Lab 2 8921
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Allowed locations
Policy definition

Assign policy | Edit definition | Duplicate definition | Select version | Delete definition

△ Essentials

Name	: Allowed locations	Definition location	: --
Version	: 1.0.0	Definition ID	: /providers/Microsoft.Authorization/policyDefinitions/e56962a6-4747-49cd-b67b-...
Description	: This policy enables you to restrict the locations your organization can specify whe...	Type	: Built-in
Available Effects	: Deny	Mode	: Indexed
Category	: General		

Definition | Assignments (0) | Parameters (1)

```
1  {
2    "properties": {
3      "displayName": "Allowed locations",
4      "policyType": "BuiltIn",
5      "mode": "Indexed",
6      "description": "This policy enables you to restrict the locations your organization can specify when deploying resources. Use to enforce your geo-compliance requireme
7      "metadata": {
8        "version": "1.0.0",
9        "category": "General"
10      },
11      "version": "1.0.0",
```

Creation of the allowed location policy above is shown

Create a virtual machine ...

ⓘ This subscription may not be eligible to deploy VMs of certain sizes in certain regions.

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ	Azure for Students ⌄
Resource group * ⓘ	policy ⌄
	Create new

Instance details

Virtual machine name * ⓘ	policytest ✓
Region * ⓘ	(US) East US ⌄

Deploy to an Azure Extended Zone

❌ This policy maintains a set of best available regions where your subscription can deploy resources. The objective of this policy is to ensure that your subscription has full access to Azure services with optimal performance. Should you need additional or different regions, contact support.

Availability options ⓘ	Availability zone ⌄

< Previous | Next : Disks > | **Review + create**

The policy is enforced for this instance and no resource can be created here unless it is canada central and it gives us a warning if we try continue and do this thus showing enforcement of the policy

Create virtual network ...   ✕

✅ Validation passed

Basics   Security   IP addresses   Tags   **Review + create**

View automation template

Basics

Subscription	Azure for Students
Resource Group	policy
Name	policyVN
Region	Canada Central

Security

Azure Bastion	Disabled
Azure Firewall	Disabled
Azure DDoS Network Protection	Disabled

IP addresses

<--> **policyVN** 📌 ☆ ···   🟦 [Diagnose issues with this virtual network] [+2]   ✕
Virtual network

🔍 Search   ⬍ «

<--> **Overview**	
🗔 Activity log	
👥 Access control (IAM)	
🏷️ Tags	
🛠️ Diagnose and solve problems	
🔗 Resource visualizer	
> Settings	
> Monitoring	
> Automation	
> Help	

→ Move ∨   🗑️ Delete   🔄 Refresh   👥 Give feedback

∧ **Essentials**   JSON View

Resource group (...	: policy
Location (move)	: Canada Central
Subscription (...	: Azure for Students
Subscription ID	: acc96d9d-e040-48a5-9191-cd80276cb66d
Address space	: 10.0.0.0/16
Subnets	: 1 subnet
DNS servers	: Azure provided DNS service
BGP community s...	: Configure
Virtual network ID	: 26477f30-4cc6-4341-a241-9dce23cbe884
Tags (edit)	: Add tags

Topology   Properties   **Capabilities (5)**   Recommendations

Tutorials

The virtual network is created and follows the policy we enforced in canada central

Public subnets and private subnets created as shown above on the virtual network made

