

Your environment has been set up for using Node.js 18.12.0 (x64) and npm.

C:\Users\SWCHATTO>az login

A web browser has been opened at <https://login.microsoftonline.com/organizations/oauth2/v2.0/authorize>. Please continue the login in the web browser. If no web browser is available or if the web browser fails to open, use device code flow with 'az login --use-device-code'.

[

```
{  
  "cloudName": "AzureCloud",  
  "homeTenantId": "dce87315-8ffa-4a01-ab40-0de5a7214b2f",  
  "id": "34b22b31-5cd4-4f80-b008-48ac84f452b6",  
  "isDefault": true,  
  "managedByTenants": [],  
  "name": "npunext-1673505403565",  
  "state": "Enabled",  
  "tenantId": "dce87315-8ffa-4a01-ab40-0de5a7214b2f",  
  "user": {  
    "name": "Unxt_1707882104088@npunext.onmicrosoft.com",  
    "type": "user"  
  }  
}
```

]

C:\Users\SWCHATTO>az group create --resource-group "MyResourceGroup" --location southindia

```
{  
  "id": "/subscriptions/34b22b31-5cd4-4f80-b008-48ac84f452b6/resourceGroups/MyResourceGroup",  
  "location": "southindia",  
  "managedBy": null,  
  "name": "MyResourceGroup",  
  "properties": {  
    "provisioningState": "Succeeded"  
  },
```

Node.js command prompt

```
C:\Users\SWCHATTO>az vm create --resource-group MyResourceGroup --name MyLinuxWebServer
```

Admin Password:

Confirm Admin Password:

The password length must be between 12 and 123. Password must have the 3 of the following: 1 lower case character, 1 upper case character, 1 number and 1 special character.

```
C:\Users\SWCHATTO>az vm create --resource-group MyResourceGroup --name MyLinuxWebServer
```

Admin Password:

Confirm Admin P

```
[{"error": {"code": "InvalidTemplateDeployment", "message": "The template deployment failed with multiple errors. Please see the details for more information.", "details": [{"code": "RequestDisallowedByPolicy", "target": "MyLinuxWebServerVNET", "message": "Resource 'MyLinuxWebServerVNET' was disallowed by policy. Policy identifiers: '[{\\"policyAssignment\":{\\\"name\\\":\\\"UNext_SingleRegion_Policy\\\",\\\"id\\\":\\\"/subscriptions/34b22b31-5cd4-4f80-b008-48ac84f452b6/providers/Microsoft.Authorization/policyAssignments/4142846a-6334-4eaf-afe9-2c55ba643443\\\"},\\\"policyDefinition\\\":{\\\"name\\\":\\\"UNext_SingleRegion_Policy_AllowLocationPolicy\\\",\\\"id\\\":\\\"/subscriptions/34b22b31-5cd4-4f80-b008-48ac84f452b6/providers/Microsoft.Authorization/policyDefinitions/UNext_SingleRegion_Policy_AllowLocationPolicy\\\"}],\\\"policySetDefinition\\\":{\\\"name\\\":\\\"UNext_SingleRegion_Policy\\\",\\\"id\\\":\\\"/subscriptions/34b22b31-5cd4-4f80-b008-48ac84f452b6/providers/Microsoft.Authorization/policySetDefinitions/UNext_SingleRegion_Policy\\\"}}]'.", "additionalInfo": [{"type": "PolicyViolation", "info": {"evaluatedExpressions": [{"result": "False", "expressionKind": "Field", "expression": "location", "path": "location", "expressionValue": "India", "targetValue": ["East US", "global"], "operator": "In"}]}, "policyDefinitionId": "/subscriptions/34b22b31-5cd4-4f80-b008-48ac84f452b6/providers/Microsoft.Authorization/policyDefinitions/UNext_SingleRegion_Policy_AllowLocationPolicy", "policySetDefinitionId": "/subscriptions/34b22b31-5cd4-4f80-b008-48ac84f452b6/providers/Microsoft.Authorization/policySetDefinitions/UNext_SingleRegion_PolicyDefinitionReferenceId": "5692542178728927849", "policySetName": "UNext_SingleRegion_Policy", "policySetDefinitionName": "UNext_SingleRegion_Policy", "policyDefinitionName": "UNext_SingleRegion_Policy_AllowLocationPolicy", "policyDefinitionEffect": "deny", "policyAssignmentId": "/subscriptions/34b22b31-5cd4-4f80-b008-48ac84f452b6/providers/Microsoft.Authorization/policyAssignments/4142846a-6334-4eaf-afe9-2c55ba643443", "policyAssignmentName": "UNext_SingleRegion_Policy", "policyAssignmentDisplayName": "UNext_SingleRegion_Policy", "policyAssignmentScope": "/subscriptions/34b22b31-5cd4-4f80-b008-48ac84f452b6", "policyAssignmentParameters": {}, "policyExemptionIds": []}]}], "code": "RequestDisallowedByPolicy", "target": "MyLinuxWebServerNSG", "message": "Resource 'MyLinuxWebServerNSG' was disallowed by policy. Policy identifier: '[{\\"policyAssignment\\\":{\\\"name\\\":\\\"UNext_SingleRegion_Policy\\\",\\\"id\\\":\\\"/subscriptions/34b22b31-5cd4-4f80-b008-48ac84f452b6/providers/Microsoft.Authorization/policyAssignments/4142846a-6334-4eaf-afe9-2c55ba643443\\\"},\\\"policyDefinition\\\":{\\\"name\\\":\\\"UNext_SingleRegion_Policy_AllowLocationPolicy\\\",\\\"id\\\":\\\"/subscriptions/34b22b31-5cd4-4f80-b008-48ac84f452b6/providers/Microsoft.Authorization/policyDefinitions/UNext_SingleRegion_Policy_AllowLocationPolicy\\\"}'}]'.", "additionalInfo": [{"type": "PolicyViolation", "info": {"evaluatedExpressions": [{"result": "False", "expressionKind": "Field", "expression": "location", "path": "location", "expressionValue": "India", "targetValue": ["East US", "global"], "operator": "In"}]}, "policyDefinitionId": "/subscriptions/34b22b31-5cd4-4f80-b008-48ac84f452b6/providers/Microsoft.Authorization/policyDefinitions/UNext_SingleRegion_Policy_AllowLocationPolicy", "policySetDefinitionId": "/subscriptions/34b22b31-5cd4-4f80-b008-48ac84f452b6/providers/Microsoft.Authorization/policySetDefinitions/UNext_SingleRegion_PolicyDefinitionReferenceId": "5692542178728927849", "policySetName": "UNext_SingleRegion_Policy", "policySetDefinitionName": "UNext_SingleRegion_Policy", "policyDefinitionName": "UNext_SingleRegion_Policy_AllowLocationPolicy", "policyDefinitionEffect": "deny", "policyAssignmentId": "/subscriptions/34b22b31-5cd4-4f80-b008-48ac84f452b6/providers/Microsoft.Authorization/policyAssignments/4142846a-6334-4eaf-afe9-2c55ba643443", "policyAssignmentName": "UNext_SingleRegion_Policy", "policyAssignmentDisplayName": "UNext_SingleRegion_Policy", "policyAssignmentScope": "/subscriptions/34b22b31-5cd4-4f80-b008-48ac84f452b6", "policyAssignmentParameters": {}, "policyExemptionIds": []}]}]
```



