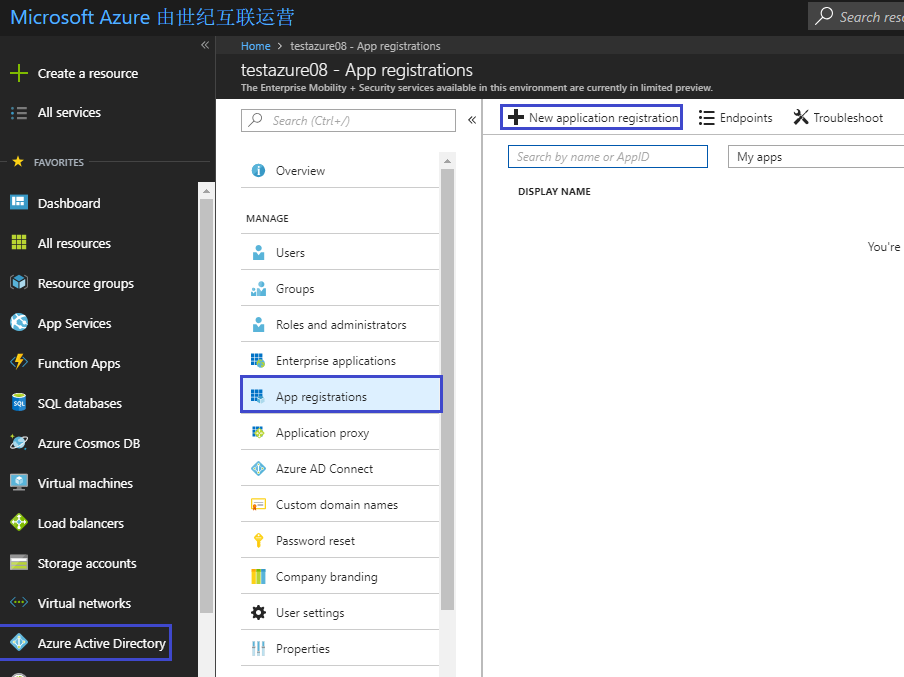
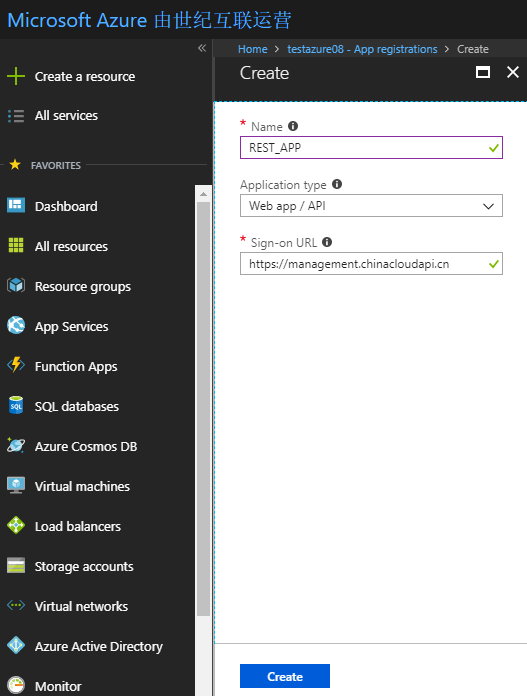
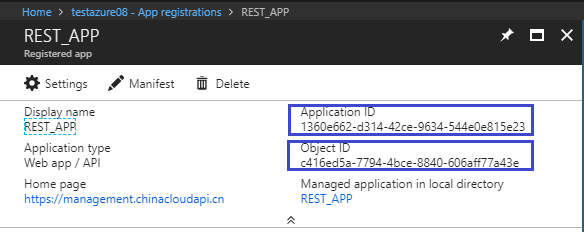
azure-resource-manager/resource-group-create-service-principal-portal.md

Step 1: Create app registration.







