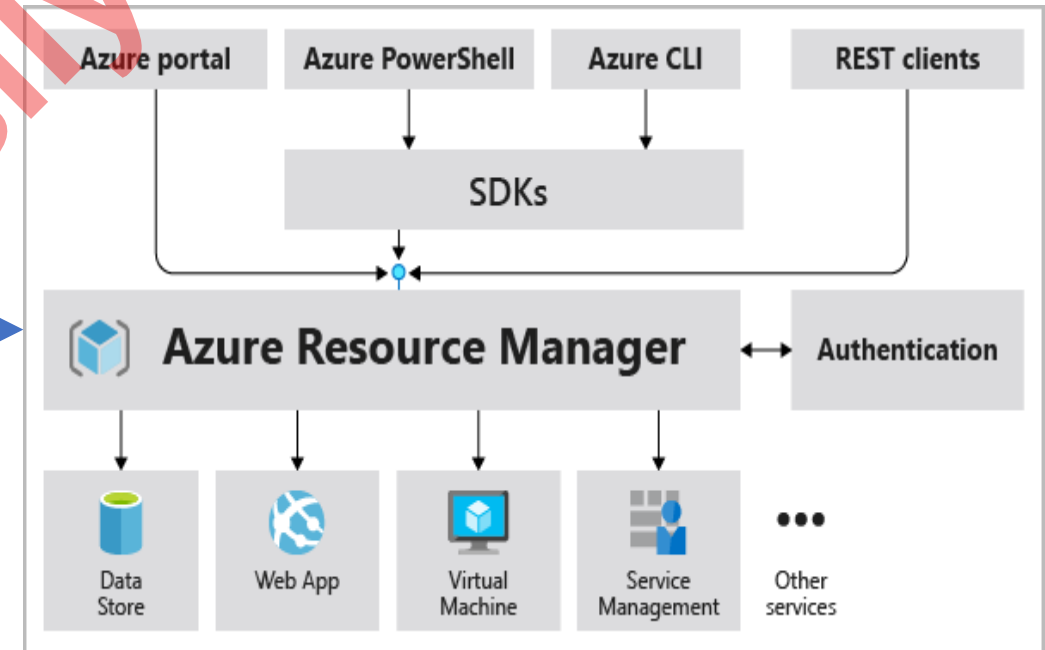
- ✓ Deployment and management Azure service for creating and managing Azure resources
- ✓ Management layer that enables you to create, update, and delete Azure resources
- ✓ Whatever the mode of sending commands, ARM receives & execute the request



Azure Resource Manager (ARM)

Azure Resource Manager (ARM) Template

- ✓ Declarative files used to define and provision Azure resources and their dependencies
- ✓ Supports infra as code (IaC) practices
- ✓ Provide a structured and repeatable way to create and manage Azure resources ✓



Azure Resource Manager (ARM)

Key Points About Azure ARM Templates

Declarative Syntax

Provides data discovery capabilities to locate and catalog data sources

Reusable and Versioned

Templates can be reused across multiple deployments

Consistent Deployment

ARM templates support consistent deployments

Parameterization

Templates support parameters to accept input values at deployment time.

Linked Templates

Complex deployments can be split into linked templates

Validation and Testing

Azure provides tools for validating and testing templates before deployment

Integration

ARM templates can be integrated into deployment pipelines, CI/CD processes, and automation workflows

Ecosystem

A rich ecosystem of ARM templates is available in the Azure QuickStart Templates repository