EN
IN

```
Node.js command prompt X + C:\Users\SWCHATTO>az vm create --resource-group MyResouceGroup --name MyLinuxWebServer --image Ubuntu2204 --admin-user rootuser --admin-password Sushama2609@ --location EastUS
(ResourceGroupNotFound) Resource group 'MyResouceGroup' could not be found.
Code: ResourceGroupNotFound
Message: Resource group 'MyResouceGroup' could not be found.

C:\Users\SWCHATTO>az vm create --resource-group MyResouceGroup --name MyLinuxWebServer --image Ubuntu2204 --admin-user rootuser --admin-password Sushama2609@ --location EastUS
az vm create: error: argument --resource-group: ambiguous option: --adm could match --admin-password, --admin-username

Examples from AI knowledge base:
az vm create --name MyVm --resource-group MyResourceGroup --image RedHat:RHEL:7-RAW:7.4.2018010506
Create a default RedHat VM with automatic SSH authentication using an image URN.

az vm image list
List the VM/VMSS images available in the Azure Marketplace. (autogenerated)

az group create --location westus --resource-group MyResourceGroup
Create a new resource group in the West US region.

https://docs.microsoft.com/en-US/cli/azure/vm#az\_vm\_create
Read more about the command in reference docs

C:\Users\SWCHATTO>az vm create --resource-group MyResouceGroup --name MyLinuxWebServer --image Ubuntu2204 --admin-user rootuser -admin-password Sushama2609@ --location EastUS
unrecognized arguments: -admin-password Sushama2609@

Examples from AI knowledge base:
az vm create --name MyVm --resource-group MyResourceGroup --image RedHat:RHEL:7-RAW:7.4.2018010506
```

```
Node command prompt X + C:\Users\SWCHATTO>az vm create --resource-group MyResource --name MyLinuxWebServer --image Ubuntu2204 --admin-user rootuser --admin-password Sushama2609@ --location EastUS
(ResourceGroupNotFound) Resource group 'MyResource' could not be found.
Code: ResourceGroupNotFound
Message: Resource group 'MyResource' could not be found.

C:\Users\SWCHATTO>az vm create --resource-group MyResource --name MyLinuxServer --image Ubuntu2204 --admin-user rootuser --admin-password Sushama2609@ --location EastUS
(ResourceGroupNotFound) Resource group 'MyResource' could not be found.
Code: ResourceGroupNotFound
Message: Resource group 'MyResource' could not be found.

C:\Users\SWCHATTO>az vm create --resource-group MyResourceGroup --name MyLinuxWebServer --image Ubuntu2204 --admin-user rootuser --admin-password Sushama2609@ --location EastUS
{
  "fqdns": "",
  "id": "/subscriptions/34b22b31-5cd4-4f80-b008-48ac84f452b6/resourceGroups/MyResourceGroup/providers/Microsoft.Compute/virtualMachines/MyLinuxWebServer",
  "location": "eastus",
  "macAddress": "00-0D-3A-4F-BD-A9",
  "powerState": "VM running",
  "privateIpAddress": "10.0.0.4",
  "publicIpAddress": "40.71.91.153",
  "resourceGroup": "MyResourceGroup",
  "zones": ""
}

C:\Users\SWCHATTO>ssh rootuser@
ssh: connect to host port 22: Connection refused

C:\Users\SWCHATTO>ssh rootuser@202.60.62.72
30° ENG IN 16:37 16-02-2024
```

```
C:\Users\SWCHATTO>ssh rootuser@
```

```
ssh: connect to host port 22: Connection refused
```

```
C:\Users\SWCHATTO>ssh rootuser@202.60.62.72
```

```
ssh: connect to host 202.60.62.72 port 22: Connection timed out
```

```
C:\Users\SWCHATTO>ssh rootuser@202.60.62.72
```

```
ssh: connect to host 202.60.62.72 port 22: Connection timed out
```

```
C:\Users\SWCHATTO>ssh rootuser@40.71.91.153
```

```
The authenticity of host '40.71.91.153 (40.71.91.153)' can't be established.
```

```
ED25519 key fingerprint is SHA256:cyEgF7V2e9qtCaLD/obgz5IVrLUCnt6HdJZsvHa35Pk.
```

```
This key is not known by any other names
```

```
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
```

```
Warning: Permanently added '40.71.91.153' (ED25519) to the list of known hosts.
```

```
rootuser@40.71.91.153's password:
```

```
client_global_hostkeys_private_confirm: server gave bad signature for RSA key 0
```

```
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.2.0-1019-azure x86_64)
```

```
* Documentation: https://help.ubuntu.com
* Management: https://landscape.canonical.com
* Support: https://ubuntu.com/pro
```