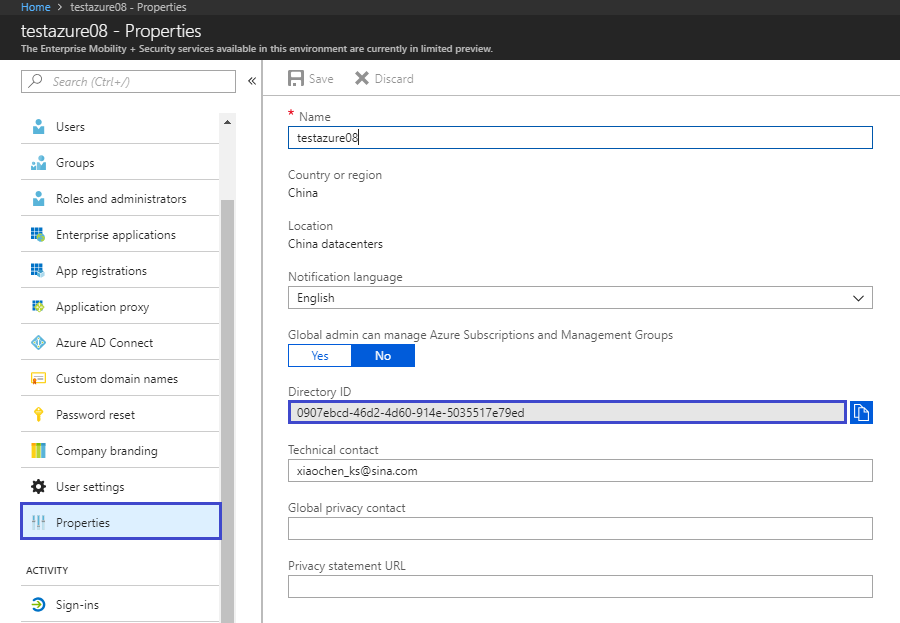
**name:** **REST\_CHENYE**

**root: https://management.chinacloudapi.cn**

**applicationid: acdd2011-5f26-457c-a707-76bff9bfd241**

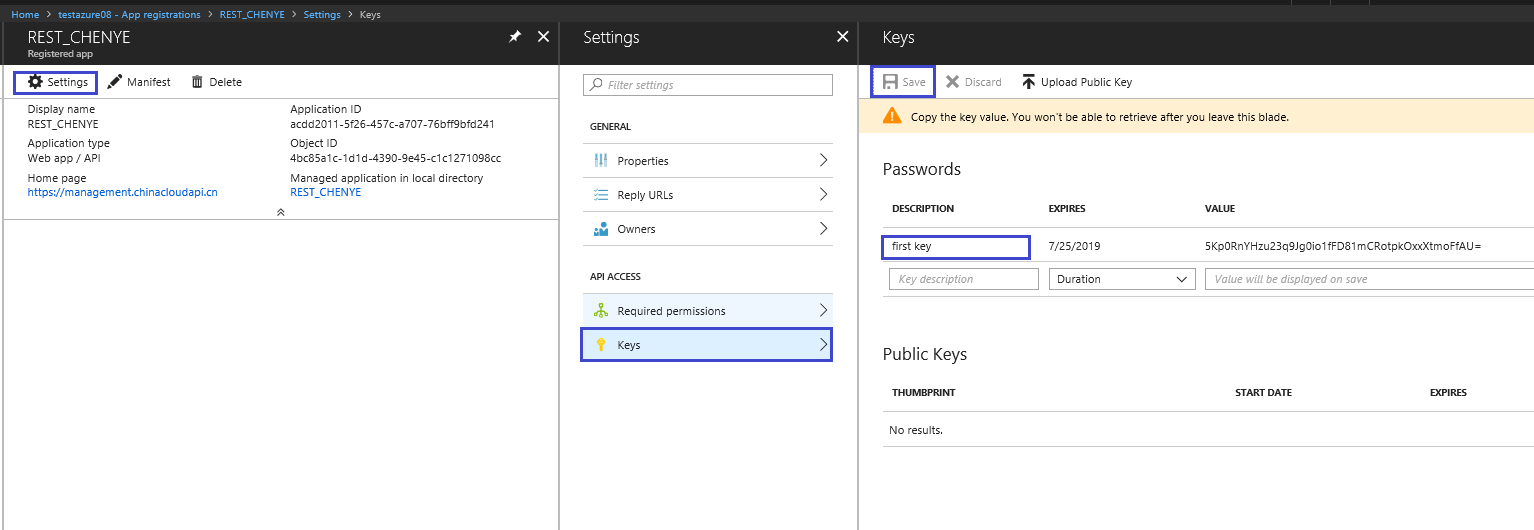
**objectid: 4bc85a1c-1d1d-4390-9e45-c1c1271098cc**

