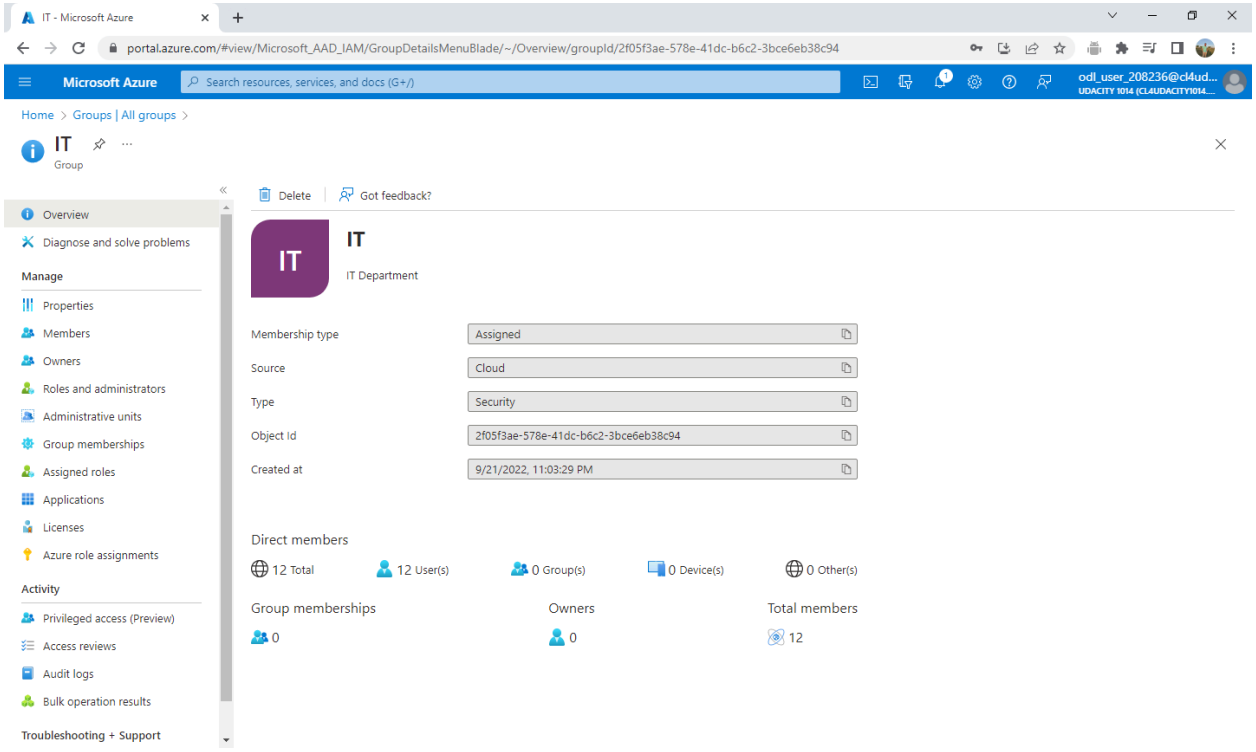
Attention students:

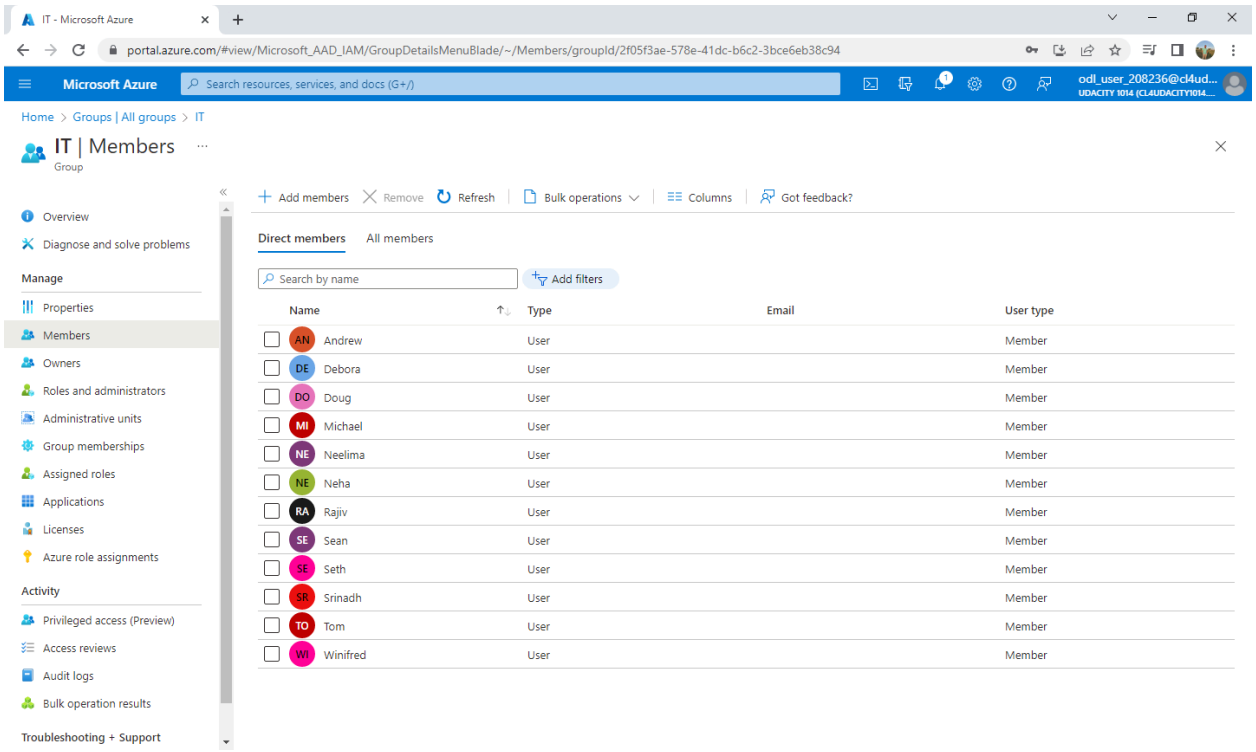
In order to demonstrate successful completion of all components in the project, please use screenshot(s) to show each <u>completed</u> action step as specified on the instructions page.

