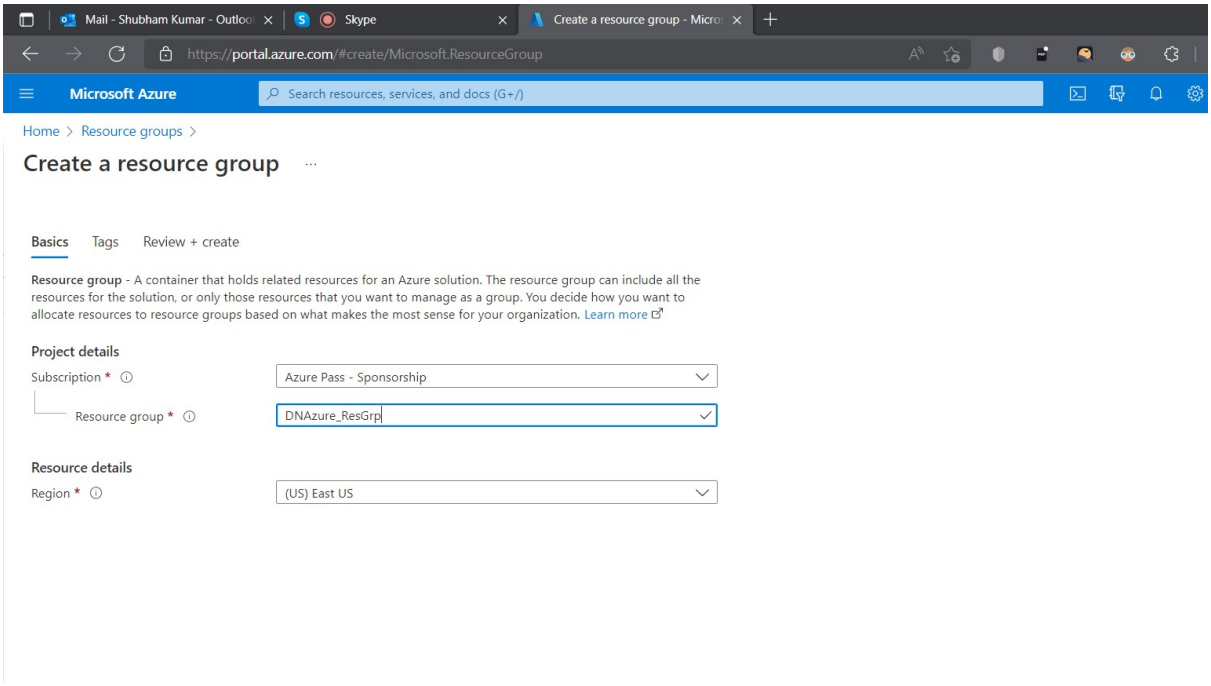
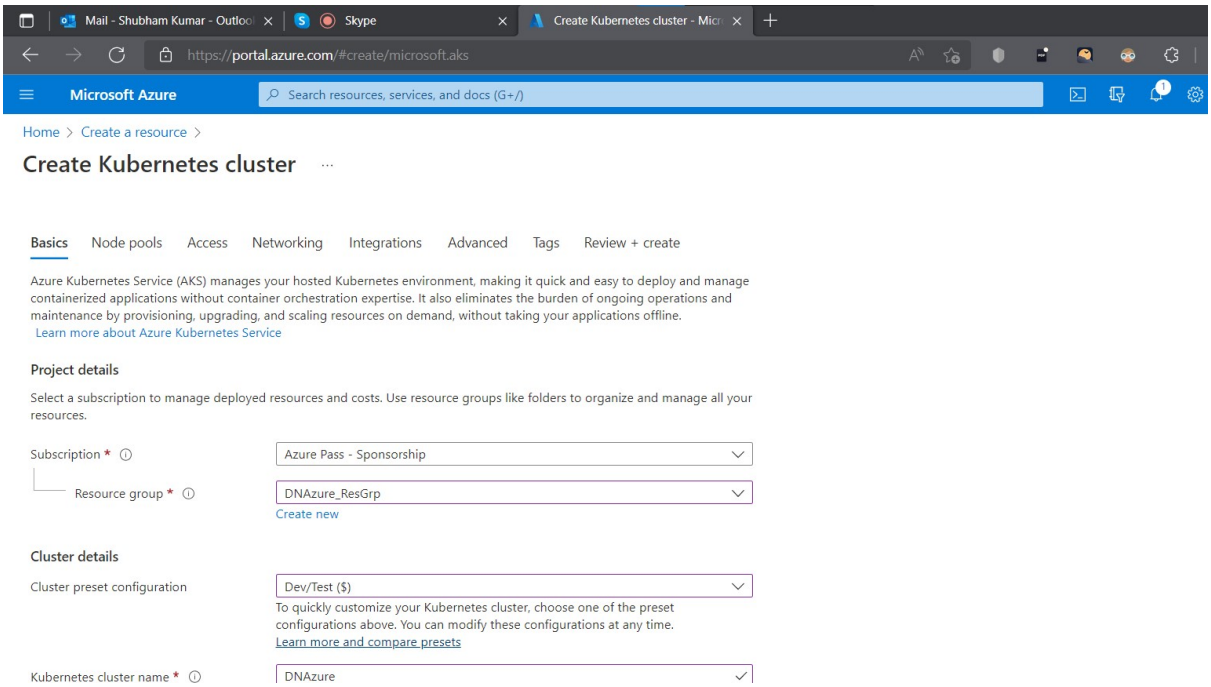
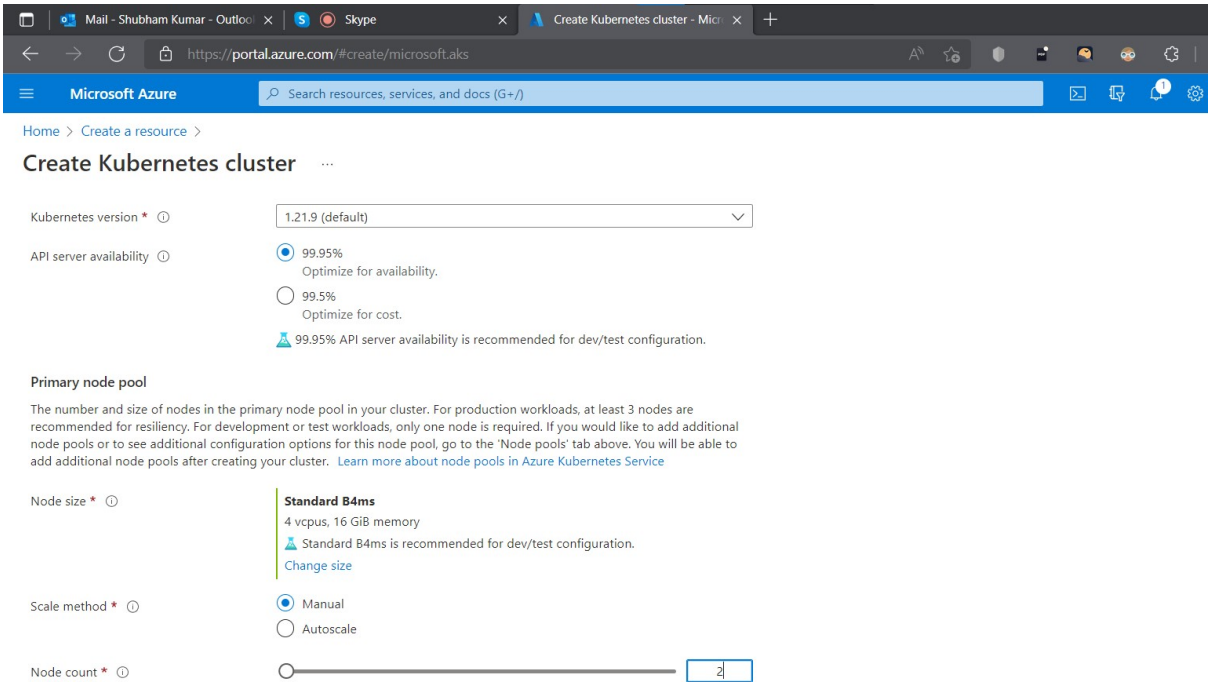