k7df+JvjmyTLw?h2/eany5[ow4dq=Os[



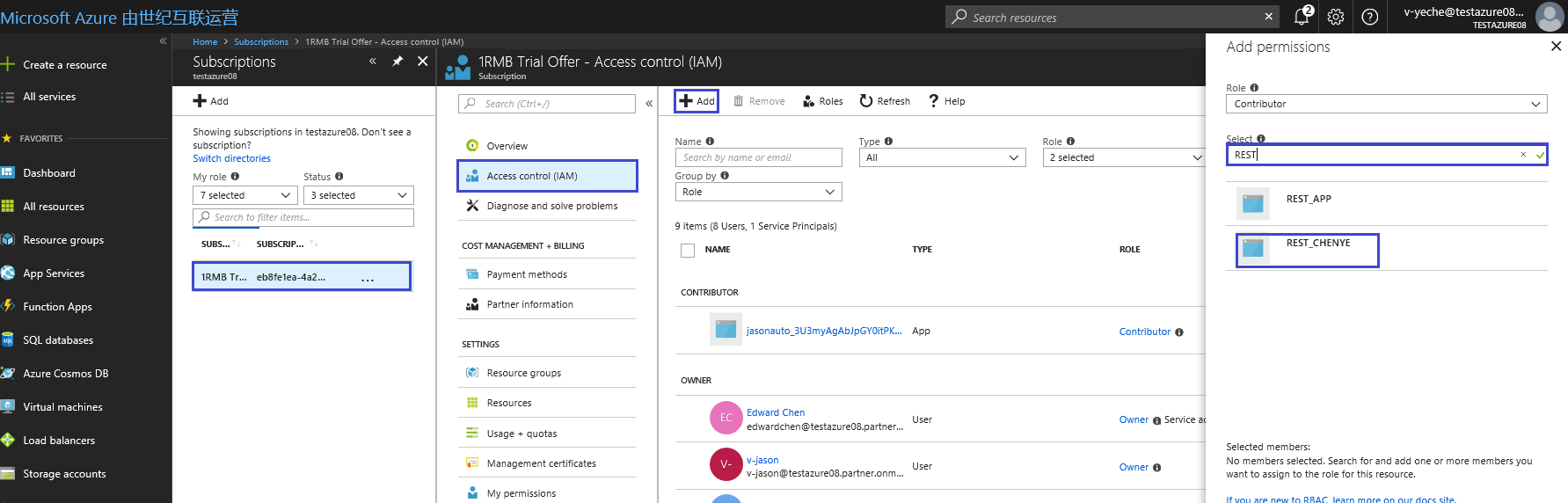
Directory ID: 0907ebcd-46d2-4d60-914e-5035517e79ed

Content ID: 0907ebcd-46d2-4d60-914e-5035517e79ed



Password: **5Kp0RnYHzu23q9Jg0io1fFD81mCRotpkOxxXtmoFfAU=**

<https://login.partner.microsoftonline.cn>



Get Access Token:

1. Post https://login.partner.microsoftonline.cn/0907ebcd-46d2-4d60-914e-5035517e79ed /oauth2/token

2. Add Http Head item

Content-Type: application/x-www-form-urlencoded

3. Add Body Content

grant\_type=client\_credentials&client\_id=**acdd2011-5f26-457c-a707-76bff9bfd241**&client\_secret=**5Kp0RnYHzu23q9Jg0io1fFD81mCRotpkOxxXtmoFfAU=**&resource= **https%3A%2F%2Fmanagement.chinacloudapi.cn%2F**

client\_credentials是固定值。

1. Post

https://login.partner.microsoftonline.cn/<DirectoryID or content ID>/oauth2/token

