

Labs

Labs

<https://github.com/mufajjul/aml-govsec2020-workshop/tree/master/labs>

- Lab 1: machine learning create workspace
- Lab 2: machine learning create compute instance
- Lab 3: machine learning create compute cluster
- Lab 4: machine learning create Custom RBAC

Lab 1: Create Workspace

Azure Machine Learning workspace

Storage account

Container registry

Key vault

Application Insights

Storage account

- Data and Metadata data storage
 - EG
 - Notebooks and uploaded content
 - Connections to datastores
 - Experiment Runs
 - Snapshots
 - '.pkl's
 - Images and labelling metadata
 - etc
 - etc

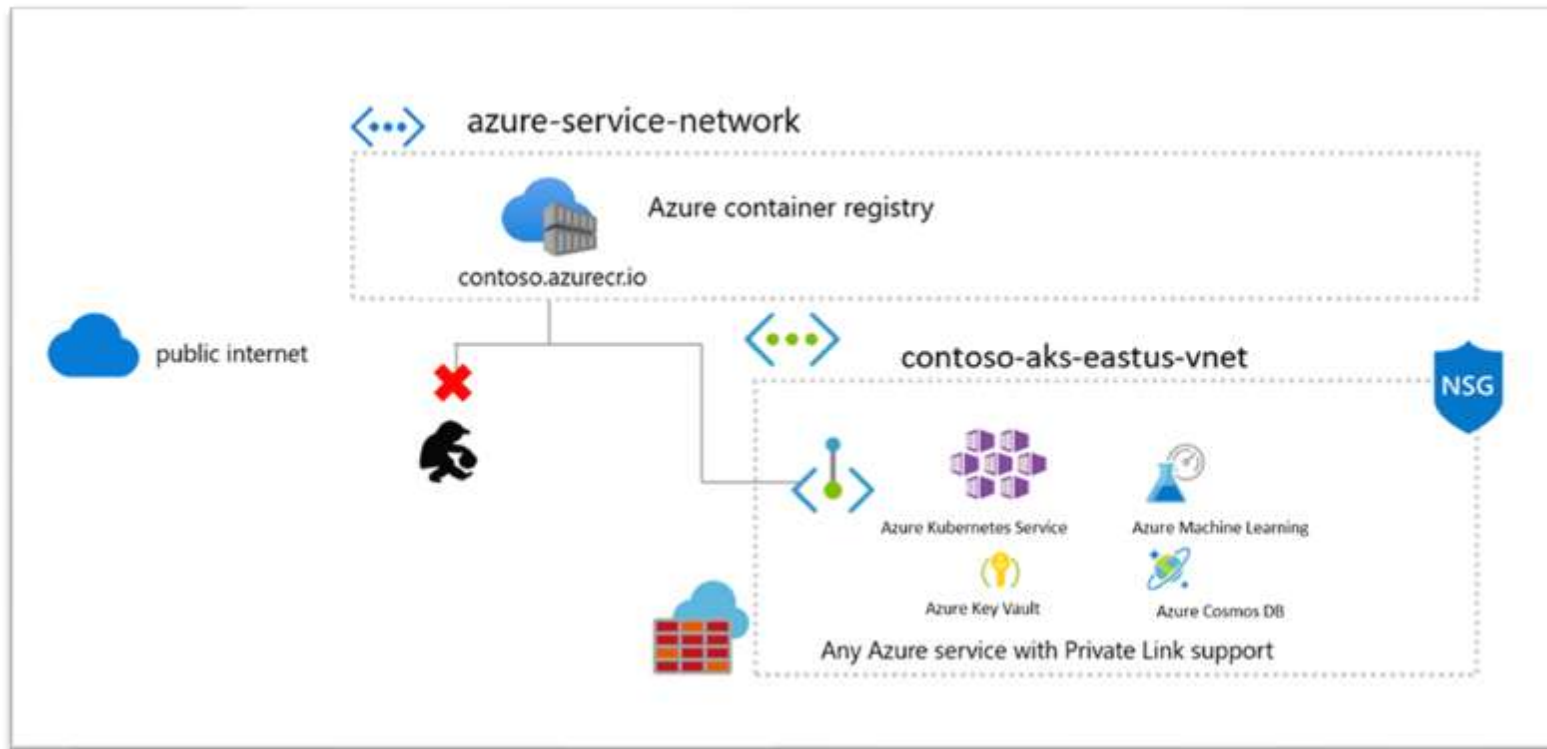
Container registry

Key vault

Application Insights

Container registry

- Encrypted Container Storage
 - Works with Azure Private Link



Storage account

Key vault

Application Insights

Key vault

- Secret and key storage
 - Connection to data stores
 - Key security for training data connections and live data connections



Storage account

Container registry

Application Insights

Application Insights

- Monitor applications
- Record telemetry



Storage account

Container registry

Key vault

Create Resources

Lab 2

- **Create Machine Learning Compute**

Lab 3

- **Create Notebook Virtual Machine**

Lab 4

- **Create Custom Role Based Access Control (RBAC)**



Microsoft