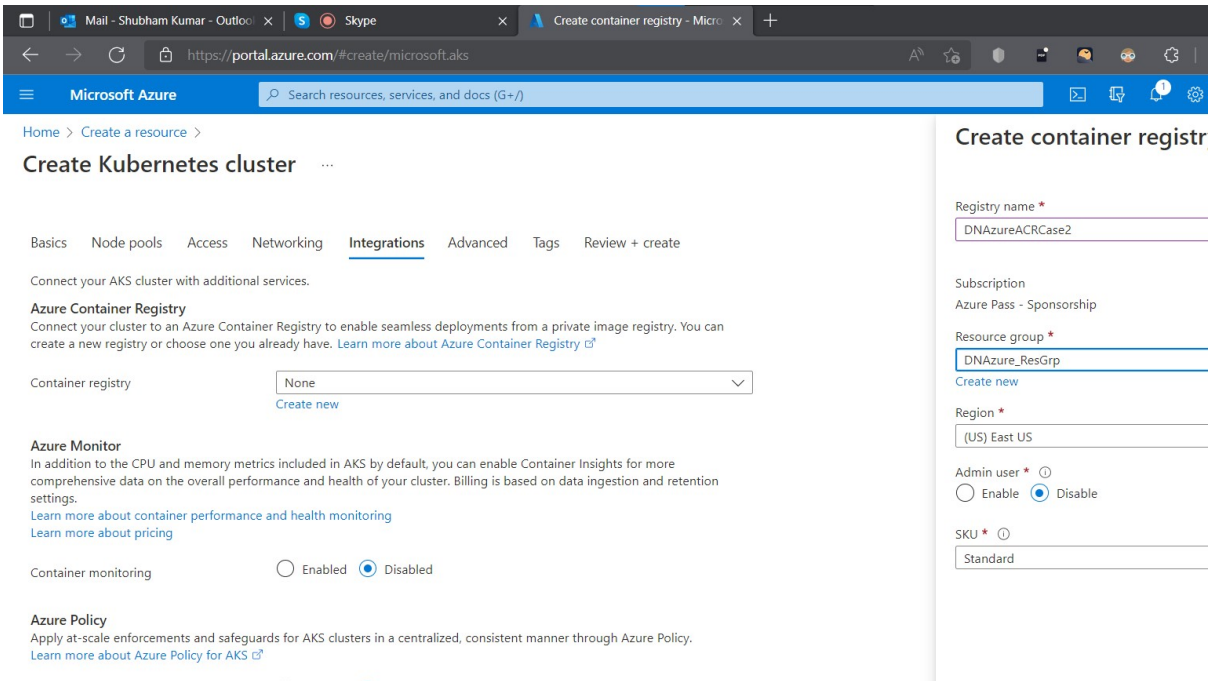
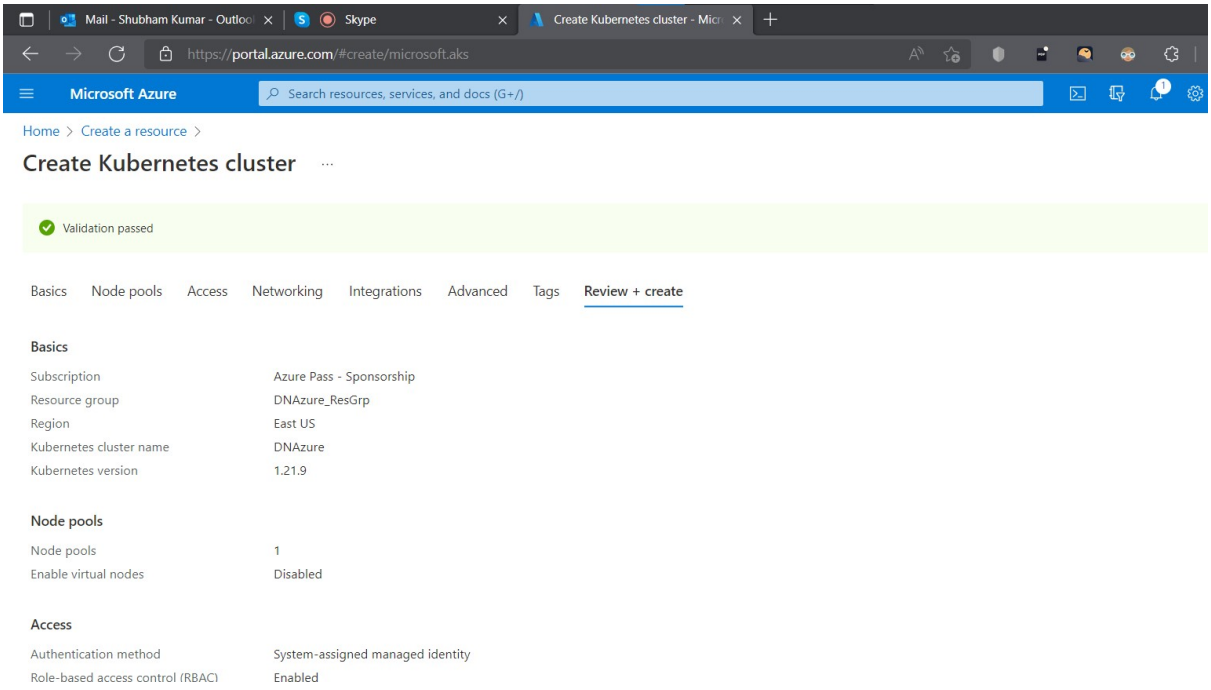
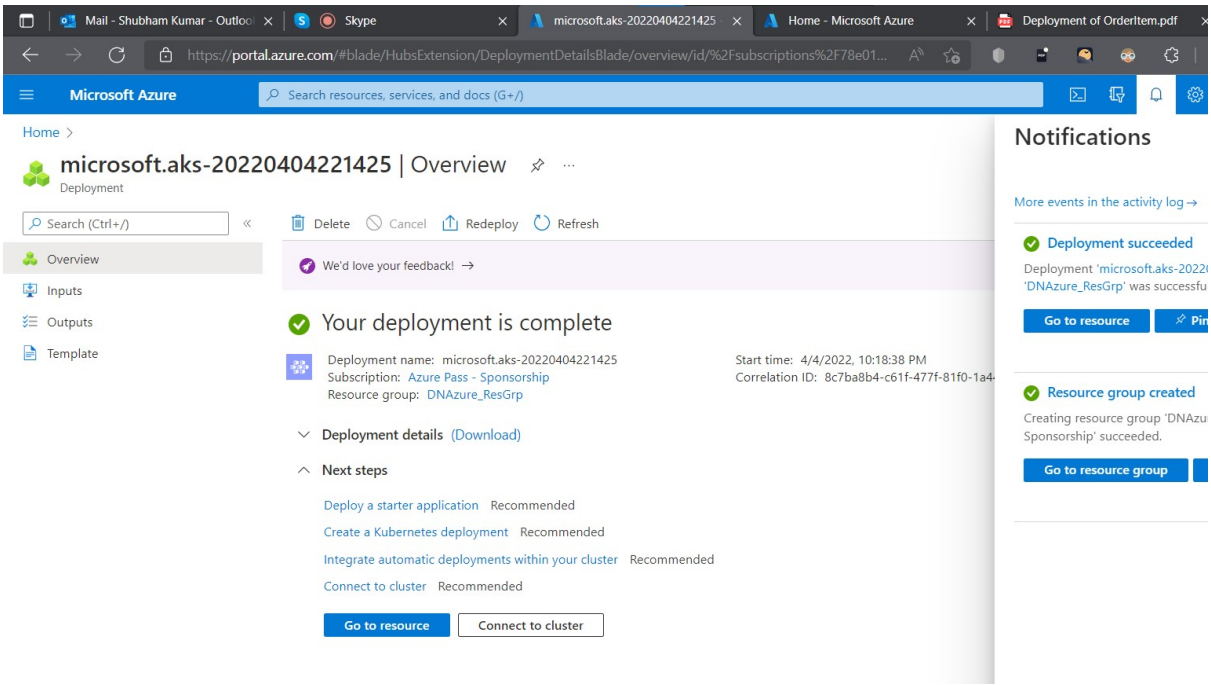