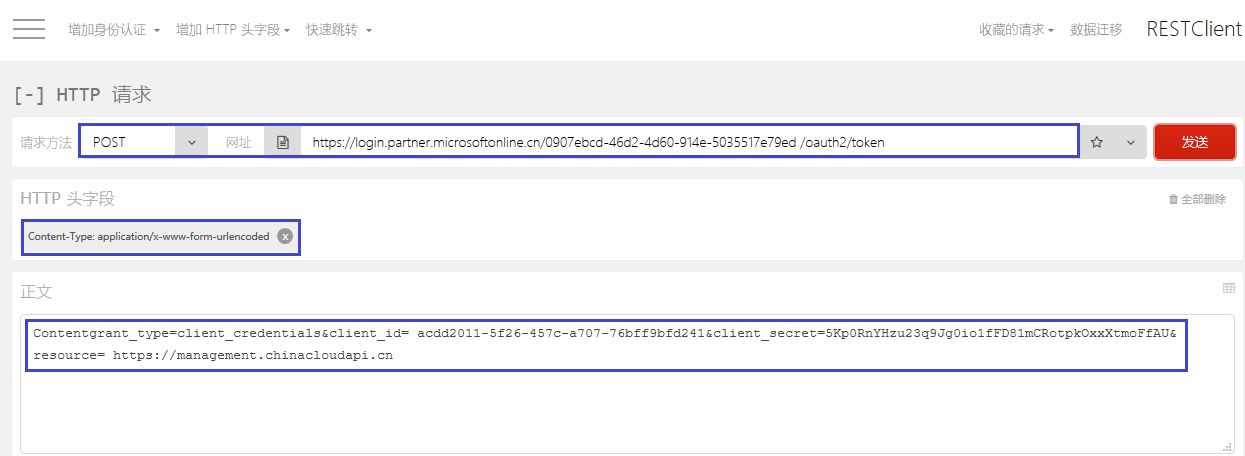
2. Add Http Head item

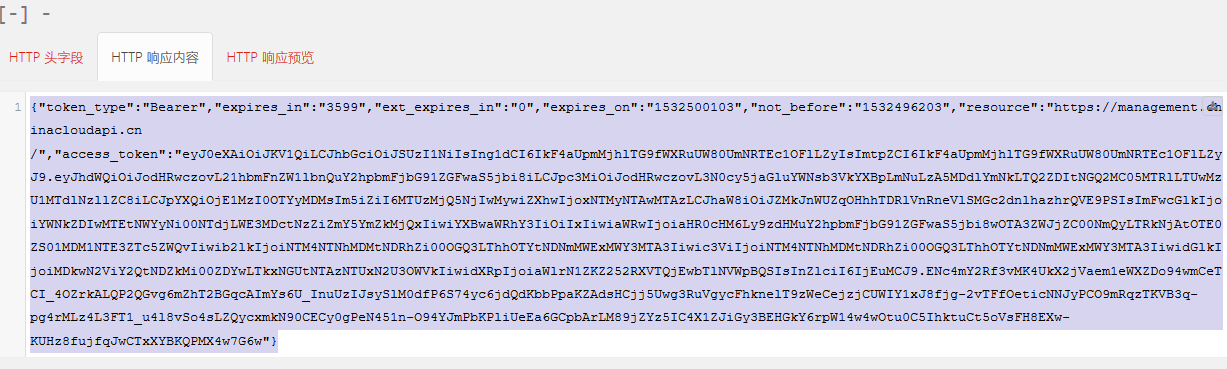
Content-Type: application/x-www-form-urlencoded

3. Add Body Content

grant\_type=client\_credentials&client\_id=<applicationid>&client\_secret= <Your Saved Secret>&resource=<root URL>