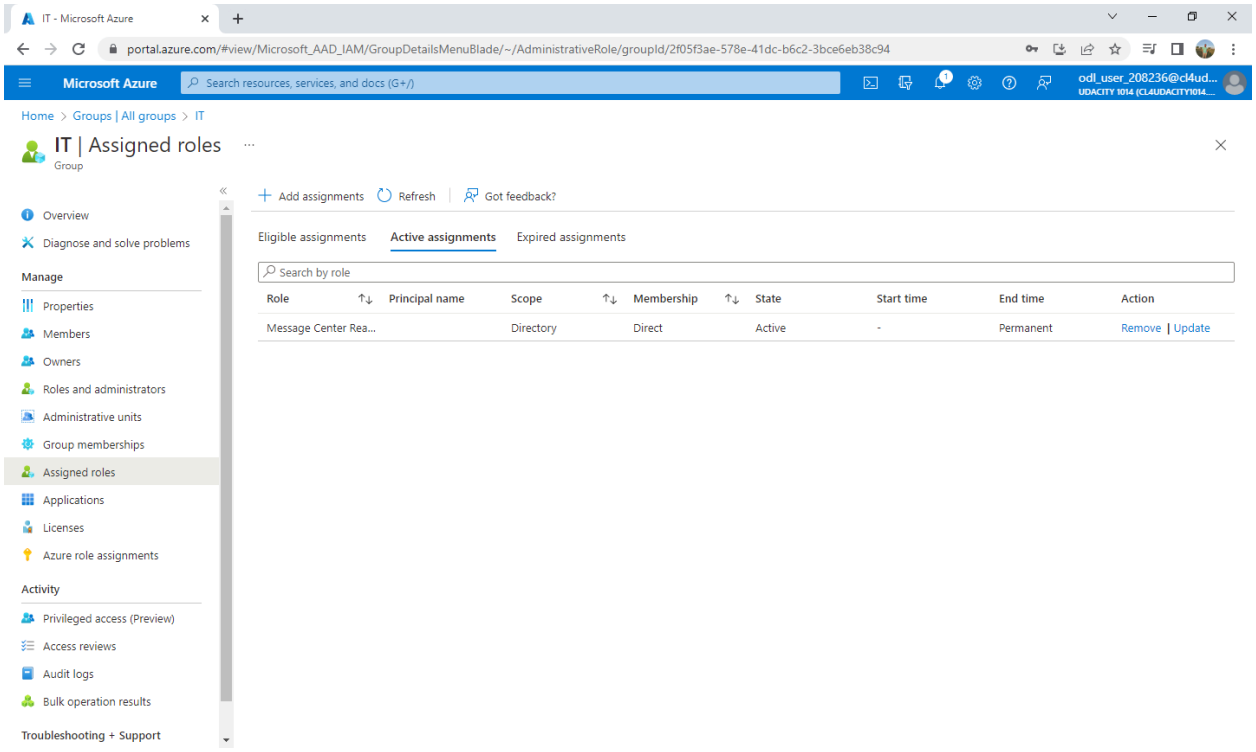
Identity and Access Management

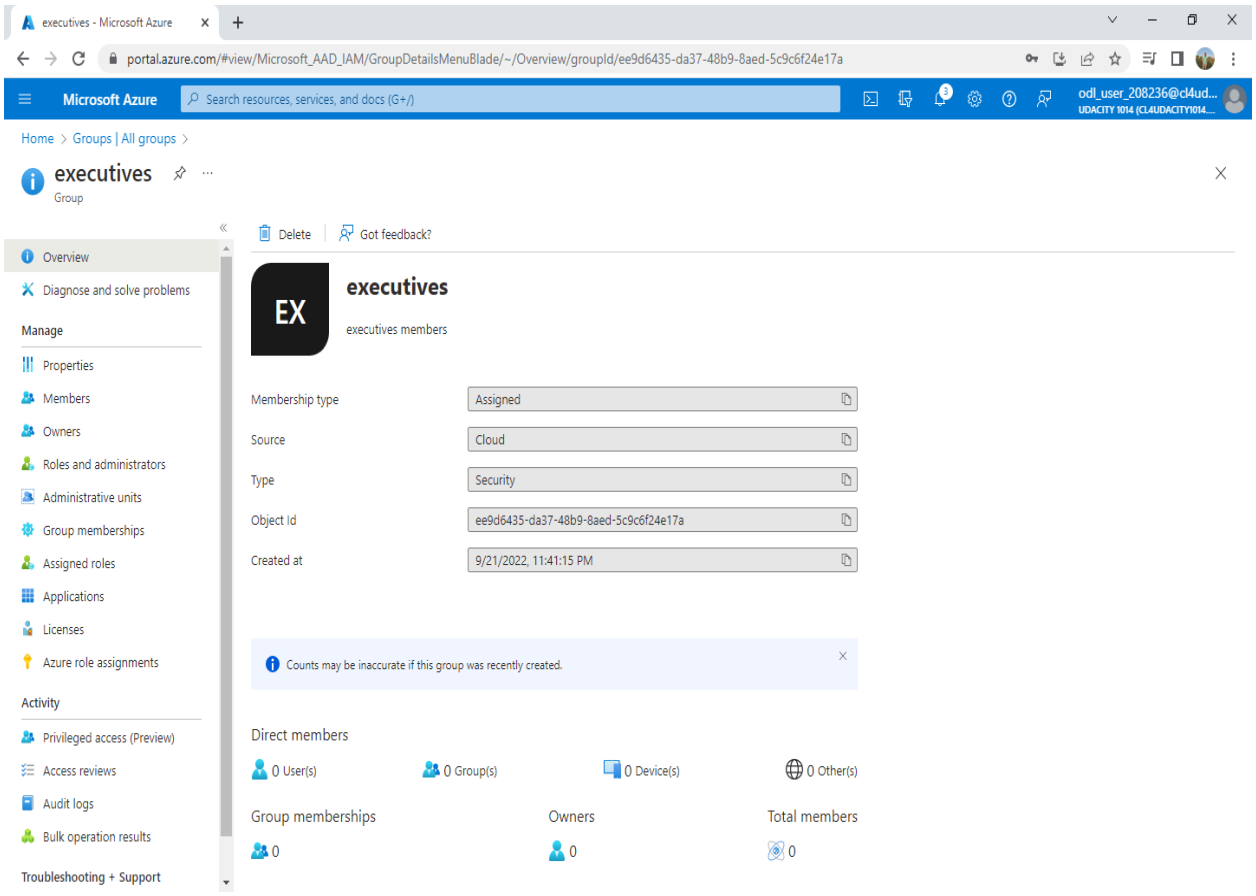
1. Proof of Assigned roles and AD assignments

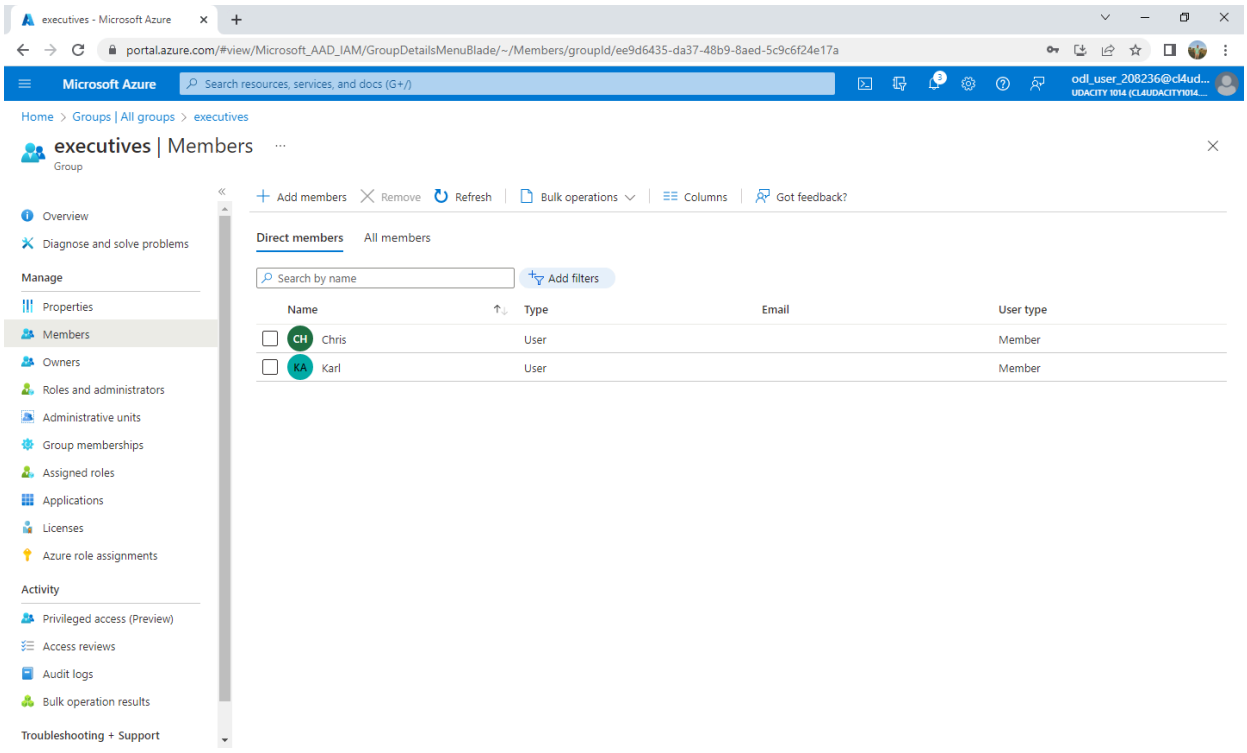
Andrew–neelima–neha–seth–srinadh–tom-winifred