Mail - Shubham Kumar - Outlook
Skype
Create a resource group - Micro
https://portal.azure.com/#create/Microsoft.ResourceGroup
Microsoft Azure
Search resources, services, and docs (G+/)
Home > Resource groups >
Create a resource group
Basics Tags Review + create
Resource group - A container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. You decide how you want to allocate resources to resource groups based on what makes the most sense for your organization. Learn more
Project details
Subscription * Azure Pass - Sponsorship
Resource group * DNAzure_ResGrp
Resource details
Region * (US) East US

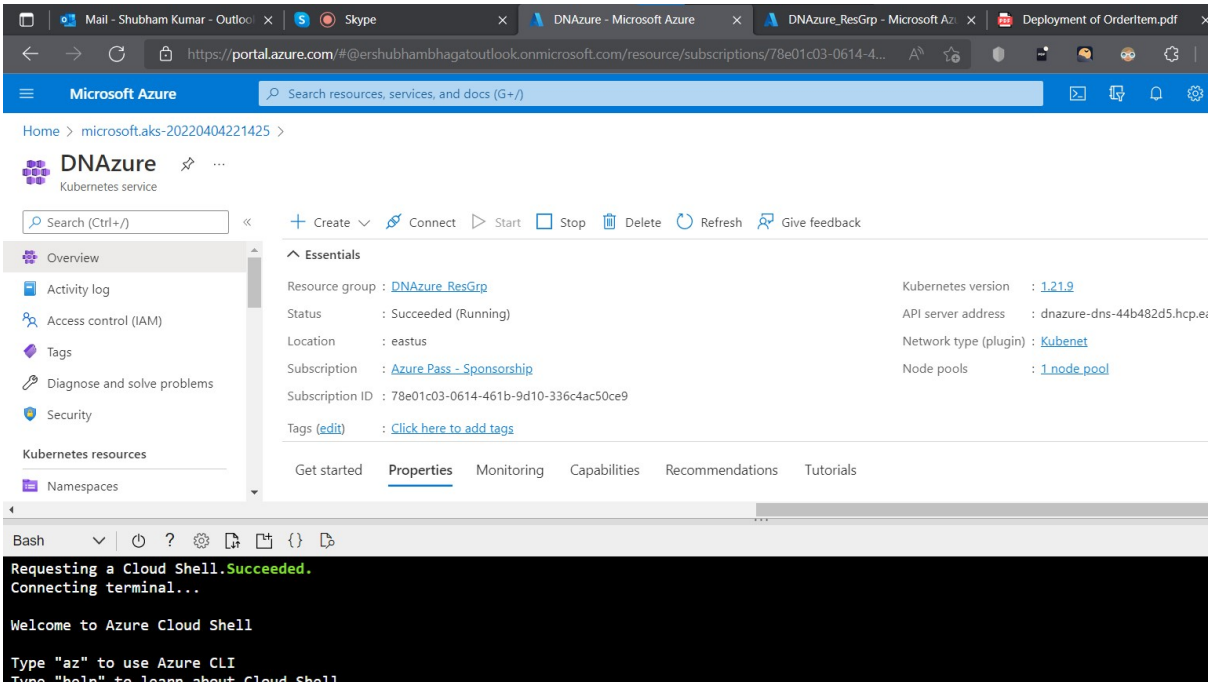

Mail - Shubham Kumar - Outlook
Skype
Create Kubernetes cluster - Micr
https://portal.azure.com/#create/microsoft.aks
Microsoft Azure
Search resources, services, and docs (G+/)
Home > Create a resource >
Create Kubernetes cluster
Basics Node pools Access Networking Integrations Advanced Tags Review + create
Azure Kubernetes Service (AKS) manages your hosted Kubernetes environment, making it quick and easy to deploy and manage containerized applications without container orchestration expertise. It also eliminates the burden of ongoing operations and maintenance by provisioning, upgrading, and scaling resources on demand, without taking your applications offline.
Learn more about Azure Kubernetes Service
Project details
Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.
Subscription * Azure Pass - Sponsorship
Resource group * DNAzure_ResGrp
Create new
Cluster details
Cluster preset configuration Dev/Test ($)
To quickly customize your Kubernetes cluster, choose one of the preset configurations above. You can modify these configurations at any time.
Learn more and compare presets
Kubernetes cluster name * DNAzure


Mail - Shubham Kumar - Outlook
Skype
Create Kubernetes cluster - Micr
https://portal.azure.com/#create/microsoft.aks
Microsoft Azure
Search resources, services, and docs (G+/)
Home > Create a resource >
Create Kubernetes cluster
Kubernetes version * 1.21.9 (default)
API server availability
99.95%
Optimize for availability.
99.5%
Optimize for cost.
99.95% API server availability is recommended for dev/test configuration.
Primary node pool
The number and size of nodes in the primary node pool in your cluster. For production workloads, at least 3 nodes are recommended for resiliency. For development or test workloads, only one node is required. If you would like to add additional node pools or to see additional configuration options for this node pool, go to the 'Node pools' tab above. You will be able to add additional node pools after creating your cluster. Learn more about node pools in Azure Kubernetes Service
Node size *
Standard B4ms
4 vcpus, 16 GiB memory
Standard B4ms is recommended for dev/test configuration.
Change size
Scale method *
Manual
Autoscale
Node count *
2


Mail - Shubham Kumar - Outlook
Skype
Create container registry - Micro
https://portal.azure.com/#create/microsoft.aks
Microsoft Azure
Search resources, services, and docs (G+/)
Home > Create a resource >
Create Kubernetes cluster
Basics
Node pools
Access
Networking
Integrations
Advanced
Tags
Review + create
Connect your AKS cluster with additional services.
Azure Container Registry
Connect your cluster to an Azure Container Registry to enable seamless deployments from a private image registry. You can create a new registry or choose one you already have. Learn more about Azure Container Registry
Container registry None
Create new
Azure Monitor
In addition to the CPU and memory metrics included in AKS by default, you can enable Container Insights for more comprehensive data on the overall performance and health of your cluster. Billing is based on data ingestion and retention settings.
Learn more about container performance and health monitoring
Learn more about pricing
Container monitoring
Enabled
Disabled
Azure Policy
Apply at-scale enforcements and safeguards for AKS clusters in a centralized, consistent manner through Azure Policy.
Learn more about Azure Policy for AKS
Create container registr
Registry name * DNAzureACRCase2
Subscription
Azure Pass - Sponsorship
Resource group * DNAzure_ResGrp
Create new
Region * (US) East US
Admin user *
Enable
Disable
SKU * Standard


Mail - Shubham Kumar - Outlook
Skype
Create Kubernetes cluster - Micr
https://portal.azure.com/#create/microsoft.aks
Microsoft Azure
Search resources, services, and docs (G+/)
Home > Create a resource >
Create Kubernetes cluster
Validation passed
Basics
Node pools
Access
Networking
Integrations
Advanced
Tags
Review + create
Basics
Subscription
Azure Pass - Sponsorship
Resource group
DNAzure_ResGrp
Region
East US
Kubernetes cluster name
DNAzure
Kubernetes version
1.21.9
Node pools
Node pools
1
Enable virtual nodes
Disabled
Access
Authentication method
System-assigned managed identity
Role-based access control (RBAC)
Enabled


