

# Using Microsoft Azure Resource Groups

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## CONFIGURING RESOURCE GROUPS



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# Azure Resource Group

A container that holds related resources for an Azure solution. It can include all the resources for the solution, or only those resources that you want to manage as a group.



# Resource Group Rules

Resources in a resource group should share the same lifecycle

Each resource can only exist in one resource group

Resources can be added or removed to a resource group at any time

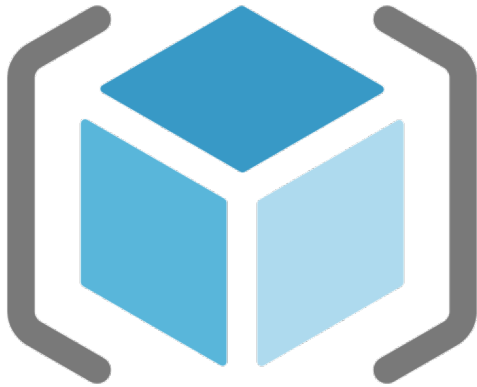
Resources can be moved from one resource group to another

Resource groups can contain resources that reside in different regions

Resources can interact with resources in other resource groups



plaz-purpose-rg



Tags



Locks



Access control (IAM)



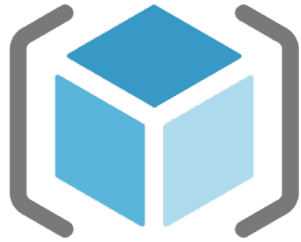
Policies



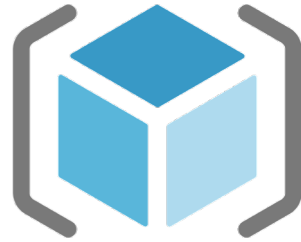
# Our Resource Groups



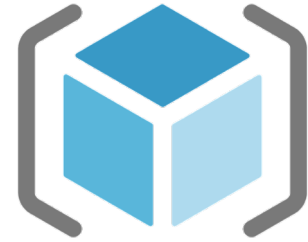
**plaz-net-rg**



**plaz-prod1-rg**



**plaz-dev-rg**



**plaz-app1-rg**



plaz-net-rg



**Purpose:** Isolate the virtual networks

**Need:** Prevent unwanted changes to any of the network resources

**Admin:** IT will deploy and maintain RG

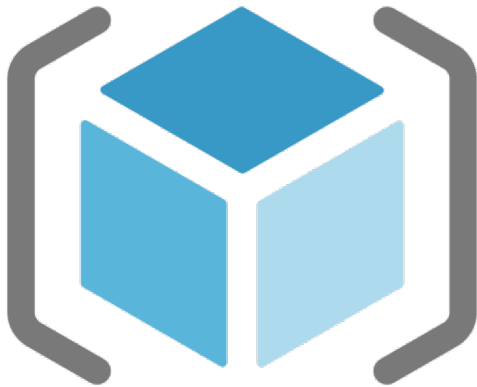
**Notes:** Resources in other RGs will use the resources in this group

**Dept:** IT

**Owner:** Inhoff Behili



plaz-prod1-rg



**Purpose:** Contain the company's VMs and their associated dependent resources

**Need:** Prevent the accidental deletion of any service or VM

**Admin:** IT group will deploy and maintain VMs for the company

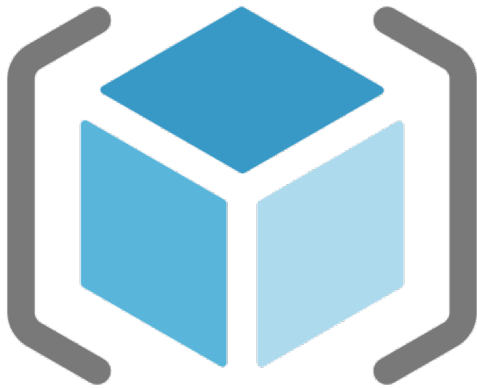
**Notes:** Resources only in East US location

**Dept:** IT

**Owner:** Susan Berlin



plaz-dev-rg



**Purpose:** Isolate the resources that are used for development and research

**Need:** Flexibility, since many resources will be created and deleted

**Admin:** Developers will need full control

**Notes:** Costs will be isolated

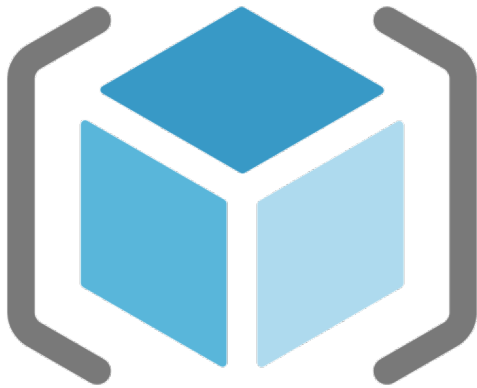
**Dept:** Research

**Owner:** Brad Cocco





plaz-app1-rg



**Purpose:** Consolidate the resources needed for an application

**Need:** Isolated from other resources

**Admin:** Developers will need to update the application periodically

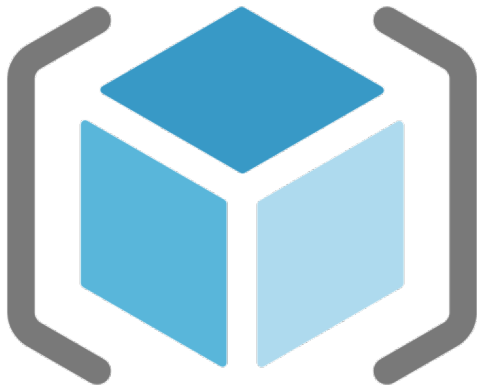
**Notes:** No additional resources should be added after application deployment

**Dept:** IT

**Owner:** Brad Thomas



plaz-host-rg



**Purpose:** Contain customer VMs and all of their related resources

**Need:** No access to VM for employees

**Admin:** IT will maintain and deploy VMs

**Notes:** The costs of the resources need to be isolated from other company costs

**Dept:** Sales

**Owner:** Inhoff Behili