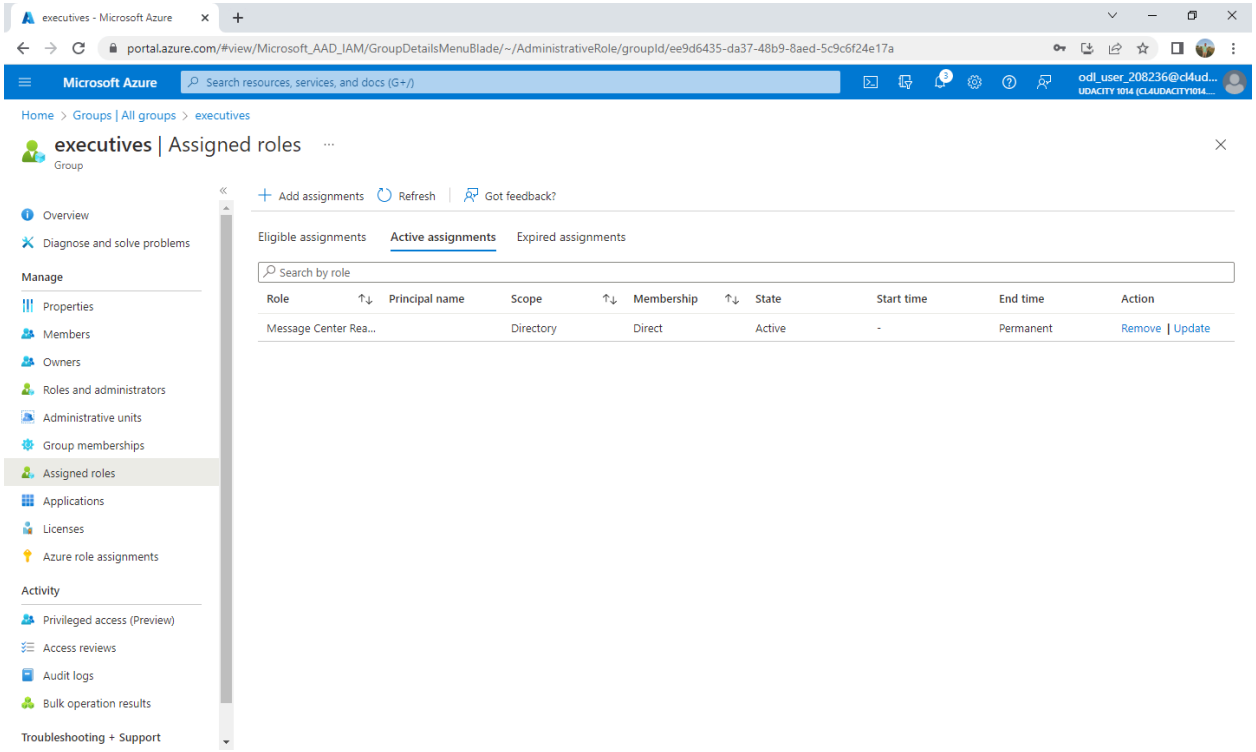


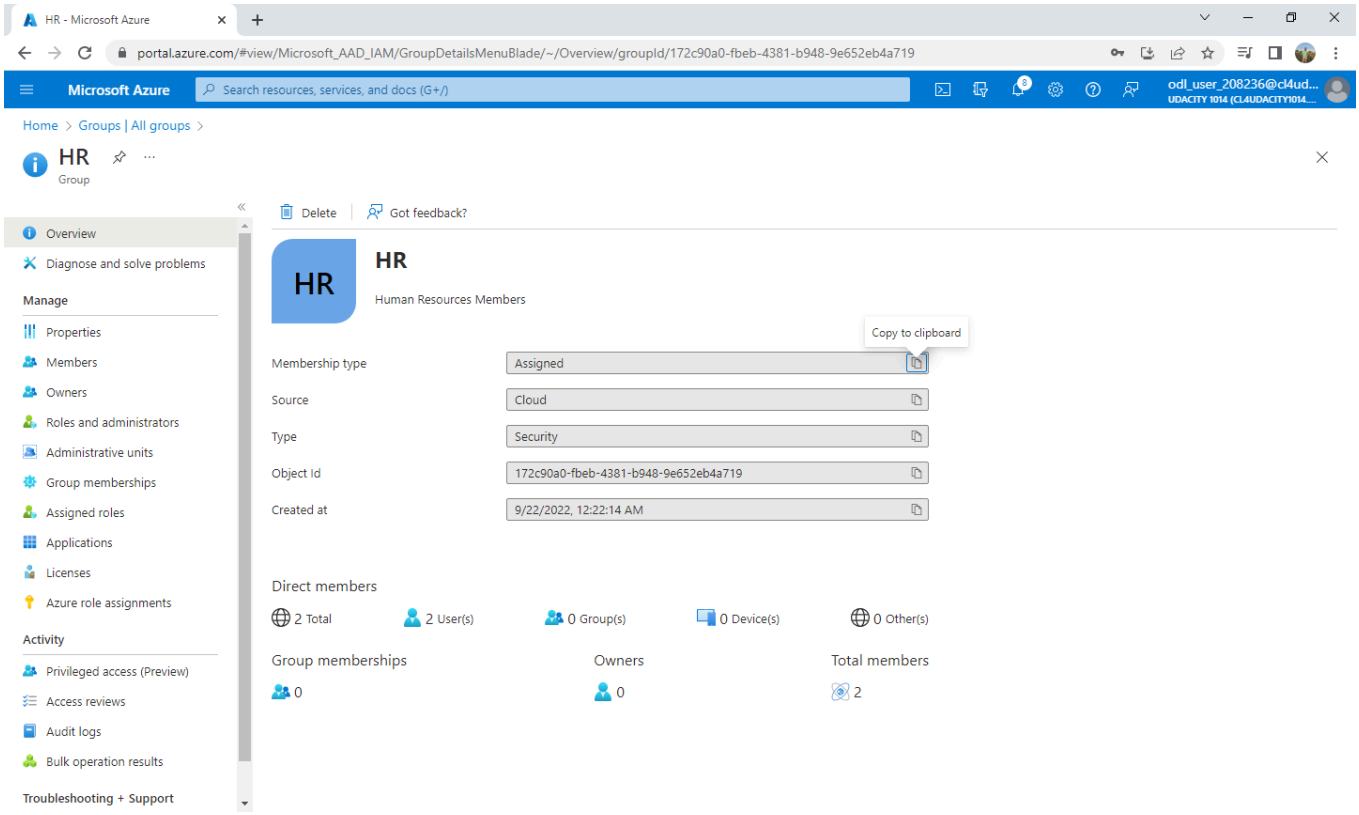


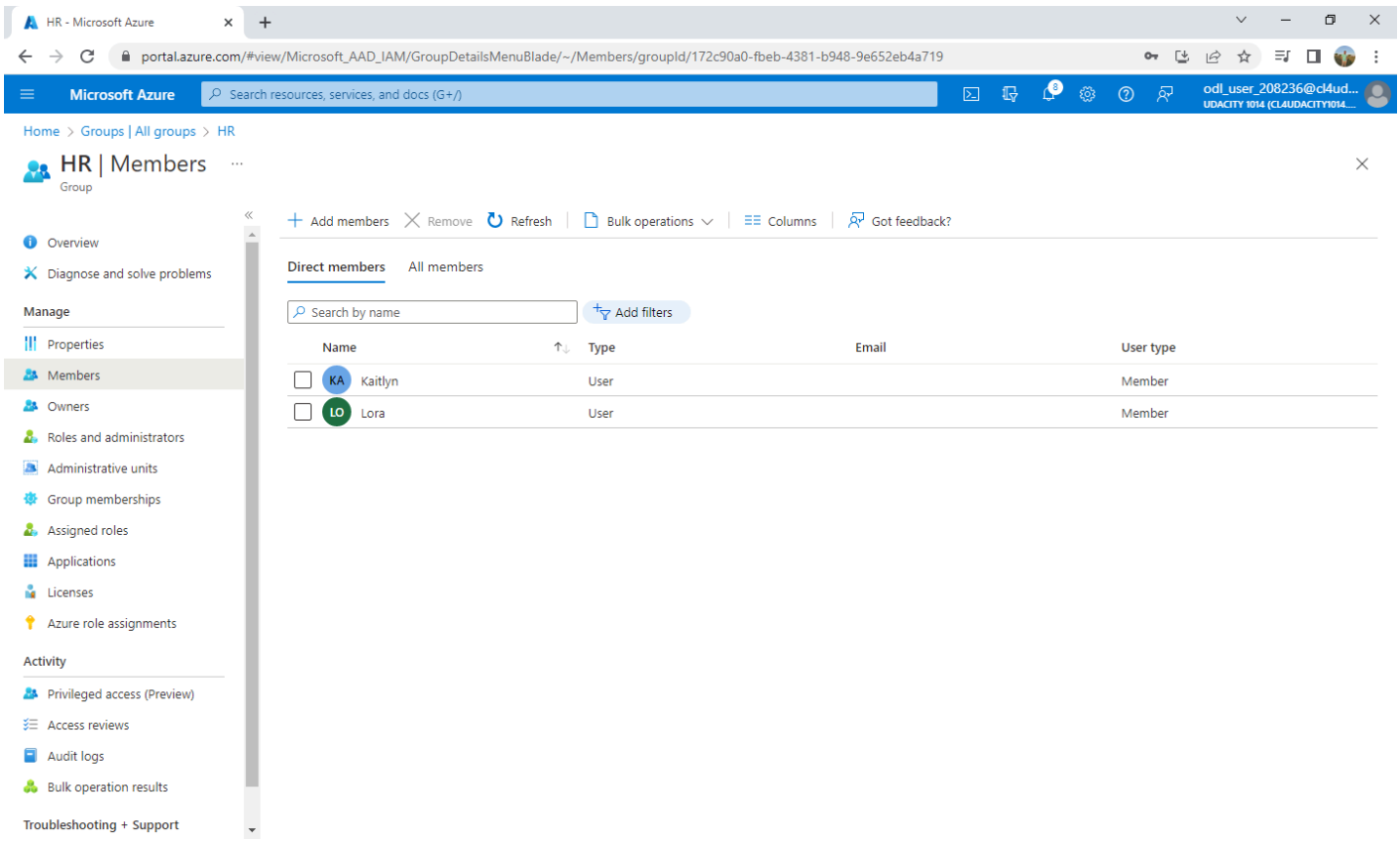

IT - Microsoft Azure
portal.azure.com/#view/Microsoft_AAD_IAM/GroupDetailsMenuBlade/~/AdministrativeRole/groupId/2f05f3ae-578e-41dc-b6c2-3bce6eb38c94
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208236@cl4ud...
UDACITY 1014 (CL4UDACITY1014....
Home > Groups | All groups > IT
IT | Assigned roles
Group
Add assignments
Refresh
Got feedback?
Overview
Diagnose and solve problems
Manage
Properties
Members
Owners
Roles and administrators
Administrative units
Group memberships
Assigned roles
Applications
Licenses
Azure role assignments
Activity
Privileged access (Preview)
Access reviews
Audit logs
Bulk operation results
Troubleshooting + Support
Eligible assignments
Active assignments
Expired assignments
Search by role
Role
Principal name
Scope
Membership
State
Start time
End time
Action
Message Center Rea...
Directory
Direct
Active
-
Permanent
Remove | Update