Mail - Shubham Kumar - Outlook
Skype
microsoft.aks-20220404221425
Home - Microsoft Azure
Deployment of OrderItem.pdf
https://portal.azure.com/#blade/HubsExtension/DeploymentDetailsBlade/overview/id/%2Fsubscriptions%2F78e01...
Microsoft Azure
Search resources, services, and docs (G+/)
Home >
microsoft.aks-20220404221425 | Overview
Deployment
Search (Ctrl+/)
Overview
Inputs
Outputs
Template
Delete
Cancel
Redeploy
Refresh
We'd love your feedback!
Your deployment is complete
Deployment name: microsoft.aks-20220404221425
Subscription: Azure Pass - Sponsorship
Resource group: DNAzure_ResGrp
Start time: 4/4/2022, 10:18:38 PM
Correlation ID: 8c7ba8b4-c61f-477f-81f0-1a4
Deployment details (Download)
Next steps
Deploy a starter application Recommended
Create a Kubernetes deployment Recommended
Integrate automatic deployments within your cluster Recommended
Connect to cluster Recommended
Go to resource
Connect to cluster
Notifications
More events in the activity log →
Deployment succeeded
Deployment 'microsoft.aks-2022
'DNAzure_ResGrp' was successfu
Go to resource
Resource group created
Creating resource group 'DNAzu
Sponsorship' succeeded.
Go to resource group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Skype
DNAzure - Microsoft Azure
DNAzure_ResGrp - Microsoft Azure
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https://portal.azure.com/#@ershubhambhagatoutlook.onmicrosoft.com/resource/subscriptions/78e01c03-0614-4...
Microsoft Azure
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Home > microsoft.aks-20220404221425 >
DNAzure
Kubernetes service
Search (Ctrl+/)
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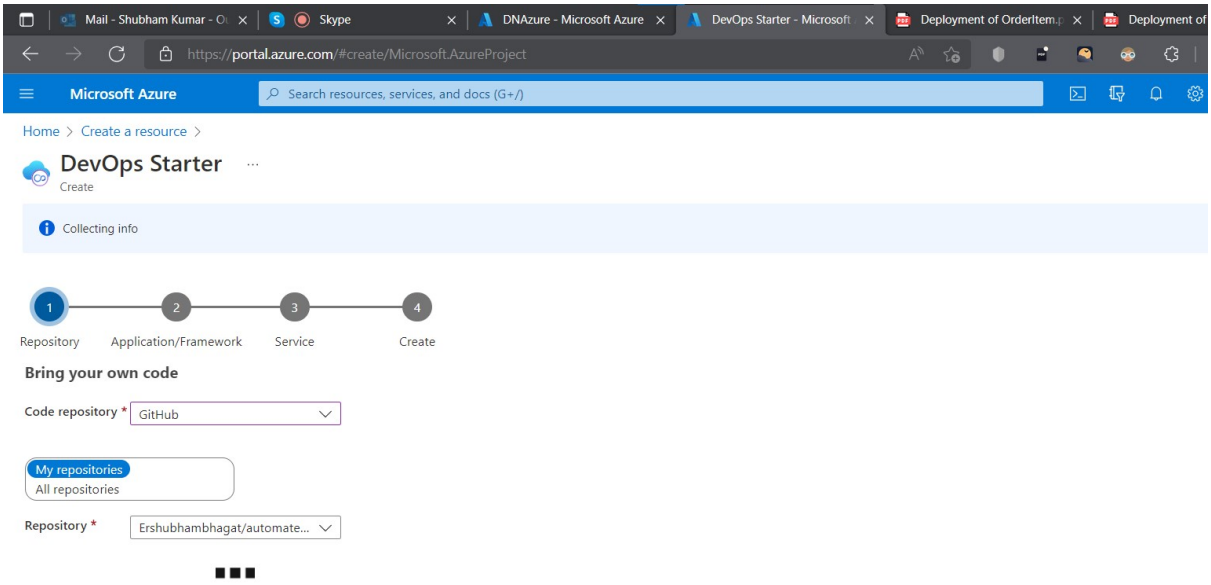
Connect
Start
Stop
Delete
Refresh
Give feedback
Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems
Security
Kubernetes resources
Namespaces
Essentials
Resource group : DNAzure_ResGrp
Status : Succeeded (Running)
Location : eastus
Subscription : Azure Pass - Sponsorship
Subscription ID : 78e01c03-0614-461b-9d10-336c4ac50ce9
Tags (edit) : Click here to add tags
Kubernetes version : 1.21.9
API server address : dnazure-dns-44b482d5.hcp.ea
Network type (plugin) : Kubenet
Node pools : 1 node pool
Get started
Properties
Monitoring
Capabilities
Recommendations
Tutorials
Bash
Requesting a Cloud Shell.Succeeded.
Connecting terminal...
Welcome to Azure Cloud Shell
Type "az" to use Azure CLI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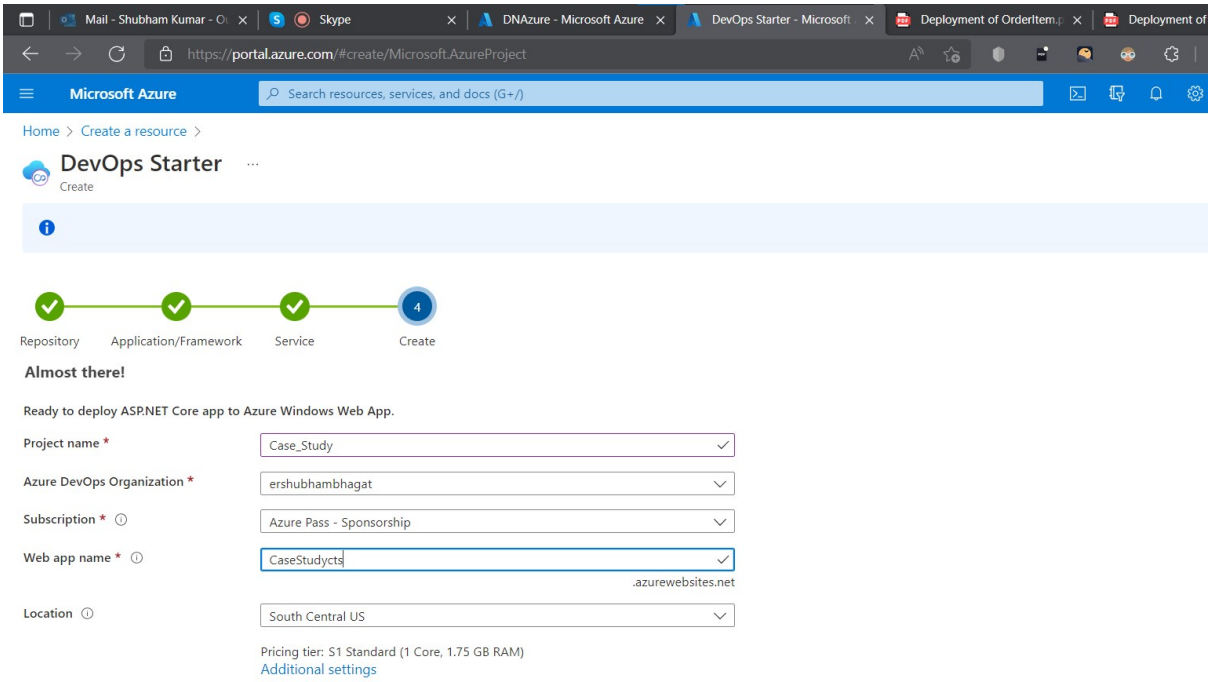
Skype
DNAzure - Microsoft Azure
DevOps Starter - Microsoft
Deployment of OrderItem.p
Deployment of
https://portal.azure.com/#create/Microsoft.AzureProject
Microsoft Azure
Search resources, services, and docs (G+/)
Home > Create a resource >
DevOps Starter
Create
Collecting info
1
2
3
4
Repository
Application/Framework
Service
Create
Bring your own code
Code repository * GitHub
My repositories
All repositories
Repository * Ershubhambhagat/automate...


Mail - Shubham Kumar - O
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DevOps Starter - Microsoft
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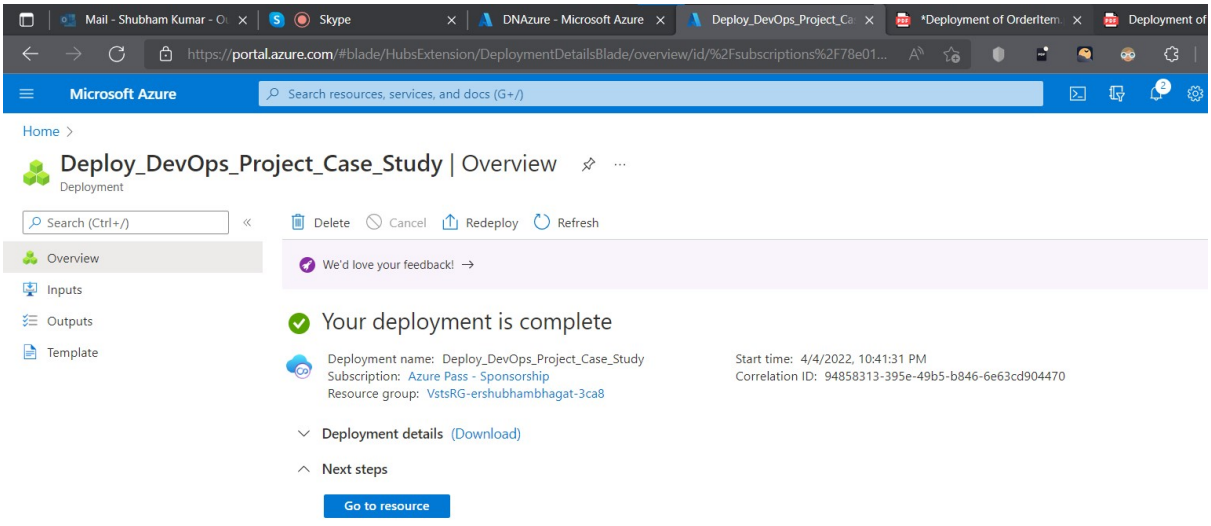
https://portal.azure.com/#create/Microsoft.AzureProject
Microsoft Azure
Search resources, services, and docs (G+/)
Home > Create a resource >
DevOps Starter
Create
Repository
Application/Framework
Service
4
Create
Almost there!
Ready to deploy ASP.NET Core app to Azure Windows Web App.
Project name *
Case_Study
Azure DevOps Organization *
ershubhambhagat
Subscription *
Azure Pass - Sponsorship
Web app name *
CaseStudycts
.azurewebsites.net
Location
South Central US
Pricing tier: S1 Standard (1 Core, 1.75 GB RAM)
Additional settings


