

ARM Template

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{
  "$schema": "https://schema.management.azure.com/schemas/2019-04-01/deploymentTemplate.json#",
  "contentVersion": "1.0.0.0",
  "parameters": {
    "storageAccountType": {
      "type": "string",
      "defaultValue": "Premium_LRS",
      "allowedValues": [
        "Premium_LRS",
        "Premium_ZRS"
      ],
      "metadata": {
        "description": "Select the appropriate storage account type."
      }
    },
    "storageAccountName": {
      "type": "string",
      "minLength": 3,
      "maxLength": 24,
      "defaultValue": "",
      "metadata": {
        "description": "Define the name of the storage account for Azure File Shares. If the storage account doesn't exist, it will be created. The name must be unique across all existing storage account names in Azure. It must be 3 to 24 characters long and can contain only lowercase letters and numbers."
      }
    },
    "containerGroupName": {
      "type": "string",
      "metadata": {
        "description": "Define the name of the container group."
      }
    },
    "dnsNameLabel": {
      "type": "string",
      "metadata": {
        "description": "Define the DNS name for the container group. Name will get suffix <region_name>.azurecontainer.io. The name must be unique."
      }
    },
    "mysqlRootPassword": {
      "type": "securestring",
      "metadata": {
        "description": "Define the password for the MySQL root user."
      }
    },
    "mysqlWordpressPassword": {
      "type": "securestring",
      "metadata": {
        "description": "Define the password for the MySQL Wordpress user."
      }
    }
  },
  "variables": {
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        "storageAccountId": "[resourceId('Microsoft.Storage/storageAccounts',
parameters('storageAccountName'))]"
    },
    "resources": [
        {
            "type": "Microsoft.Storage/storageAccounts",
            "apiVersion": "2019-06-01",
            "name": "[parameters('storageAccountName')]",
            "location": "[resourceGroup().location]",
            "kind": "FileStorage",
            "sku": {
                "name": "[parameters('storageAccountType')]"
            },
            "properties": {}
        },
        {
            "type": "Microsoft.Storage/storageAccounts/fileServices/shares",
            "apiVersion": "2019-06-01",
            "name": "[concat(parameters('storageAccountName'), '/default/',
'mysqldata')]",
            "dependsOn": [
                "[resourceId('Microsoft.Storage/storageAccounts',
parameters('storageAccountName'))]"
            ]
        },
        {
            "type": "Microsoft.Storage/storageAccounts/fileServices/shares",
            "apiVersion": "2019-06-01",
            "name": "[concat(parameters('storageAccountName'), '/default/',
'wordpressdata')]",
            "dependsOn": [
                "[resourceId('Microsoft.Storage/storageAccounts',
parameters('storageAccountName'))]"
            ]
        },
        {
            "type": "Microsoft.ContainerInstance/containerGroups",
            "name": "[parameters('containerGroupName')]",
            "apiVersion": "2018-10-01",
            "dependsOn": [
                "[concat('Microsoft.Storage/storageAccounts/',
parameters('storageAccountName'))]"
            ],
            "location": "[resourceGroup().location]",
            "properties": {
                "containers": [
                    {
                        "name": "mysql",
                        "properties": {
                            "image": "mysql:5.7",
                            "resources": {
                                "requests": {
                                    "cpu": 1,
                                    "memoryInGb": 1
                                }
                            }
                        },
                        "ports": [
                            {
                                "protocol": "tcp",

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        "port": 3306
    },
    ],
    "volumeMounts": [
        {
            "name": "db-data",
            "mountPath": "/var/lib/mysql"
        }
    ],
    "environmentVariables": [
        {
            "name": "MYSQL_ROOT_PASSWORD",
            "secureValue": "[parameters('mysqlRootPassword')]"
        },
        {
            "name": "MYSQL_DATABASE",
            "value": "wordpress_db"
        },
        {
            "name": "MYSQL_USER",
            "value": "wp_admin"
        },
        {
            "name": "MYSQL_PASSWORD",
            "secureValue":
"[[parameters('mysqlWordpressPassword')]]"
        }
    ]
}
},
{
    "name": "wordpress",
    "properties": {
        "image": "wordpress",
        "resources": {
            "requests": {
                "cpu": 1,
                "memoryInGb": 1
            }
        },
        "ports": [
            {
                "port": 80
            }
        ],
        "volumeMounts": [
            {
                "name": "wp-data",
                "mountPath": "/var/www/html"
            }
        ],
        "environmentVariables": [
            {
                "name": "WORDPRESS_DB_HOST",
                "value": "127.0.0.1:3306"
            },
            {
                "name": "WORDPRESS_DB_NAME",
                "value": "wordpress_db"
            }
        ]
    }
}

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        },
        {
            "name": "WORDPRESS_DB_USER",
            "value": "wp_admin"
        },
        {
            "name": "WORDPRESS_DB_PASSWORD",
            "secureValue":
"[[parameters('mysqlWordpressPassword')]]"
        }
    ]
}
],
"osType": "Linux",
"restartPolicy": "OnFailure",
"ipAddress": {
    "type": "Public",
    "dnsNameLabel": "[parameters('dnsNameLabel')]",
    "ports": [
        {
            "protocol": "tcp",
            "port": 80
        }
    ]
},
"volumes": [
    {
        "name": "db-data",
        "azureFile": {
            "shareName": "mysqldata",
            "storageAccountName":
"[[parameters('storageAccountName')]]",
            "storageAccountKey":
"[[listKeys(variables('storageAccountId'), '2019-06-01').keys[0].value]]"
        }
    },
    {
        "name": "wp-data",
        "azureFile": {
            "shareName": "wordpressdata",
            "storageAccountName":
"[[parameters('storageAccountName')]]",
            "storageAccountKey":
"[[listKeys(variables('storageAccountId'), '2019-06-01').keys[0].value]]"
        }
    }
]
}
],
"outputs": {}
}

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