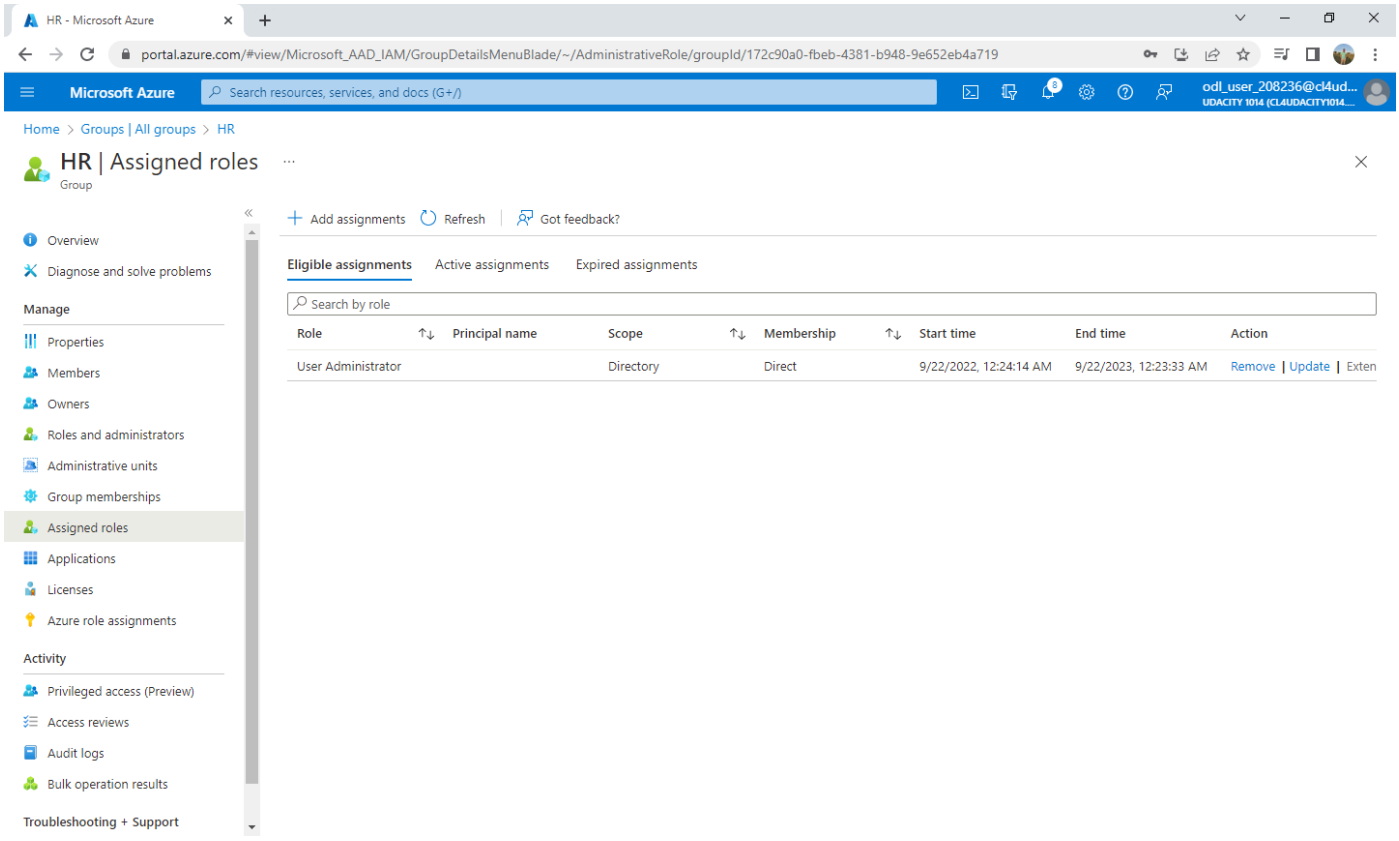

executives - Microsoft Azure
portal.azure.com/#view/Microsoft_AAD_IAM/GroupDetailsMenuBlade/~/Overview/groupId/ee9d6435-da37-48b9-8aed-5c9c6f24e17a
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208236@cl4ud...
UDACITY 1014 (CL4UDACITY1014....
Home > Groups | All groups >
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Delete
Got feedback?
Overview
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Properties
Members
Owners
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Audit logs
Bulk operation results
Troubleshooting + Support
EX
executives
executives members
Membership type
Assigned
Source
Cloud
Type
Security
Object Id
ee9d6435-da37-48b9-8aed-5c9c6f24e17a
Created at
9/21/2022, 11:41:15 PM
Counts may be inaccurate if this group was recently created.
Direct members
0 User(s)
0 Group(s)
0 Device(s)
0 Other(s)
Group memberships
0
Owners
0
Total members
0


executives - Microsoft Azure
portal.azure.com/#view/Microsoft_AAD_IAM/GroupDetailsMenuBlade/~/Members/groupId/ee9d6435-da37-48b9-8aed-5c9c6f24e17a
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208236@cl4ud...
UDACITY 1014 (CL4UDACITY1014....
Home > Groups | All groups > executives
executives | Members
Group
Overview
Diagnose and solve problems
Manage
Properties
Members
Owners
Roles and administrators
Administrative units
Group memberships
Assigned roles
Applications
Licenses
Azure role assignments
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Bulk operation results
Troubleshooting + Support
Add members
Remove
Refresh
Bulk operations
Columns
Got feedback?
Direct members
All members
Search by name
Add filters
Name
Type
Email
User type
CH
Chris
User
Member
KA
Karl
User
Member

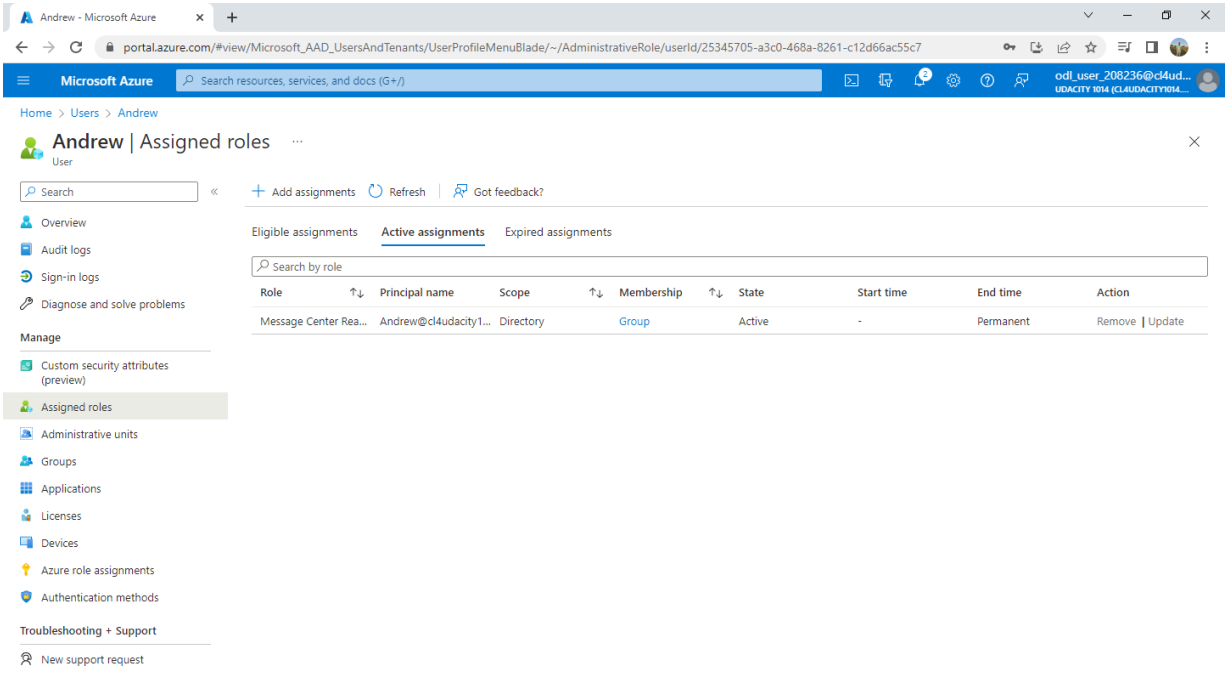

executives - Microsoft Azure
portal.azure.com/#view/Microsoft_AAD_IAM/GroupDetailsMenuBlade/~/AdministrativeRole/groupId/ee9d6435-da37-48b9-8aed-5c9c6f24e17a
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208236@cl4ud...
UDACITY 1014 (CL4UDACITY1014....
Home > Groups | All groups > executives
executives | Assigned roles
Group
Overview
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Manage
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Members
Owners
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Administrative units
Group memberships
Assigned roles
Applications
Licenses
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Access reviews
Audit logs
Bulk operation results
Troubleshooting + Support
Add assignments
Refresh
Got feedback?
Eligible assignments
Active assignments
Expired assignments
Search by role
Role
Principal name
Scope
Membership
State
Start time
End time
Action
Message Center Rea...
Directory
Direct
Active
-
Permanent
Remove | Update