Mail - Shubham Kumar - O
Skype
DNAzure - Microsoft Azure
Deploy_DevOps_Project_Ca
*Deployment of OrderItem
Deployment of
https://portal.azure.com/#blade/HubsExtension/DeploymentDetailsBlade/overview/id/%2Fsubscriptions%2F78e01...
Microsoft Azure
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Home >
Deploy_DevOps_Project_Case_Study | Overview
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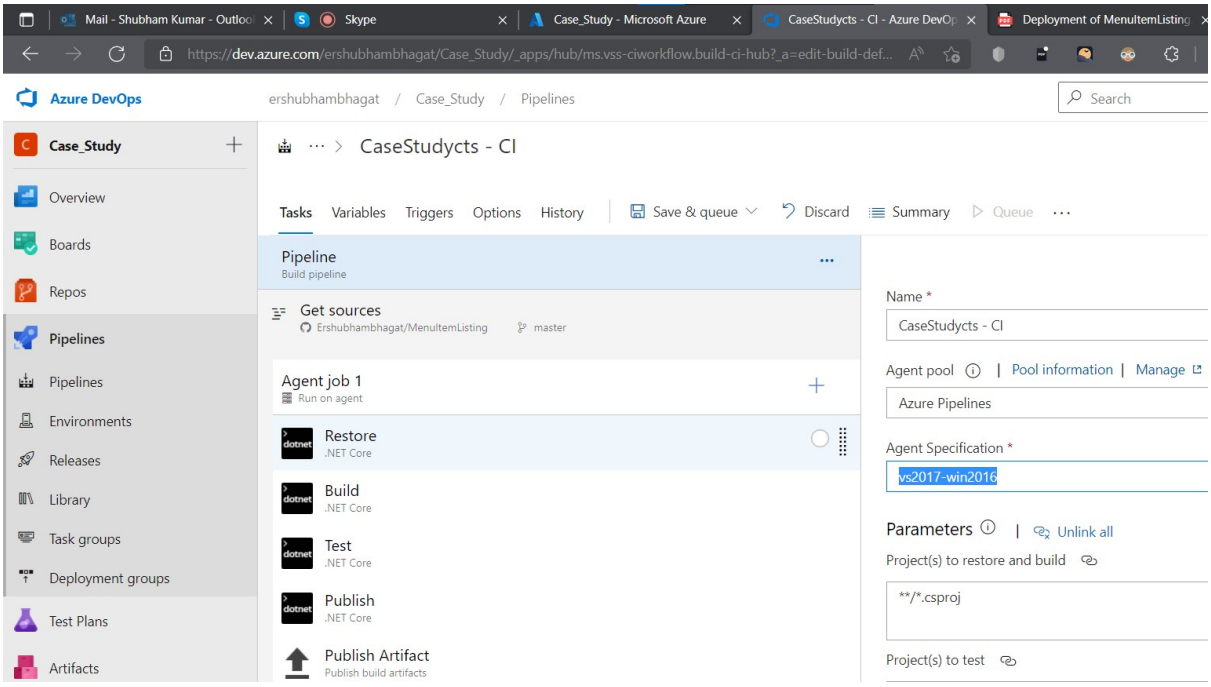
Search (Ctrl+/)
Overview
Inputs
Outputs
Template
Delete
Cancel
Redeploy
Refresh
We'd love your feedback!
Your deployment is complete
Deployment name: Deploy_DevOps_Project_Case_Study
Subscription: Azure Pass - Sponsorship
Resource group: VstsRG-ershubhambhagat-3ca8
Start time: 4/4/2022, 10:41:31 PM
Correlation ID: 94858313-395e-49b5-b846-6e63cd904470
Deployment details (Download)
Next steps
Go to resource


Mail - Shubham Kumar - Outlook
Skype
Case_Study - Microsoft Azure
CaseStudycts - CI - Azure DevOps
Deployment of MenuItemListing
https://dev.azure.com/ershubhambhagat/Case_Study/_apps/hub/ms.vss-ciworkflow.build-ci-hub?_a=edit-build-def...
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ershubhambhagat / Case_Study / Pipelines
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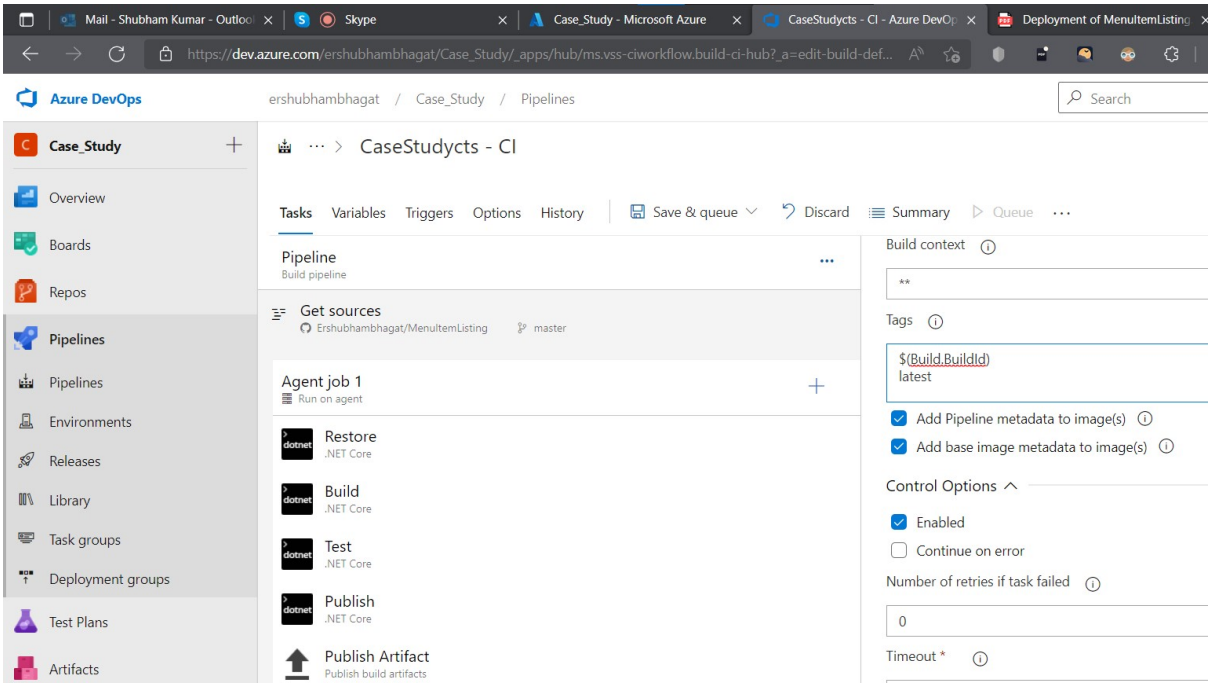
Discard
Summary
Queue
Pipeline
Build pipeline
Get sources
Ershubhambhagat/MenuItemListing
master
Agent job 1
Run on agent
Restore
.NET Core
Build
.NET Core
Test
.NET Core
Publish
.NET Core
Publish Artifact
Publish build artifacts
Name *
CaseStudycts - CI
Agent pool
Pool information
Manage
Azure Pipelines
Agent Specification *
vs2017-win2016
Parameters
Unlink all
Project(s) to restore and build
**/*.csproj
Project(s) to test