client\_credentials是固定值。



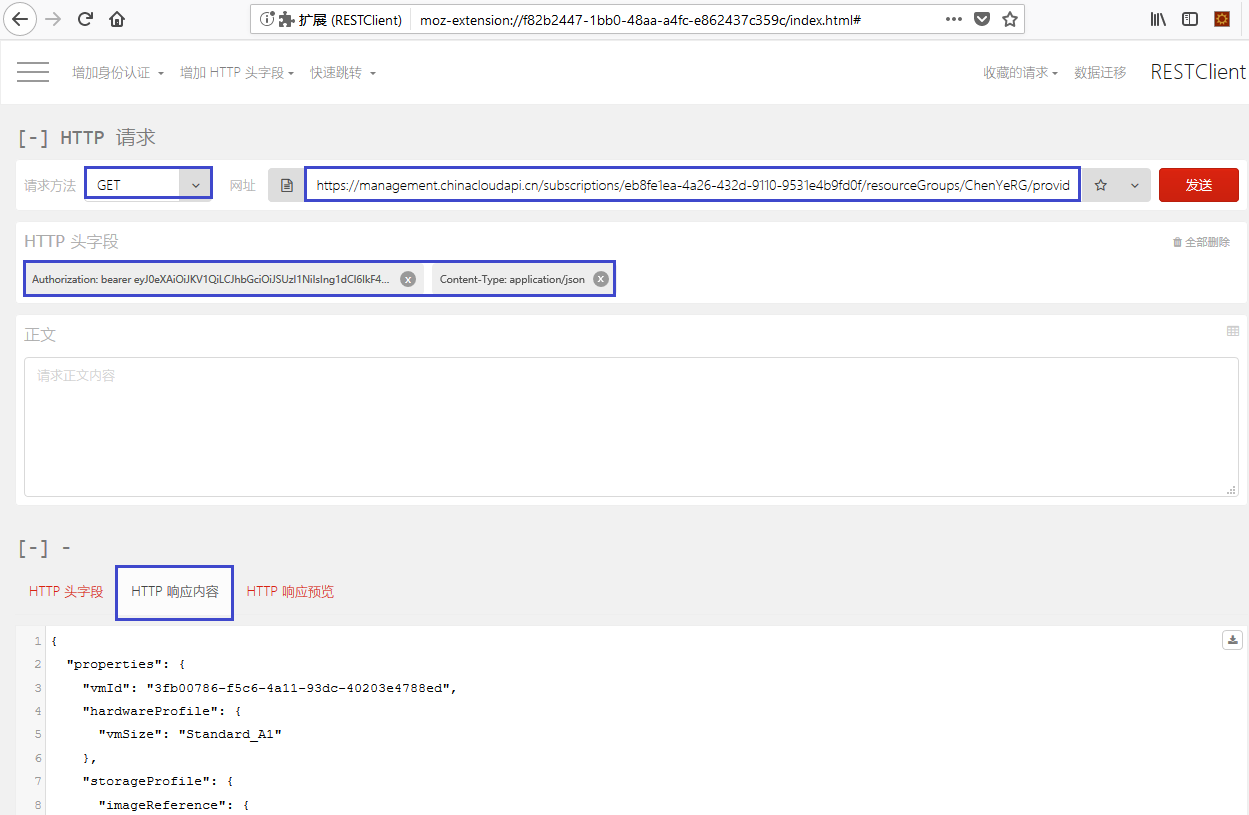


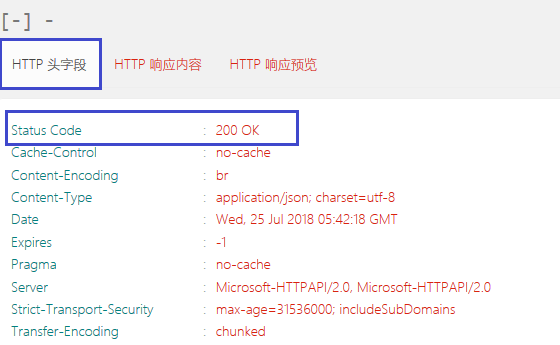
{"token\_type":"Bearer","expires\_in":"3599","ext\_expires\_in":"0","expires\_on":"1532500103","not\_before":"1532496203","resource":"https://management.chinacloudapi.cn/","access\_token":"eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsIng1dCI6IkF4aUpmMjhlTG9fWXRuUW80UmNRTEc1OFlLZyIsImtpZCI6IkF4aUpmMjhlTG9fWXRuUW80UmNRTEc1OFlLZyJ9..ENc4mY2Rf3vMK4UkX2jVaem1eWXZDo94wmCeTCI\_4OZrkALQP2QGvg6mZhT2BGqcAImYs6U\_InuUzIJsySlM0dfP6S74yc6jdQdKbbPpaKZAdsHCjj5Uwg3RuVgycFhknelT9zWeCejzjCUWIY1xJ8fjg-2vTFfOeticNNJyPCO9mRqzTKVB3q-pg4rMLz4L3FT1\_u4l8vSo4sLZQycxmkN90CECy0gPeN451n-O94YJmPbKPliUeEa6GCpbArLM89jZYz5IC4X1ZJiGy3BEHGkY6rpW14w4wOtu0C5IhktuCt5oVsFH8EXw-KUHz8fujfqJwCTxXYBKQPMX4w7G6w"}