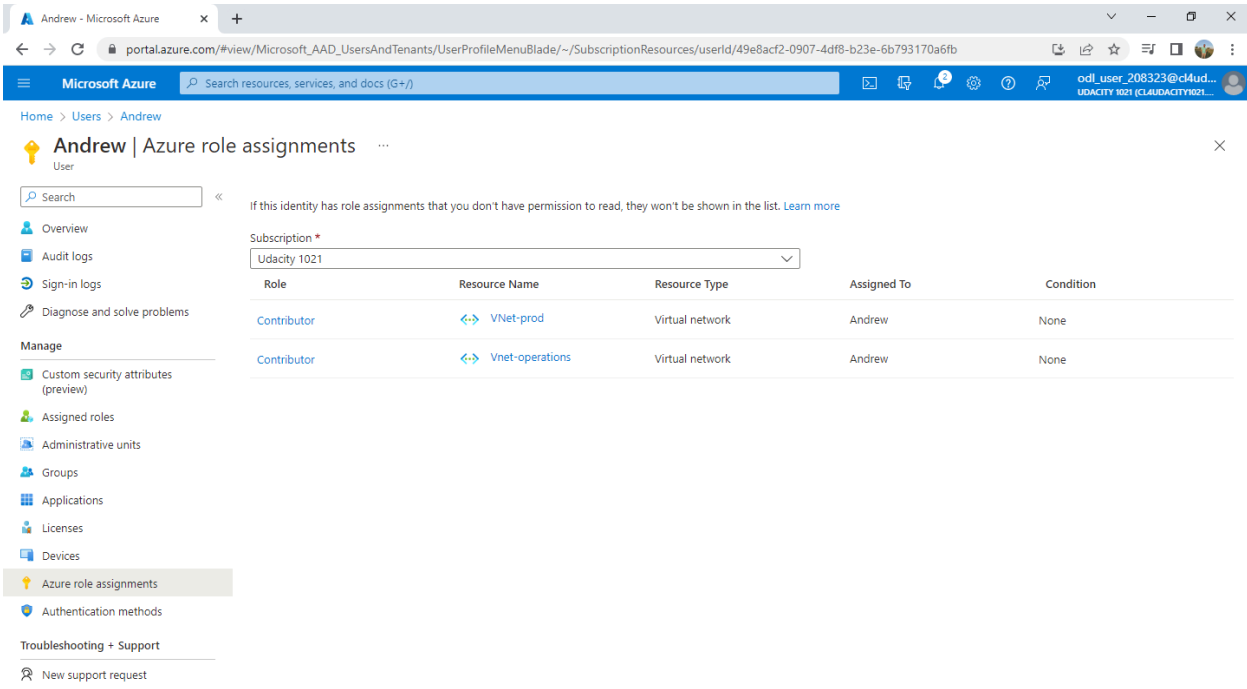

HR - Microsoft Azure
portal.azure.com/#view/Microsoft_AAD_IAM/GroupDetailsMenuBlade/~/Overview/groupId/172c90a0-fbeb-4381-b948-9e652eb4a719
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208236@cl4ud...
UDACITY 1014 (CL4UDACITY1014...
Home > Groups | All groups >
HR
Group
Delete
Got feedback?
Overview
Diagnose and solve problems
Manage
Properties
Members
Owners
Roles and administrators
Administrative units
Group memberships
Assigned roles
Applications
Licenses
Azure role assignments
Activity
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Access reviews
Audit logs
Bulk operation results
Troubleshooting + Support
HR
Human Resources Members
Copy to clipboard
Membership type
Assigned
Source
Cloud
Type
Security
Object Id
172c90a0-fbeb-4381-b948-9e652eb4a719
Created at
9/22/2022, 12:22:14 AM
Direct members
2 Total
2 User(s)
0 Group(s)
0 Device(s)
0 Other(s)
Group memberships
0
Owners
0
Total members
2


HR - Microsoft Azure
portal.azure.com/#view/Microsoft_AAD_IAM/GroupDetailsMenuBlade/~/Members/groupId/172c90a0-fbeb-4381-b948-9e652eb4a719
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208236@cl4ud...
UDACITY 1014 (CL4UDACITY1014...
Home > Groups | All groups > HR
HR | Members
Group
Add members
Remove
Refresh
Bulk operations
Columns
Got feedback?
Overview
Diagnose and solve problems
Manage
Properties
Members
Owners
Roles and administrators
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Bulk operation results
Troubleshooting + Support
Direct members
All members
Search by name
Add filters
Name
Type
Email
User type
KA
Kaitlyn
User
Member
LO
Lora
User
Member

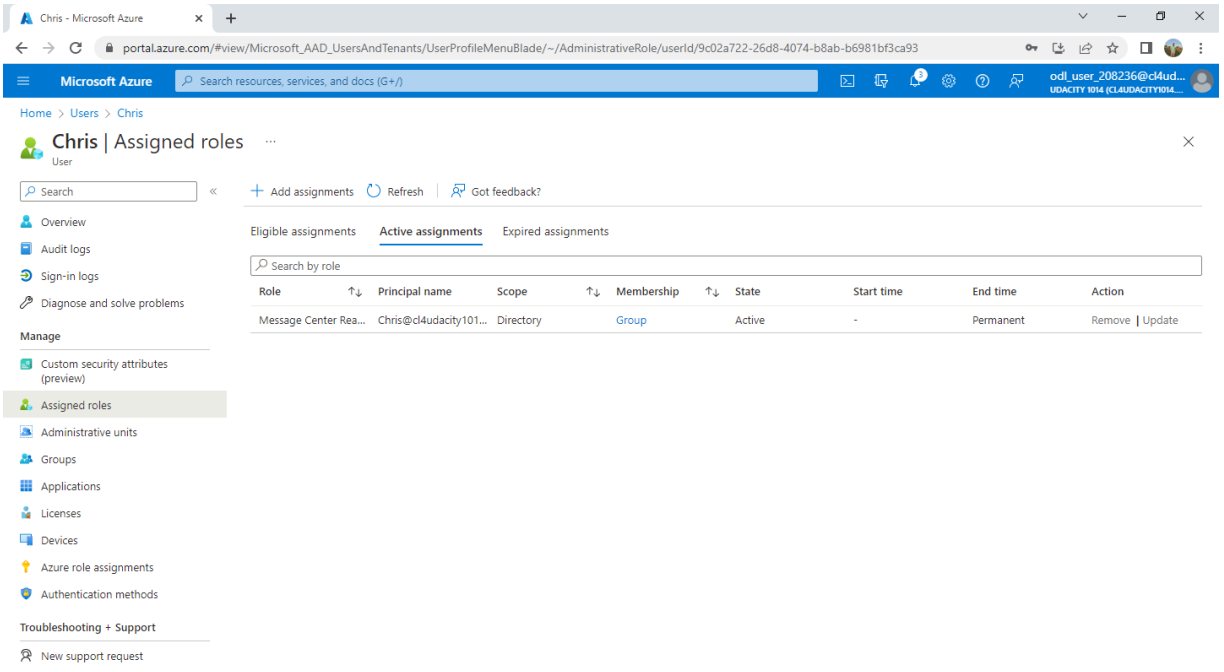

HR - Microsoft Azure
portal.azure.com/#view/Microsoft_AAD_IAM/GroupDetailsMenuBlade/~/AdministrativeRole/groupId/172c90a0-fbeb-4381-b948-9e652eb4a719
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208236@cl4ud...
UDACITY 1014 (CL4UDACITY1014...
Home > Groups | All groups > HR
HR | Assigned roles
Group
Overview
Diagnose and solve problems
Manage
Properties
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Owners
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Administrative units
Group memberships
Assigned roles
Applications
Licenses
Azure role assignments
Activity
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Access reviews
Audit logs
Bulk operation results
Troubleshooting + Support
Add assignments
Refresh
Got feedback?
Eligible assignments
Active assignments
Expired assignments
Search by role
Role
Principal name
Scope
Membership
Start time
End time
Action
User Administrator
Directory
Direct
9/22/2022, 12:24:14 AM
9/22/2023, 12:23:33 AM
Remove | Update | Exten