]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CaseStudycts - CI - Azure DevOps
Deployment of MenuItemListing
https://dev.azure.com/ershubhambhagat/Case_Study/_apps/hub/ms.vss-ciworkflow.build-ci-hub?_a=edit-build-def...
Azure DevOps
ershubhambhagat / Case_Study / Pipelines
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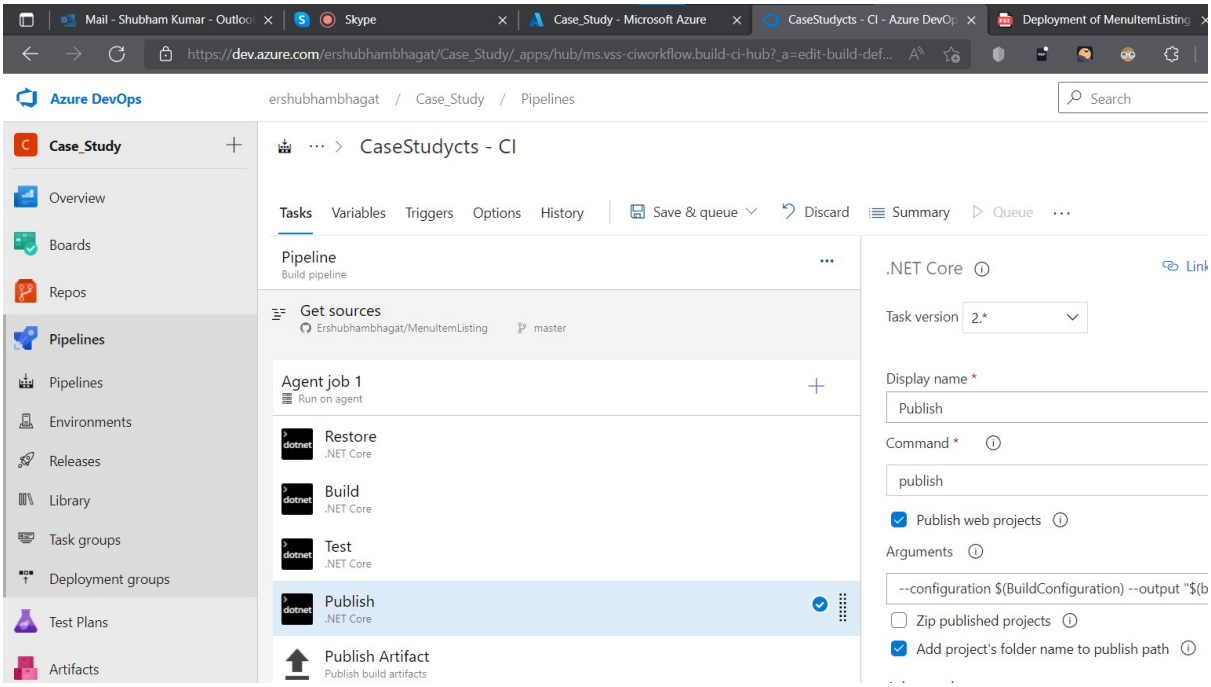
Build pipeline
Get sources
Ershubhambhagat/MenuItemListing
master
Agent job 1
Run on agent
Restore
.NET Core
Build
.NET Core
Test
.NET Core
Publish
.NET Core
Publish Artifact
Publish build artifacts
Build context
**
Tags
$(Build.BuildId)
latest
Add Pipeline metadata to image(s)
Add base image metadata to image(s)
Control Options
Enabled
Continue on error
Number of retries if task failed
0
Timeout *


Azure DevOps
ershubhambhagat / Case_Study / Pipelines
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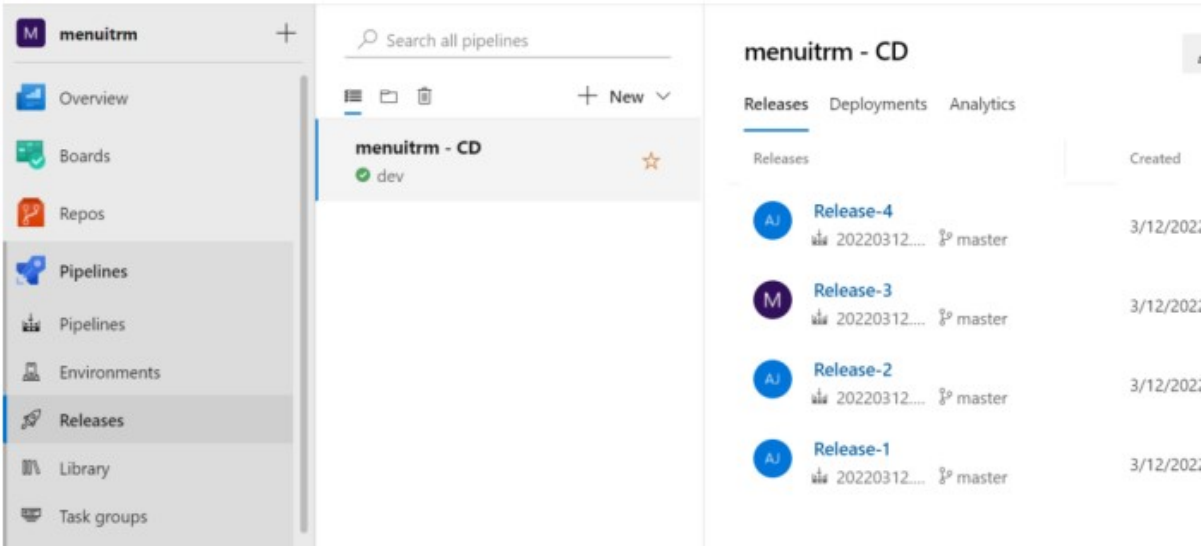
.NET Core
Build
.NET Core
Test
.NET Core
Publish
.NET Core
Publish Artifact
Publish build artifacts
.NET Core
Task version
2.*
Display name *
Publish
Command *
publish
Publish web projects
Arguments
--configuration $(BuildConfiguration) --output "$(b
Zip published projects
Add project's folder name to publish path


menuitrm
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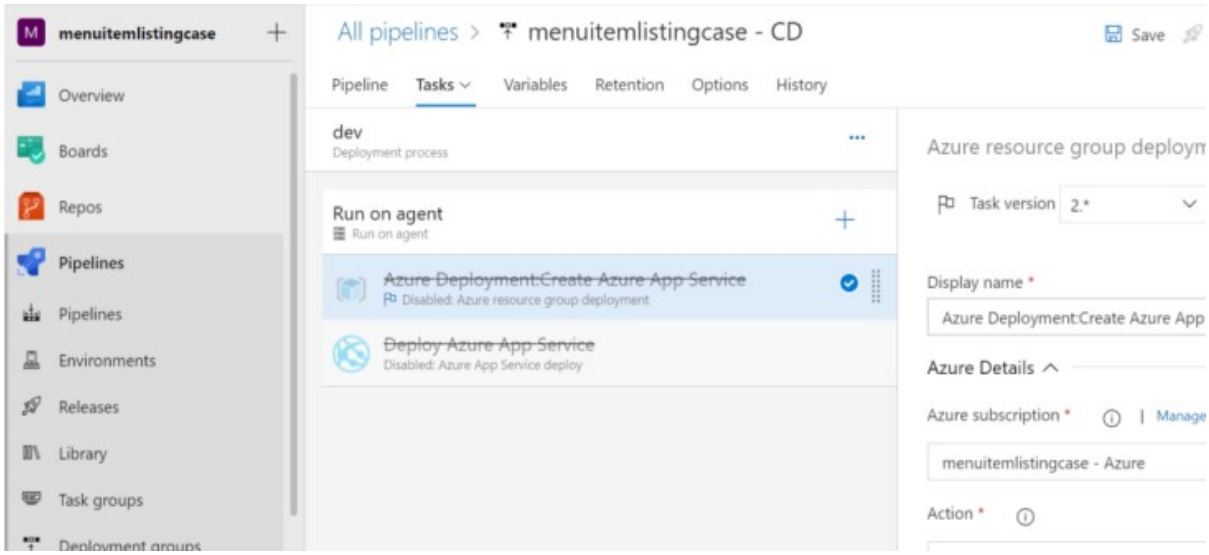
Task groups
Search all pipelines
New
menuitrm - CD
dev
menuitrm - CD
Releases
Deployments
Analytics
Releases
Created
Release-4
20220312.... master
Release-3
20220312.... master
Release-2
20220312.... master
Release-1
20220312.... master

