

S námi nezůstanete pozadu

Azure Resource Manager


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Azure Resource Manager

- Hromadný provisioning služeb a resources pomocí šablon
 - Umožňuje nastavovat přístupová práva, tagy
 - Možnosti použití
 - PowerShell
 - Azure CLI
 - REST API (existuje C# SDK)
- 

Šablony

- Formát JSON (se schématem)

```
{
  "$schema": "http://schema.management.azure.com/schemas
/2015-01-01/deploymentTemplate.json#",
  "contentVersion": "",
  "parameters": {  },
  "variables": {  },
  "resources": [  ],
  "outputs": {  }
}
```

Šablony

```
"variables": {  
  "location": "[resourceGroup().location]",  
  "usernameAndPassword": "[concat('parameters('username'), ':',  
parameters('password'))]"  
}
```

```
"parameters": {  
  "myParam" : {  
    "type" : "string",  
    "defaultValue": "default"  
  }  
}
```

Šablony

```
"resources": [  
  {  
    "apiVersion": "<api-version-of-resource>",  
    "type": "<resource-provider-namespace/resource-type-name>",  
    "name": "<name-of-the-resource>",  
    "location": "<location-of-resource>",  
    "tags": "<name-value-pairs-for-resource-tagging>",  
    "comments": "<your-reference-notes>",  
    "dependsOn": [  
      "<array-of-related-resource-names>"  
    ],  
    "properties": "<settings-for-the-resource>",  
    "resources": [  
      "<array-of-child-resources>"  
    ]  
  }  
]
```

Šablony

- Galerie šablon
 - <https://azure.microsoft.com/en-us/documentation/templates/>
- Správa resources
 - <https://resources.azure.com/>

DEMO

Azure Resource Manager Templates



PowerShell

- Nasazení šablony z PowerShellu

```
New-AzureRmResourceGroupDeployment  
  -ResourceGroupName TestRG1  
  -AdministratorLogin exampleadmin  
  -TemplateUri https://.../template.json
```

```
Get-AzureRmResourceGroup  
  -ResourceGroupName TestRG1
```


DEMO

Nasazování pomocí REST API z C#