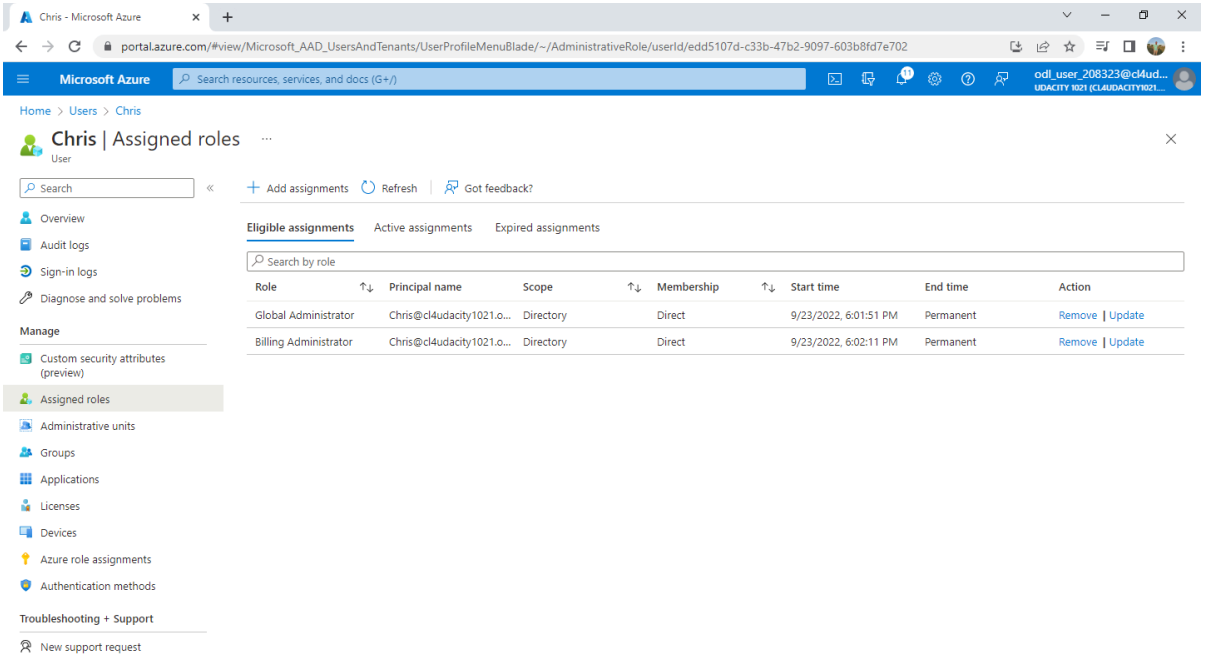
a. Andrew



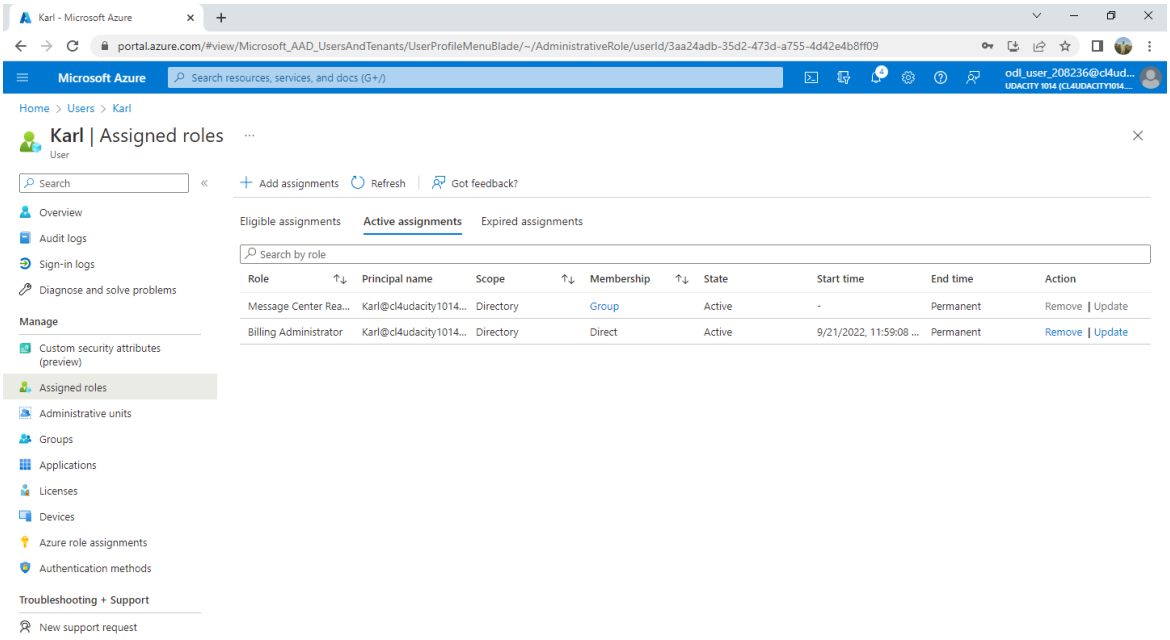


b. Chris

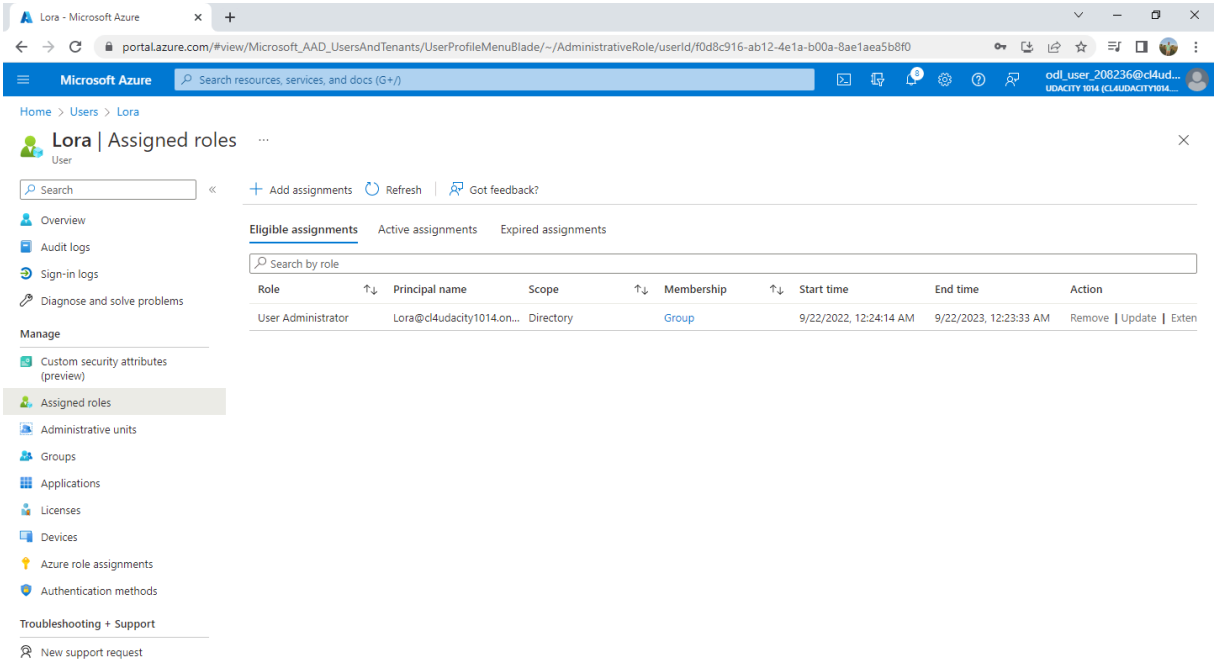

Chris - Microsoft Azure
portal.azure.com/#view/Microsoft_AAD_UsersAndTenants/UserProfileMenuBlade/~/AdministrativeRole/userId/9c02a722-26d8-4074-b8ab-b6981bf3ca93
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208236@cl4ud...
UDACITY 1014 (CL4UDACITY1014...
Home > Users > Chris
Chris | Assigned roles
User
Search
Overview
Audit logs
Sign-in logs
Diagnose and solve problems
Manage
Custom security attributes (preview)
Assigned roles
Administrative units
Groups
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Licenses
Devices
Azure role assignments
Authentication methods
Troubleshooting + Support
New support request
Add assignments
Refresh
Got feedback?
Eligible assignments
Active assignments
Expired assignments
Search by role
Role
Principal name
Scope
Membership
State
Start time
End time
Action
Message Center Rea...
Chris@cl4udacity101...
Directory
Group
Active
-
Permanent
Remove | Update


Chris - Microsoft Azure
portal.azure.com/#view/Microsoft_AAD_UsersAndTenants/UserProfileMenuBlade/~/AdministrativeRole/userId/edd5107d-c33b-47b2-9097-603b8fd7e702
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Users > Chris
Chris | Assigned roles
User
Search
Overview
Audit logs
Sign-in logs
Diagnose and solve problems
Manage
Custom security attributes (preview)
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Refresh
Got feedback?
Eligible assignments
Active assignments
Expired assignments
Search by role
Role
Principal name
Scope
Membership
Start time
End time
Action
Global Administrator
Chris@cl4udacity1021.o...
Directory
Direct
9/23/2022, 6:01:51 PM
Permanent
Remove | Update
Billing Administrator
Chris@cl4udacity1021.o...
Directory
Direct
9/23/2022, 6:02:11 PM
Permanent
Remove | Update