S


menuitemlistingcase
Overview
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Deployment groups
All pipelines > menuitemlistingcase - CD
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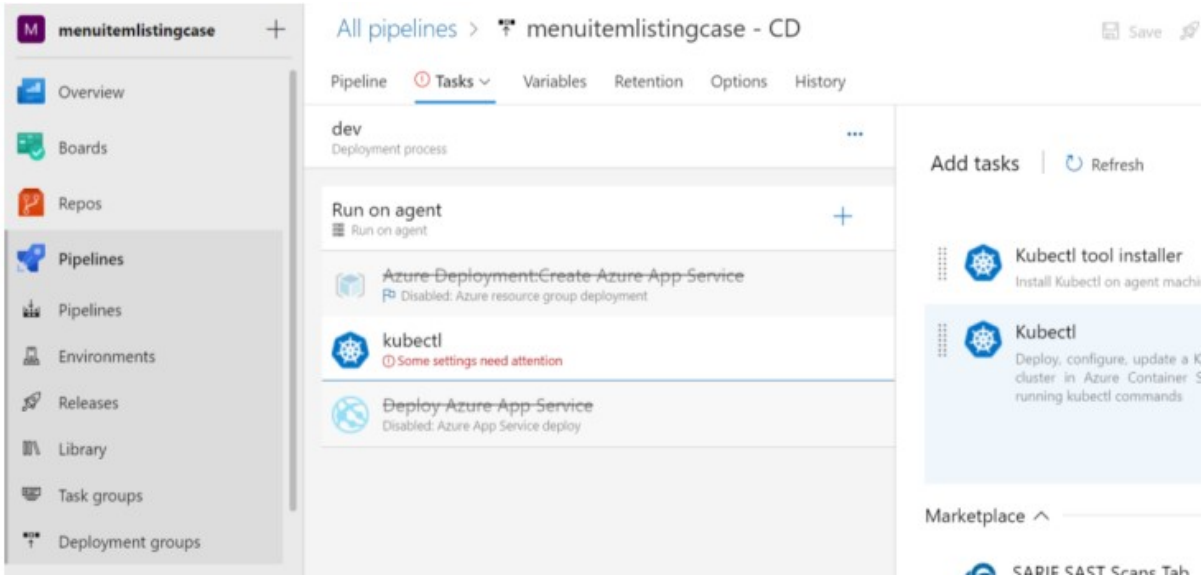
Variables
Retention
Options
History
dev
Deployment process
Run on agent
Run on agent
Azure Deployment:Create Azure App Service
Disabled: Azure resource group deployment
Deploy Azure App Service
Disabled: Azure App Service deploy
Azure resource group deploym
Task version
2.*
Display name *
Azure Deployment:Create Azure App
Azure Details
Azure subscription *
Manage
menuitemlistingcase - Azure
Action *


menuitemlistingcase
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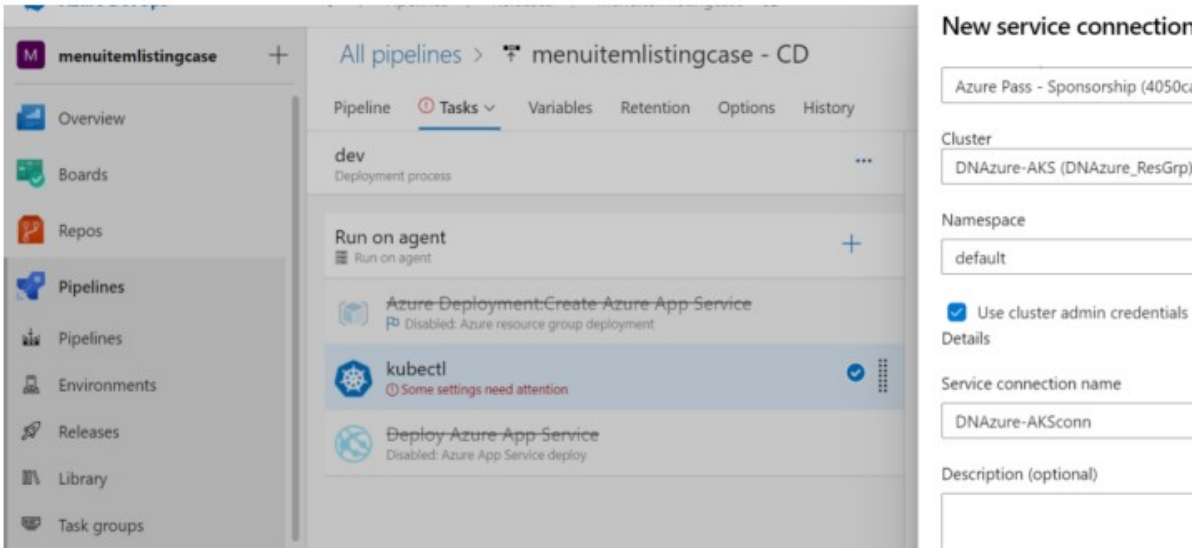
Run on agent
Azure Deployment:Create Azure App Service
Disabled: Azure resource group deployment
kubectl
Some settings need attention
Deploy Azure App Service
Disabled: Azure App Service deploy
Add tasks
Refresh
Kubectl tool installer
Kubectl
Deploy, configure, update a K
cluster in Azure Container
running kubectl commands
Marketplace


menuitemlistingcase
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All pipelines > menuitemlistingcase - CD
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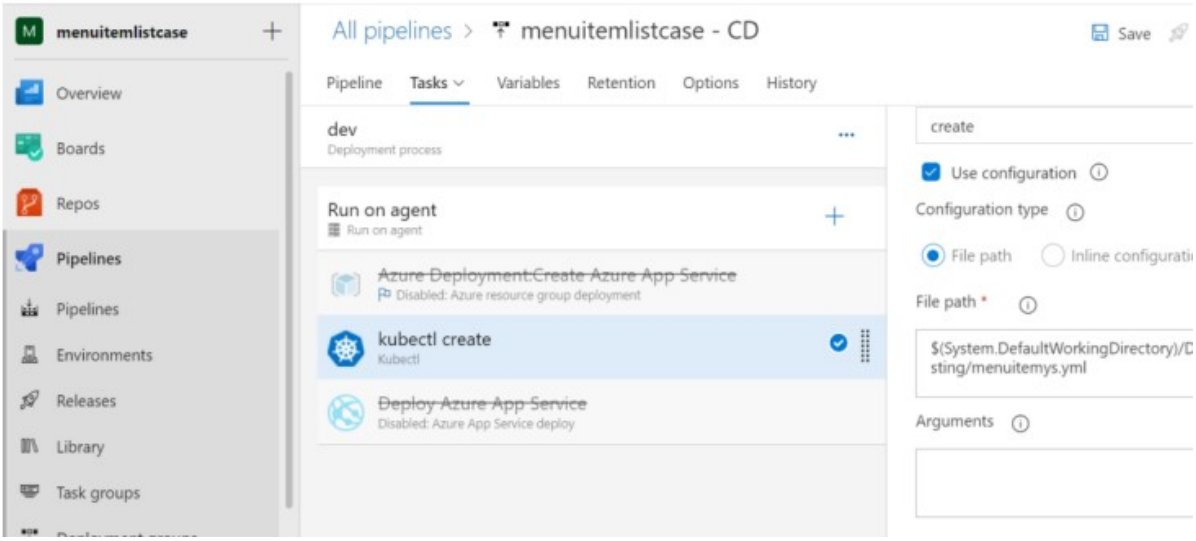
Run on agent
Azure Deployment:Create Azure App Service
Disabled: Azure resource group deployment
kubectl
Some settings need attention
Deploy Azure App Service
Disabled: Azure App Service deploy
New service connection
Azure Pass - Sponsorship (4050c
Cluster
DNAzure-AKS (DNAzure_ResGrp)
Namespace
default
Use cluster admin credentials
Details
Service connection name
DNAzure-AKSconn
Description (optional)


menuitemlistcase
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Pipelines
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All pipelines > menuitemlistcase - CD
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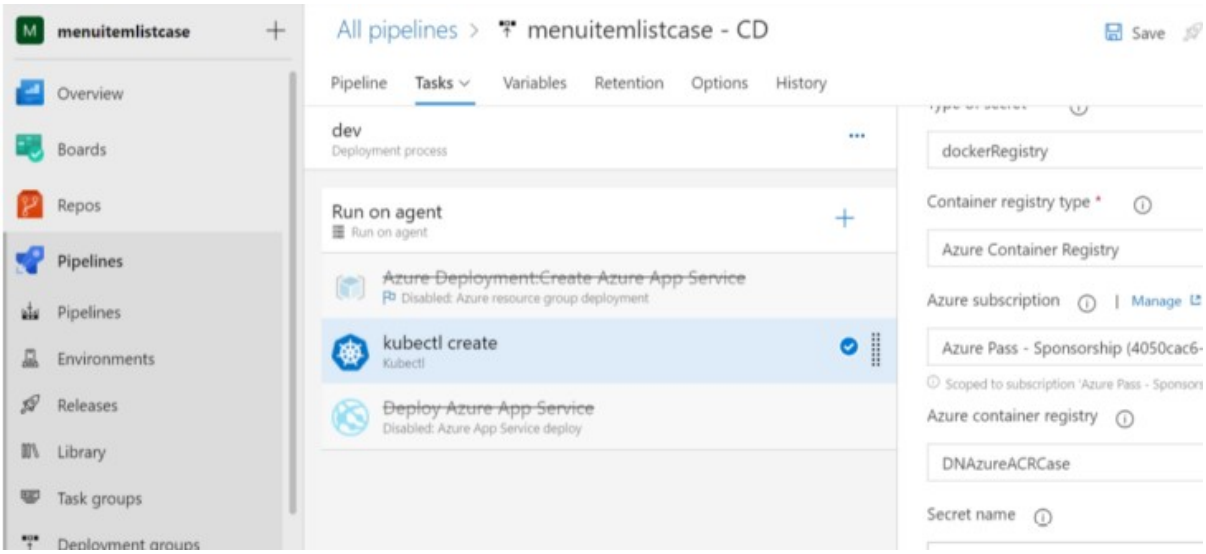
Deployment process
Run on agent
Run on agent
Azure Deployment:Create Azure App Service
Disabled: Azure resource group deployment
kubectl create
Kubectl
Deploy Azure App Service
Disabled: Azure App Service deploy
create
Use configuration
Configuration type
File path
Inline configurati
File path *
$(System.DefaultWorkingDirectory)/D
sting/menuitemys.yml
Arguments


