



Install and set up the AKS cluster

NetApp Solutions

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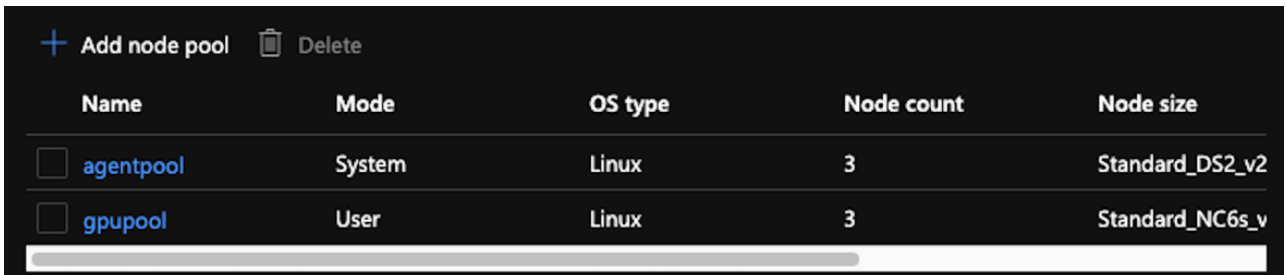
Install and set up the AKS cluster 1

Install and set up the AKS cluster

Previous: [Click-through rate prediction use case summary](#).

To install and set up the AKS cluster, see the webpage [Create an AKS Cluster](#) and then complete the following steps:

1. When selecting the type of node (system [CPU] or worker [GPU] nodes), select the following:
 - a. Primary system nodes should be Standard DS2v2 (`agentpool` default three nodes).
 - b. Then add the worker node Standard_NC6s_v3 pool (three nodes minimum) for the user group (for GPU nodes) named `gpupool`.



Name	Mode	OS type	Node count	Node size
<input type="checkbox"/> agentpool	System	Linux	3	Standard_DS2_v2
<input type="checkbox"/> gpupool	User	Linux	3	Standard_NC6s_v

2. Deployment takes 5 to 10 minutes. After it is complete, click Connect to Cluster.
3. To connect to the newly created AKS cluster, install the following from your local environment (laptop/pc):
 - a. The Kubernetes command-line tool using the [instructions provided for your specific OS](#)
 - b. The Azure CLI as described in the document, [Install the Azure CLI](#)
4. To access the AKS cluster from the terminal, enter `az login` and enter the credentials.
5. Run the following two commands:

```
az account set --subscription xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxxxxx
aks get-credentials --resource-group resourcegroup --name aksclustername
```

6. Enter Azure CLI: `kubectl get nodes`.
7. If all six nodes are up and running, as shown in the following example, your AKS cluster is ready and connected to your local environment

```
verronmartina@verron-mac-0 ~ % kubectl get nodes
NAME                                STATUS    ROLES    AGE   VERSION
aks-agentpool-34613062-vmss000000  Ready    agent    22m   v1.18.14
aks-agentpool-34613062-vmss000001  Ready    agent    22m   v1.18.14
aks-agentpool-34613062-vmss000002  Ready    agent    22m   v1.18.14
aks-gpupool-34613062-vmss000000     Ready    agent    20m   v1.18.14
aks-gpupool-34613062-vmss000001     Ready    agent    20m   v1.18.14
aks-gpupool-34613062-vmss000002     Ready    agent    20m   v1.18.14
verronmartina@verron-mac-0 ~ %
```

Next: [Create a delegated subnet for Azure NetApp Files](#).

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