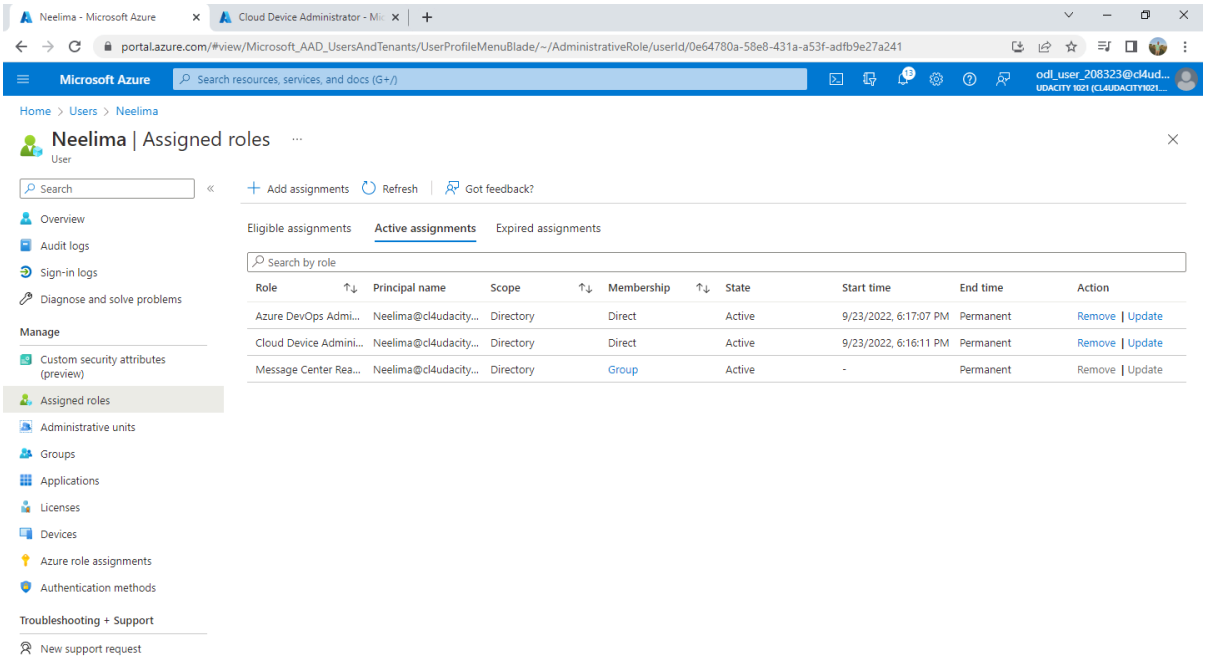
c. Karl

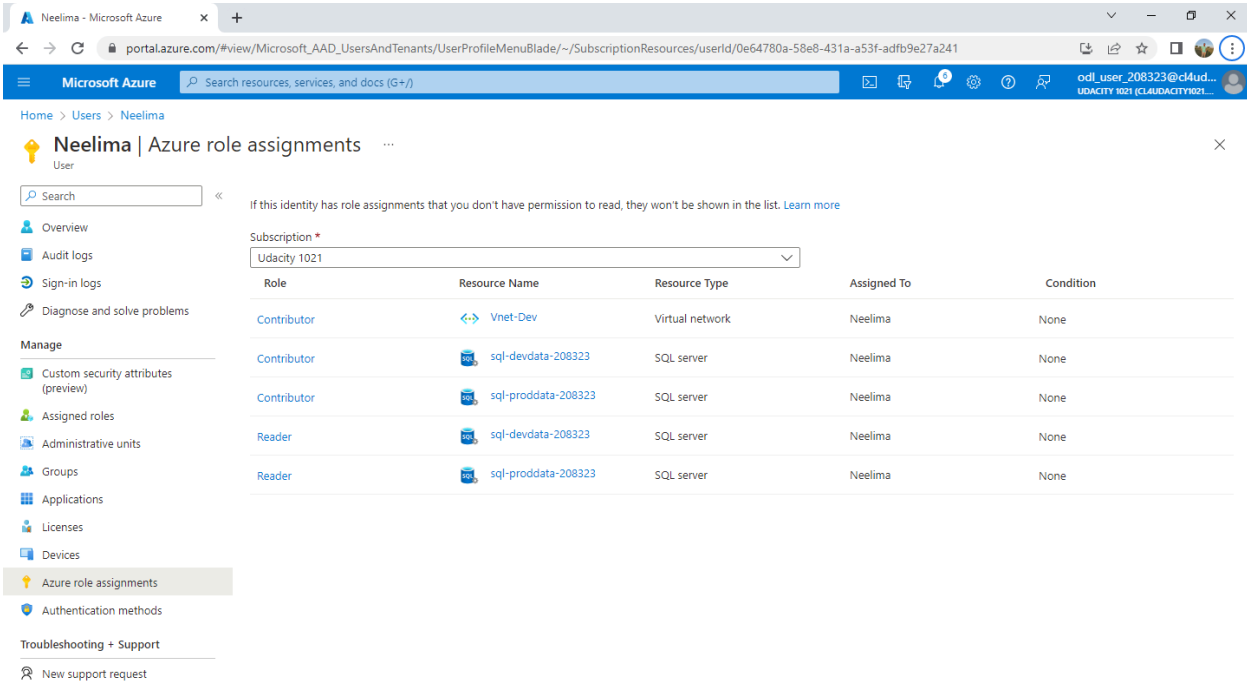


d. Lora

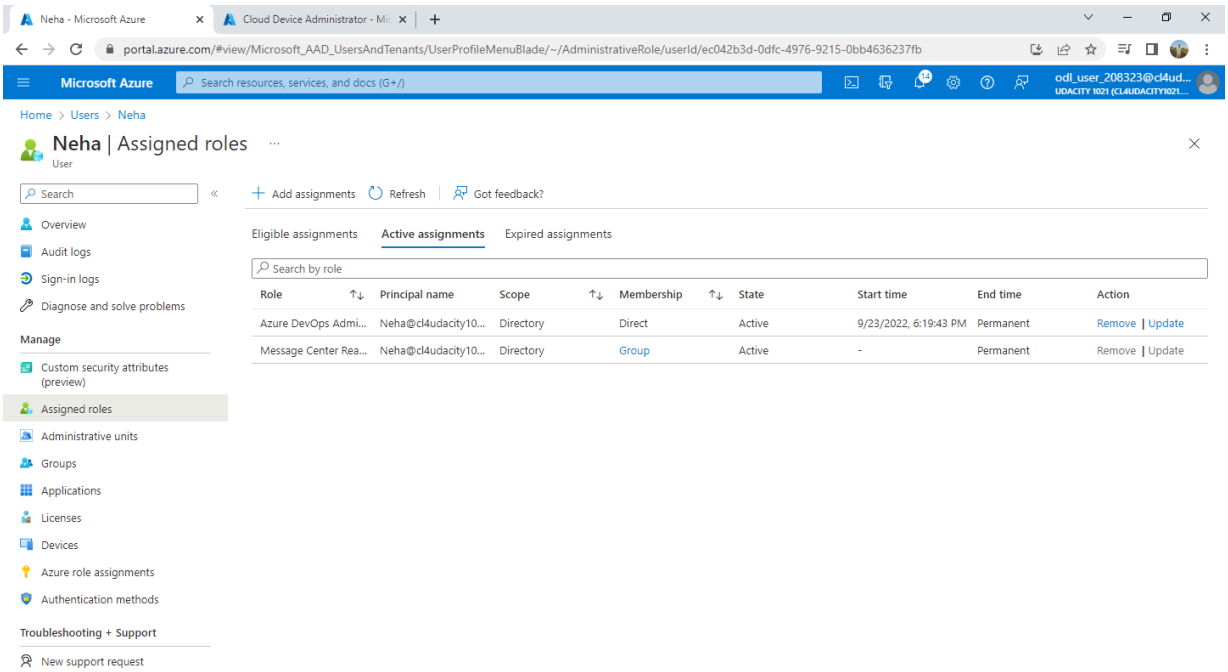


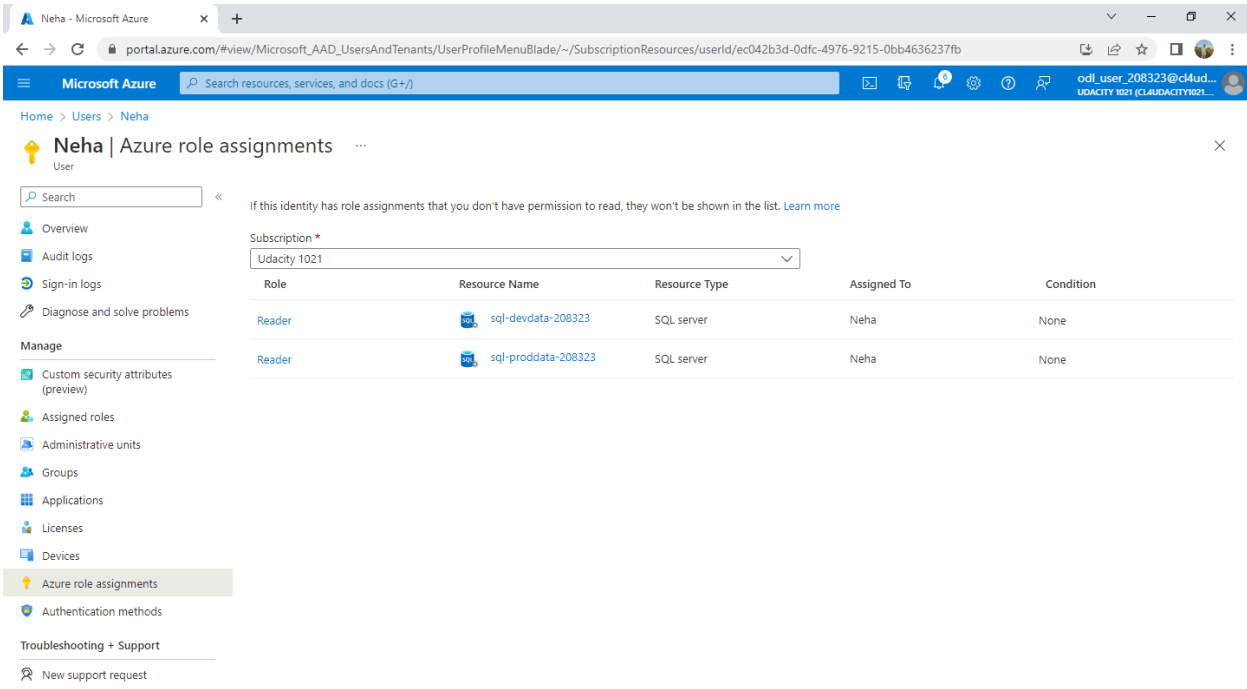
e. Neelima


Neelima - Microsoft Azure
Cloud Device Administrator - Mi
portal.azure.com/#view/Microsoft_AAD_UsersAndTenants/UserProfileMenuBlade/~/AdministrativeRole/userId/0e64780a-58e8-431a-a53f-adfb9e27a241
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Users > Neelima
Neelima | Assigned roles
User
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Overview
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Membership
State
Start time
End time
Action
Azure DevOps Admi...
Neelima@cl4udacity...
Directory
Direct
Active
9/23/2022, 6:17:07 PM
Permanent
Remove | Update
Cloud Device Admini...
Neelima@cl4udacity...
Directory
Direct
Active
9/23/2022, 6:16:11 PM
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Message Center Rea...
Neelima@cl4udacity...
Directory
Group
Active
-
Permanent
Remove | Update

