**Use the Web Application Routing add-on with Azure Kubernetes Service (AKS) clusters (preview)**

Install or update the aks-preview Azure CLI extension.

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Create and export a self-signed SSL certificate.

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### Create an Azure Key Vault to store the certificate.

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### Import certificate into Azure Key Vault

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### Create an Azure DNS zone: -

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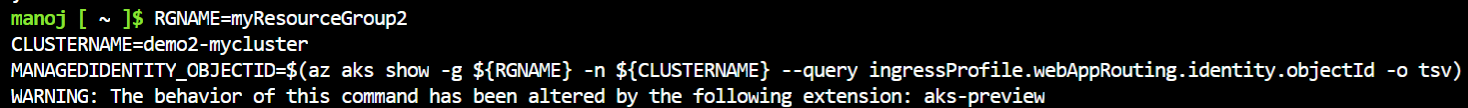
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Enable Web Application Routing on a existing cluster

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Retrieve the add-on's managed identity object ID.



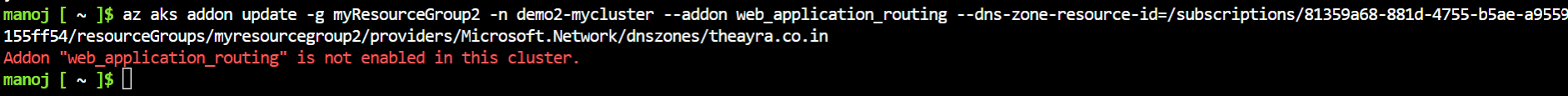
## Configure the add-on to use Azure DNS to manage DNS zones.

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Update the add-on to enable the integration with Azure DNS and install the **external-dns** controller using the [az aks addon update](https://learn.microsoft.com/en-us/cli/azure/aks/addon" \l "az_aks_addon_update) command.

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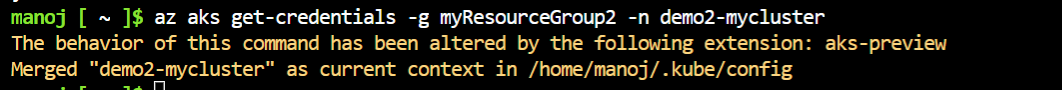
Grant the add-on permissions to retrieve certificates from Azure Key Vault

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Connect to your AKS cluster.

  
Create the application namespace.



Add the application namespace to the OSM control plane.



### Create the deployment: -

### Create new file named **deployment.yaml**

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### file named **service.yaml**

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Create Ingress.yaml

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### Create the resources on the cluster:

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Verify the managed ingress was created.



## Access the endpoint over a DNS hostname: A screenshot of a computer Description automatically generated