Sample: Get the specific VM details with following

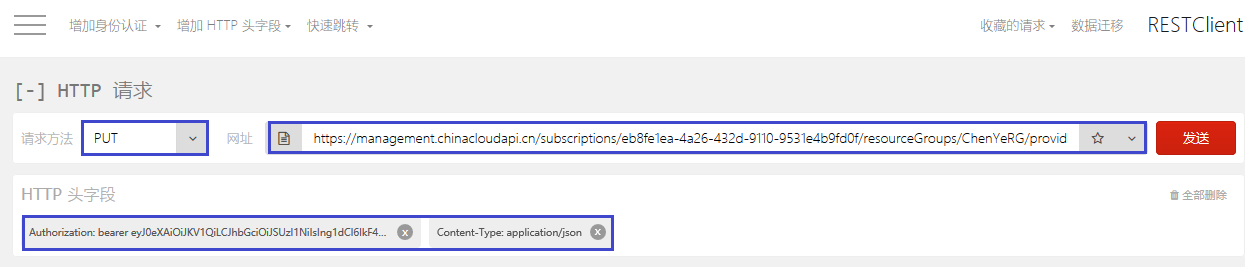
1. Get <https://management.chinacloudapi.cn/subscriptions/eb8fe1ea-4a26-432d-9110-9531e4b9fd0f/resourceGroups/ChenYeRG/providers/Microsoft.Compute/virtualMachines/ChenYeUbuntu?api-version=2017-12-01>
2. Add the http header.
3. Body is empty







Sample 2 : Create the new VM with json format



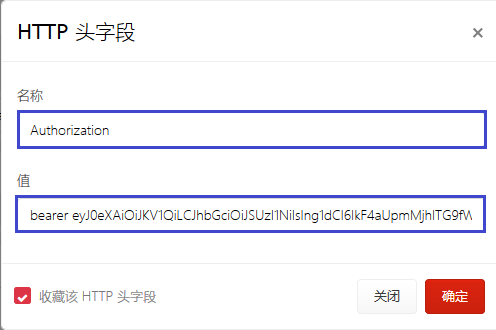
Parameter:

1. PUT
2. <https://management.chinacloudapi.cn/subscriptions/eb8fe1ea-4a26-432d-9110-9531e4b9fd0f/resourceGroups/ChenYeRG/providers/Microsoft.Compute/virtualMachines/myVM?api-version=2017-12-01>
3. Content-Type

application/json

1. Authorization

bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsIng1dCI6IkF4aUpmMjhlTG9fWXRuUW80UmNRTEc1OFlLZyIsImtpZCI6IkF4aUpmMjhlTG9fWXRuUW80UmNRTEc1OFlLZyJ9..ENc4mY2Rf3vMK4UkX2jVaem1eWXZDo94wmCeTCI\_4OZrkALQP2QGvg6mZhT2BGqcAImYs6U\_InuUzIJsySlM0dfP6S74yc6jdQdKbbPpaKZAdsHCjj5Uwg3RuVgycFhknelT9zWeCejzjCUWIY1xJ8fjg-2vTFfOeticNNJyPCO9mRqzTKVB3q-pg4rMLz4L3FT1\_u4l8vSo4sLZQycxmkN90CECy0gPeN451n-O94YJmPbKPliUeEa6GCpbArLM89jZYz5IC4X1ZJiGy3BEHGkY6rpW14w4wOtu0C5IhktuCt5oVsFH8EXw-KUHz8fujfqJwCTxXYBKQPMX4w7G6w







Content List following:

Notice: even on the windows to put the request. The ssh path is the same with linux server.( /home/azureadmin/.ssh/authorized\_keys).