Outbound security rules after creation of the private subnet nsg

Allowing of RDP in the inbound rules is created above
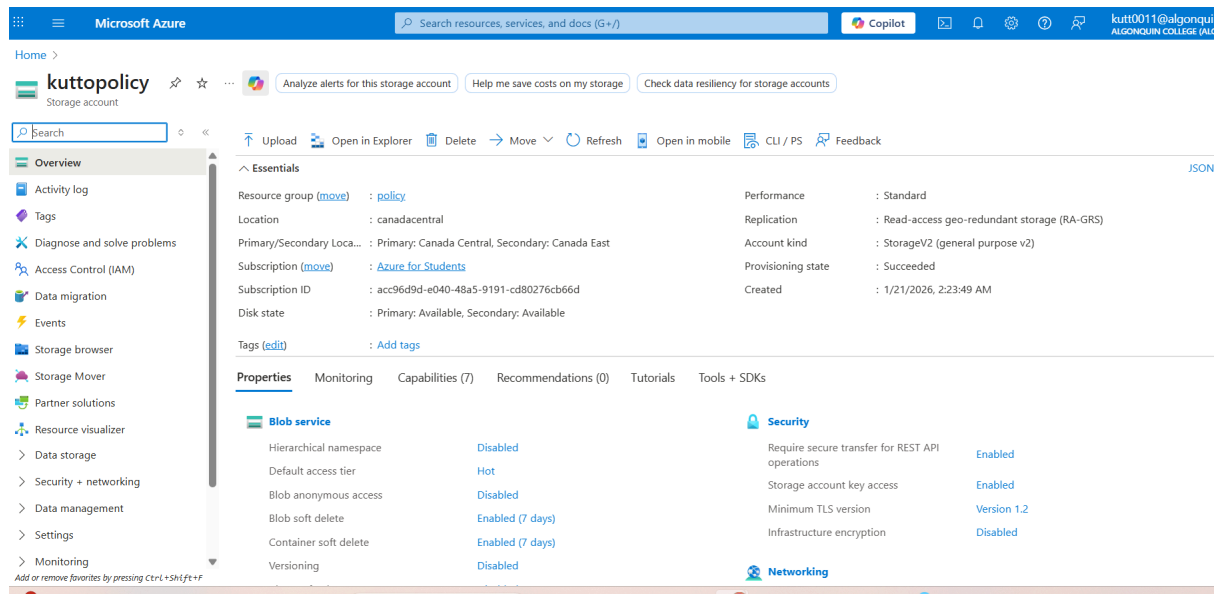
Storage account created successfully

Create a virtual machine

Help me choose the right VM size for my workload   Help me create a lo

✓ Validation passed

Subscription	Azure for Students
Resource group	policy
Virtual machine name	Vm-private
Region	Canada Central
Availability options	Availability zone
Zone options	Self-selected zone
Availability zone	1
Security type	Trusted launch virtual machines
Enable secure boot	Yes
Enable vTPM	Yes
Integrity monitoring	No
Image	Windows Server 2022 Datacenter: Azure Edition - Gen2
VM architecture	x64
Size	Standard D2s v3 (2 vcpus, 8 GiB memory)
Enable Hibernation	No
Username	kutt0011
Already have a Windows license?	No
Azure Spot	No

Vm-private - windows overview files

✅ Validation passed	

Subscription	Azure for Students
Resource group	policy
Virtual machine name	Vm-public
Region	Canada Central
Availability options	Availability zone
Zone options	Self-selected zone
Availability zone	1
Security type	Trusted launch virtual machines
Enable secure boot	Yes
Enable vTPM	Yes
Integrity monitoring	No
Image	Windows Server 2022 Datacenter: Azure Edition - Gen2
VM architecture	x64
Size	Standard D2s v3 (2 vcpus, 8 GiB memory)
Enable Hibernation	No
Username	kutt0011
Public inbound ports	RDP

Vm-public overview page windows

Basics   **Advanced**   **Tags**   **Review + create**

Summary

Basics

Name	kutt0011bastion
Subscription	Azure for Students
Resource group	policy
Region	Canada Central
Availability zone	1, 2, 3
Virtual network	policyVN (policy)
Tier	Standard
Subnets	AzureBastionSubnet
Public IPv4 address	policyVN-IPv4
Instance count	2
Copy and paste	Enabled
IP-based connection	Disabled
Kerberos authentication	Disabled
Shareable Link	Disabled
Session recording	Disabled
Native client support	Disabled
Private Bastion	Disabled

Denied request

Cleanup of files and policy plus all other resources