System information as of Fri Feb 16 05:01:07 UTC 2024

```
System load: 0.00439453125    Processes:          102
```

```
Usage of /: 5.0% of 28.89GB   Users logged in:      0
```

```
Memory usage: 8%              IPv4 address for eth0: 10.0.0.4
```

```
Swap usage: 0%
```

```
* Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s
```

```
rootuser@MyLinuxWebServer:~$ sudo apt update
```

```
Hit:1 http://azure.archive.ubuntu.com/ubuntu jammy InRelease  
Get:2 http://azure.archive.ubuntu.com/ubuntu jammy-updates InRelease [119 kB]  
Get:3 http://azure.archive.ubuntu.com/ubuntu jammy-backports InRelease [109 kB]  
Get:4 http://azure.archive.ubuntu.com/ubuntu jammy-security InRelease [110 kB]  
Get:5 http://azure.archive.ubuntu.com/ubuntu jammy/universe amd64 Packages [14.1 MB]  
Get:6 http://azure.archive.ubuntu.com/ubuntu jammy/universe Translation-en [5652 kB]  
Get:7 http://azure.archive.ubuntu.com/ubuntu jammy/universe amd64 c-n-f Metadata [286 kB]  
Get:8 http://azure.archive.ubuntu.com/ubuntu jammy/multiverse amd64 Packages [217 kB]  
Get:9 http://azure.archive.ubuntu.com/ubuntu jammy/multiverse Translation-en [112 kB]  
Get:10 http://azure.archive.ubuntu.com/ubuntu jammy/multiverse amd64 c-n-f Metadata [8372 B]  
Get:11 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [1377 kB]  
Get:12 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main Translation-en [273 kB]  
Get:13 http://azure.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [1431 kB]  
Get:14 http://azure.archive.ubuntu.com/ubuntu jammy-updates/restricted Translation-en [235 kB]  
Get:15 http://azure.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1049 kB]  
Get:16 http://azure.archive.ubuntu.com/ubuntu jammy-updates/universe Translation-en [237 kB]  
Get:17 http://azure.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 c-n-f Metadata [22.1 kB]  
Get:18 http://azure.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 Packages [42.1 kB]  
Get:19 http://azure.archive.ubuntu.com/ubuntu jammy-updates/multiverse Translation-en [10.1 kB]  
Get:20 http://azure.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 c-n-f Metadata [472 B]  
Get:21 http://azure.archive.ubuntu.com/ubuntu jammy-backports/main amd64 Packages [41.7 kB]  
Get:22 http://azure.archive.ubuntu.com/ubuntu jammy-backports/main Translation-en [10.5 kB]  
Get:23 http://azure.archive.ubuntu.com/ubuntu jammy-backports/main amd64 c-n-f Metadata [388 B]  
Get:24 http://azure.archive.ubuntu.com/ubuntu jammy-backports/restricted amd64 c-n-f Metadata [116 B]  
Get:25 http://azure.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 Packages [24.3 kB]  
Get:26 http://azure.archive.ubuntu.com/ubuntu jammy-backports/universe Translation-en [16.5 kB]  
Get:27 http://azure.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 c-n-f Metadata [644 B]  
Get:28 http://azure.archive.ubuntu.com/ubuntu jammy-backports/multiverse amd64 c-n-f Metadata [116 B]  
Get:29 http://azure.archive.ubuntu.com/ubuntu jammy-security/main amd64 Packages [1161 kB]  
Get:30 http://azure.archive.ubuntu.com/ubuntu jammy-security/main Translation-en [213 kB]
```

```
rootuser@MyLinuxWebServer:~$ sudo apt install nginx
```

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

The following additional packages will be installed:

```
fontconfig-config fonts-dejavu-core libdeflate0 libfontconfig1 libgd3 libjbig0 libjpeg-turbo8 libjpeg8 libnginx-mod-http-image-filter libnginx-mod-http-xslt-filter libnginx-mod-mail libnginx-mod-stream libnginx-mod-stream libtiff5 libwebp7 libxpm4 nginx-common nginx-core
```

Suggested packages:

```
libgd-tools fcgiwrap nginx-doc ssl-cert
```

The following NEW packages will be installed:

```
fontconfig-config fonts-dejavu-core libdeflate0 libfontconfig1 libgd3 libjbig0 libjpeg-turbo8 libjpeg8 libnginx-mod-http-image-filter libnginx-mod-http-xslt-filter libnginx-mod-mail libnginx-mod-stream libnginx-mod-stream libtiff5 libwebp7 libxpm4 nginx nginx-common nginx-core
```

0 upgraded, 20 newly installed, 0 to remove and 17 not upgraded.

Need to get 2692 kB of archives.

After this operation, 8345 kB of additional disk space will be used.