menuitemlistcase
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Deployment groups
All pipelines > menuitemlistcase - CD
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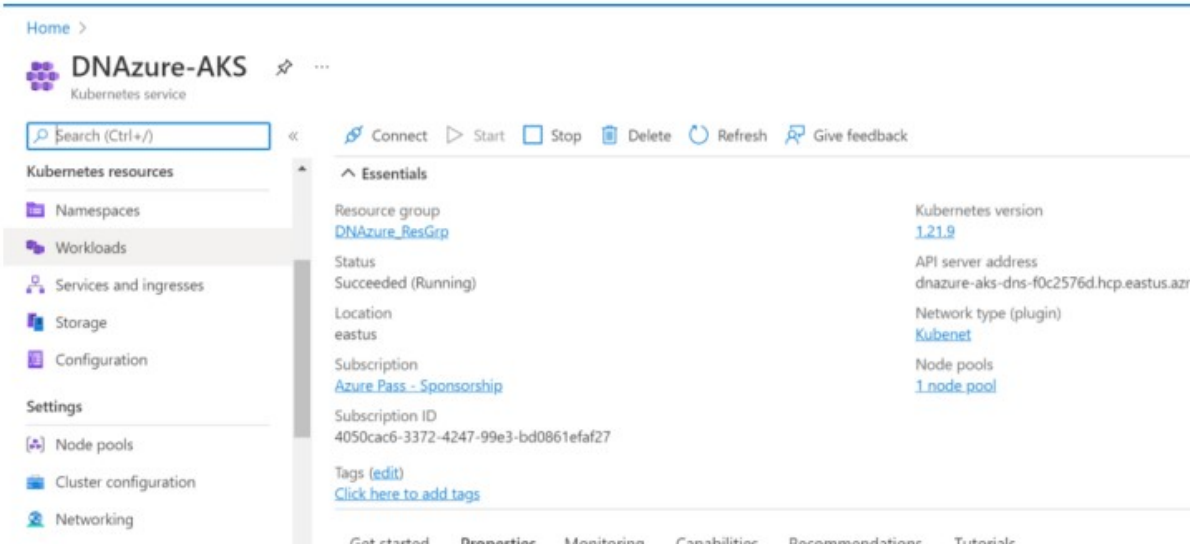
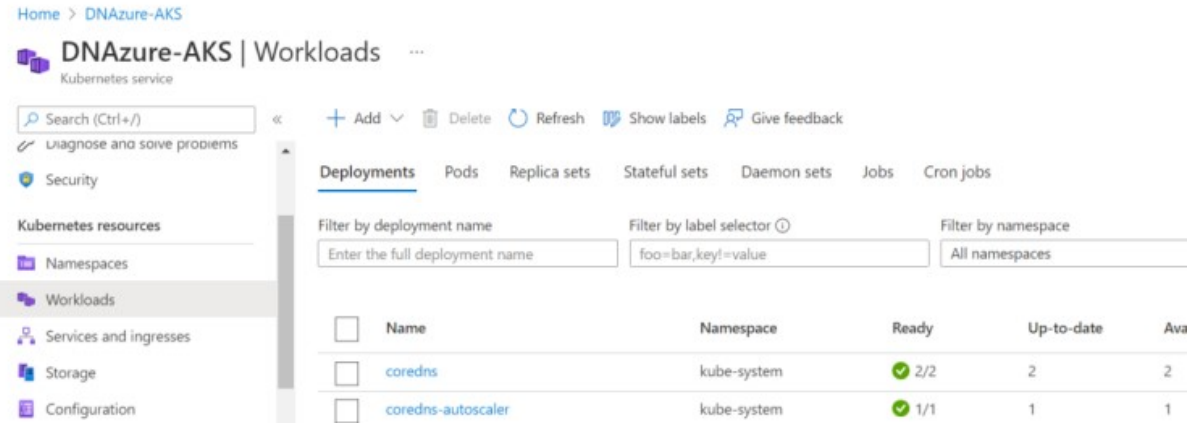
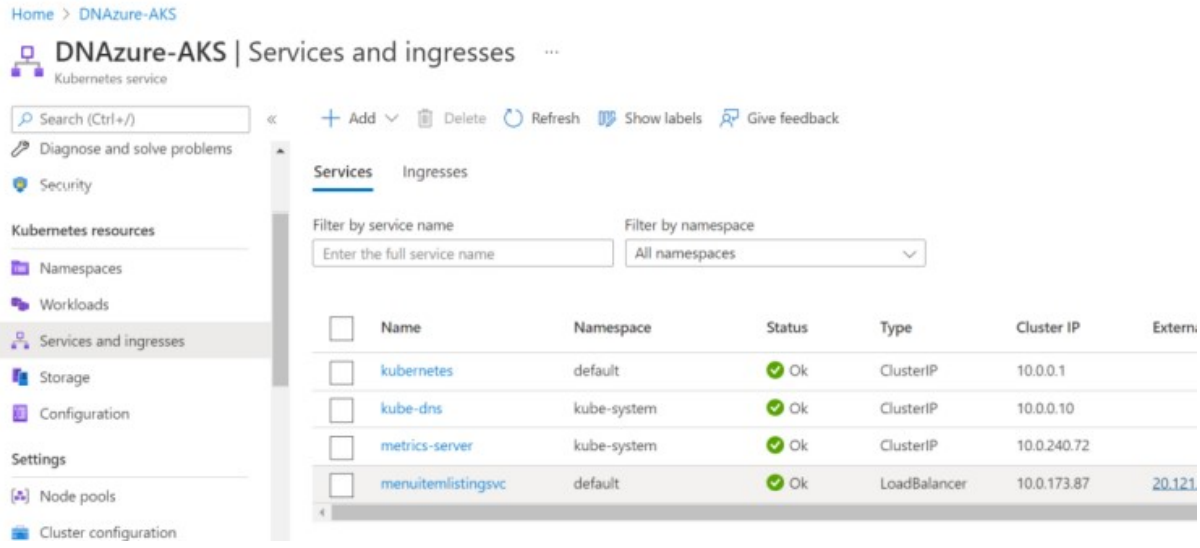
Run on agent
Azure Deployment:Create Azure App Service
Disabled: Azure resource group deployment
kubectl create
Kubectl
Deploy Azure App Service
Disabled: Azure App Service deploy
dockerRegistry
Container registry type *
Azure Container Registry
Azure subscription
Manage
Azure Pass - Sponsorship (4050cac6-
Scoped to subscription 'Azure Pass - Sponsors
Azure container registry
DNAzureACRCase
Secret name


Home >
DNAzure-AKS
Kubernetes service
Search (Ctrl+/)
Kubernetes resources
Namespaces
Workloads
Services and ingresses
Storage
Configuration
Settings
Node pools
Cluster configuration
Networking
Connect
Start
Stop
Delete
Refresh
Give feedback
Essentials
Resource group
DNAzure_ResGrp
Status
Succeeded (Running)
Location
eastus
Subscription
Azure Pass - Sponsorship
Subscription ID
4050cac6-3372-4247-99e3-bd0861efaf27
Tags (edit)
Click here to add tags
Kubernetes version
1.21.9
API server address
dnazure-aks-dns-f0c2576d.hcp.eastus.azr
Network type (plugin)
Kubenet
Node pools
1 node pool





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