{

"location": "chinanorth",

"properties": {

"hardwareProfile": {

"vmSize": "Standard\_A1"

},

"storageProfile": {

"imageReference": {

"sku": "16.04-LTS",

"publisher": "Canonical",

"version": "latest",

"offer": "UbuntuServer"

},

"osDisk": {

"caching": "ReadWrite",

"managedDisk": {

"storageAccountType": "Standard\_LRS"

},

"name": "myVMosdisk",

"createOption": "FromImage"

}

},

"osProfile": {

"adminUsername": "azureadmin",

"computerName": "myVM",

"linuxConfiguration": {

"ssh": {

"publicKeys": [

{

"path": "/home/azureadmin/.ssh/authorized\_keys",

"keyData": "ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAABAQC7K19Cqt9T3n7TN7lc6I7nFWkl0A8+aKtfN3UPIReiEf8gPg3qww5XgMgRzl5+Qg243n4ej+0RR3GCADmr0DWHiKqj6saKrbEqsy0M3vFbZmrijbVld7vaS7FUDAcvc6lRyb+2ZhFiLcG2Pes/dQ2Sf5RqWZ7BxrXJgAb3jfDzY0akixZcnW5SE4Xb4j+TrjcWF8iJNnbO0/2vmEg9oZkff4gWHMBL8+v96JfVk2+x2r5cS4gSw/pX9tkBg+3Zwz23i97d35bJ+dWlp15raCZPpyqTERhBM927D2W4OlyuN9er53BnOyQ8x74tuHMvNTebt+b3ZUSExrA9JmHb4911 edwardch@ws-wuxipc-0090"

}

]

},

"disablePasswordAuthentication": true

}

},

"networkProfile": {

"networkInterfaces": [

{

"id": "/subscriptions/eb8fe1ea-4a26-432d-9110-9531e4b9fd0f/resourceGroups/ChenYeRG/providers/Microsoft.Network/networkInterfaces/chenyenewinterface",

"properties": {

"primary": true

}

}

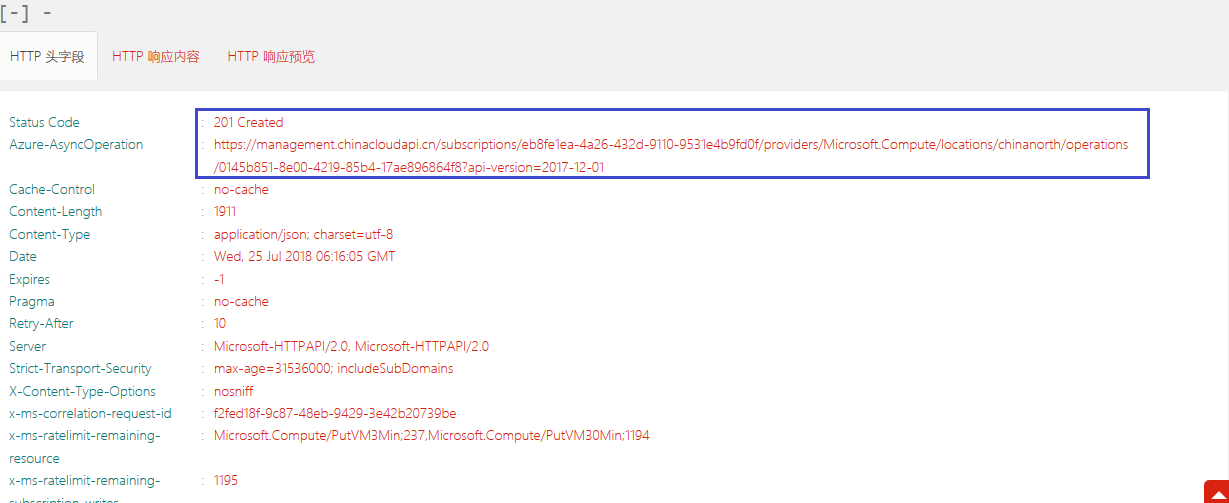
]

}

},

"name": "myVM"

}



When we create the myVM successfully, we should update the network interface to get the public ip address following, or we can not connect the VM via SSH