Do you want to continue? [Y/n] Y

```
Get:1 http://azure.archive.ubuntu.com/ubuntu jammy/main amd64 fonts-dejavu-core all 2.37-2build1 [1041 kB]
Get:2 http://azure.archive.ubuntu.com/ubuntu jammy/main amd64 fontconfig-config all 2.13.1-4.2ubuntu5 [29.1 kB]
Get:3 http://azure.archive.ubuntu.com/ubuntu jammy/main amd64 libdeflate0 amd64 1.10-2 [70.9 kB]
Get:4 http://azure.archive.ubuntu.com/ubuntu jammy/main amd64 libfontconfig1 amd64 2.13.1-4.2ubuntu5 [131 kB]
Get:5 http://azure.archive.ubuntu.com/ubuntu jammy/main amd64 libjpeg-turbo8 amd64 2.1.2-0ubuntu1 [134 kB]
Get:6 http://azure.archive.ubuntu.com/ubuntu jammy/main amd64 libjpeg8 amd64 8c-2ubuntu10 [2264 B]
Get:7 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libjbig0 amd64 2.1-3.1ubuntu0.22.04.1 [29.2 kB]
Get:8 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libwebp7 amd64 1.2.2-2ubuntu0.22.04.2 [206 kB]
Get:9 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libtiff5 amd64 4.3.0-6ubuntu0.7 [185 kB]
Get:10 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libxpm4 amd64 1:3.5.12-1ubuntu0.22.04.2 [36.7 kB]
Get:11 http://azure.archive.ubuntu.com/ubuntu jammy/main amd64 libgd3 amd64 2.3.0-2ubuntu2 [129 kB]
Get:12 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main amd64 nginx-common all 1.18.0-6ubuntu14.4 [40.0 kB]
Get:13 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libnginx-mod-http-geoip2 amd64 1.18.0-6ubuntu14.4 [40.0 kB]
Get:14 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libnginx-mod-http-image-filter amd64 1.18.0-6ubuntu14.4 [40.0 kB]
```

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.

rootuser@MyLinuxWebServer:~\$ curl http://localhost

```
<!DOCTYPE html>
<html>
<head>
<title>Welcome to nginx!</title>
<style>
body {
    width: 35em;
    margin: 0 auto;
    font-family: Tahoma, Verdana, Arial, sans-serif;
}
</style>
</head>
<body>
<h1>Welcome to nginx!</h1>
<p>If you see this page, the nginx web server is successfully installed and
working. Further configuration is required.</p>

<p>For online documentation and support please refer to
<a href="http://nginx.org/">nginx.org</a>.<br/>
Commercial support is available at
<a href="http://nginx.com/">nginx.com</a>.</p>

<p><em>Thank you for using nginx.</em></p>
```

```
<p>For online documentation and support please refer to  
<a href="http://nginx.org/">nginx.org</a>.<br/>  
Commercial support is available at  
<a href="http://nginx.com/">nginx.com</a>.</p>
```

```
<p><em>Thank you for using nginx.</em></p>  
</body>  
</html>
```

```
rootuser@MyLinuxWebServer:~$ Connection to 40.71.91.153 closed by remote host.  
Connection to 40.71.91.153 closed.
```

```
C:\Users\SWCHATTO>sudo apt update  
'sudo' is not recognized as an internal or external command,  
operable program or batch file.
```

```
C:\Users\SWCHATTO>ssh rootuser@40.71.91.153  
@@@@@@@@@@@@@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@  
@     WARNING: REMOTE HOST IDENTIFICATION HAS CHANGED!      @  
@@@@@@@@@@@@@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@ @@@@  
IT IS POSSIBLE THAT SOMEONE IS DOING SOMETHING NASTY!
```

```
Someone could be eavesdropping on you right now (man-in-the-middle attack)!  
It is also possible that a host key has just been changed.  
The fingerprint for the ED25519 key sent by the remote host is
```

```
SHA256:YaztY6uMBo4mGjwY39Ut0Jd8bq68AU3uCePW4DXGURQ.
```

```
Please contact your system administrator.
```

```
Add correct host key in C:\\\\Users\\\\SWCHATTO\\\\.ssh\\\\known_hosts to get rid of this message.
```

```
Offending ED25519 key in C:\\\\Users\\\\SWCHATTO\\\\.ssh\\\\known_hosts:1
```

```
Host key for 40.71.91.153 has changed and you have requested strict checking.
```

```
Host key verification failed.
```

```
C:\Users\SWCHATTO>
```