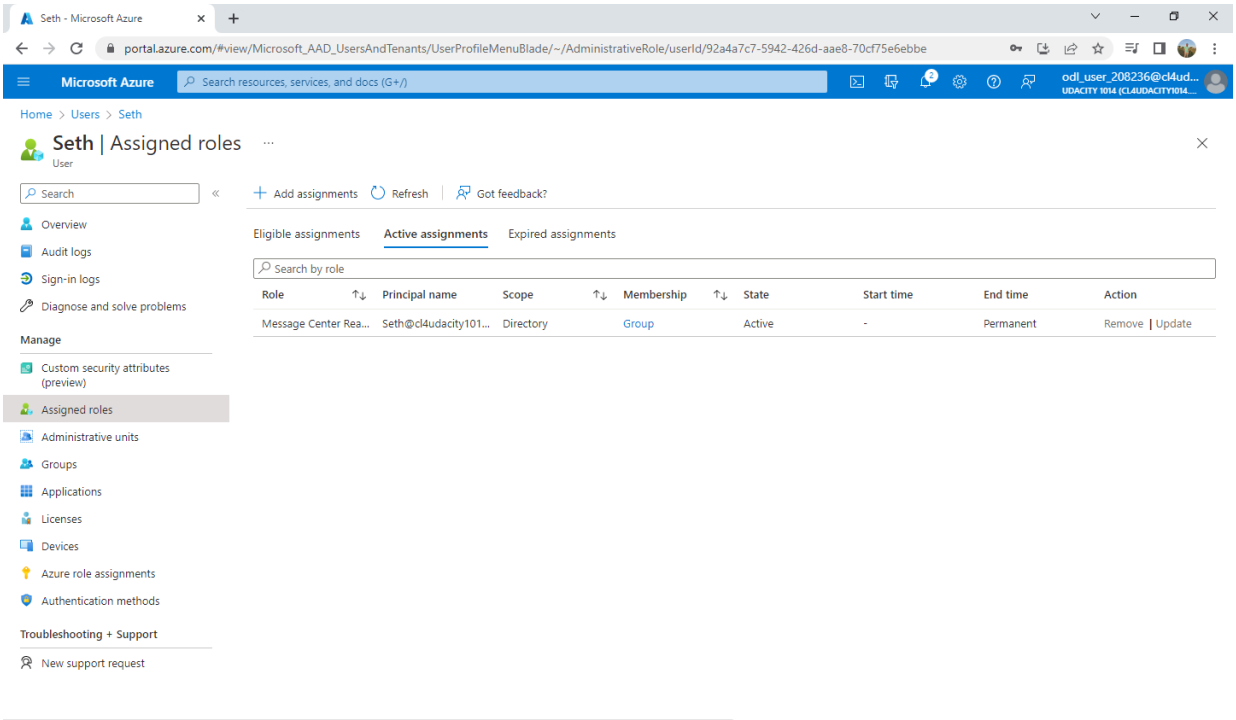

Neelima - Microsoft Azure
portal.azure.com/#view/Microsoft_AAD_UsersAndTenants/UserProfileMenuBlade/~/SubscriptionResources/userId/0e64780a-58e8-431a-a53f-adfb9e27a241
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Users > Neelima
Neelima | Azure role assignments
User
Search
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Authentication methods
Troubleshooting + Support
New support request
If this identity has role assignments that you don't have permission to read, they won't be shown in the list. Learn more
Subscription *
Udacity 1021
Role
Resource Name
Resource Type
Assigned To
Condition
Contributor
Vnet-Dev
Virtual network
Neelima
None
Contributor
sql-devdata-208323
SQL server
Neelima
None
Contributor
sql-proddata-208323
SQL server
Neelima
None
Reader
sql-devdata-208323
SQL server
Neelima
None
Reader
sql-proddata-208323
SQL server
Neelima
None

f. Neha

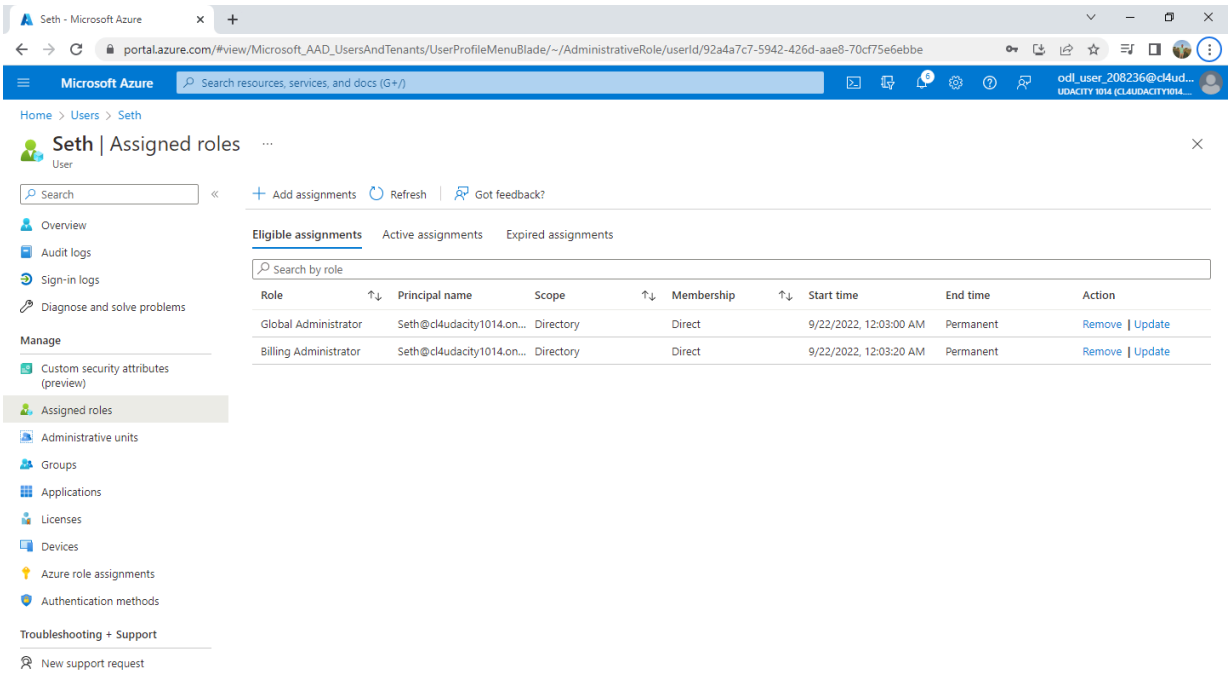

Neha - Microsoft Azure
Cloud Device Administrator - Mic
portal.azure.com/#view/Microsoft_AAD_UsersAndTenants/UserProfileMenuBlade/~/AdministrativeRole/userId/ec042b3d-0dfc-4976-9215-0bb4636237fb
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Users > Neha
Neha | Assigned roles
User
Search
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Expired assignments
Search by role
Role
Principal name
Scope
Membership
State
Start time
End time
Action
Azure DevOps Admi...
Neha@cl4udacity10...
Directory
Direct
Active
9/23/2022, 6:19:43 PM
Permanent
Remove | Update
Message Center Rea...
Neha@cl4udacity10...
Directory
Group
Active
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Permanent
Remove | Update


Neha - Microsoft Azure
portal.azure.com/#view/Microsoft_AAD_UsersAndTenants/UserProfileMenuBlade/~/SubscriptionResources/userId/ec042b3d-0dfc-4976-9215-0bb4636237fb
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Users > Neha
Neha | Azure role assignments
User
Search
Overview
Audit logs
Sign-in logs
Diagnose and solve problems
Manage
Custom security attributes (preview)
Assigned roles
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Groups
Applications
Licenses
Devices
Azure role assignments
Authentication methods
Troubleshooting + Support
New support request
If this identity has role assignments that you don't have permission to read, they won't be shown in the list. Learn more
Subscription *
Udacity 1021
Role
Resource Name
Resource Type
Assigned To
Condition
Reader
sql-devdata-208323
SQL server
Neha
None
Reader
sql-proddata-208323
SQL server
Neha
None

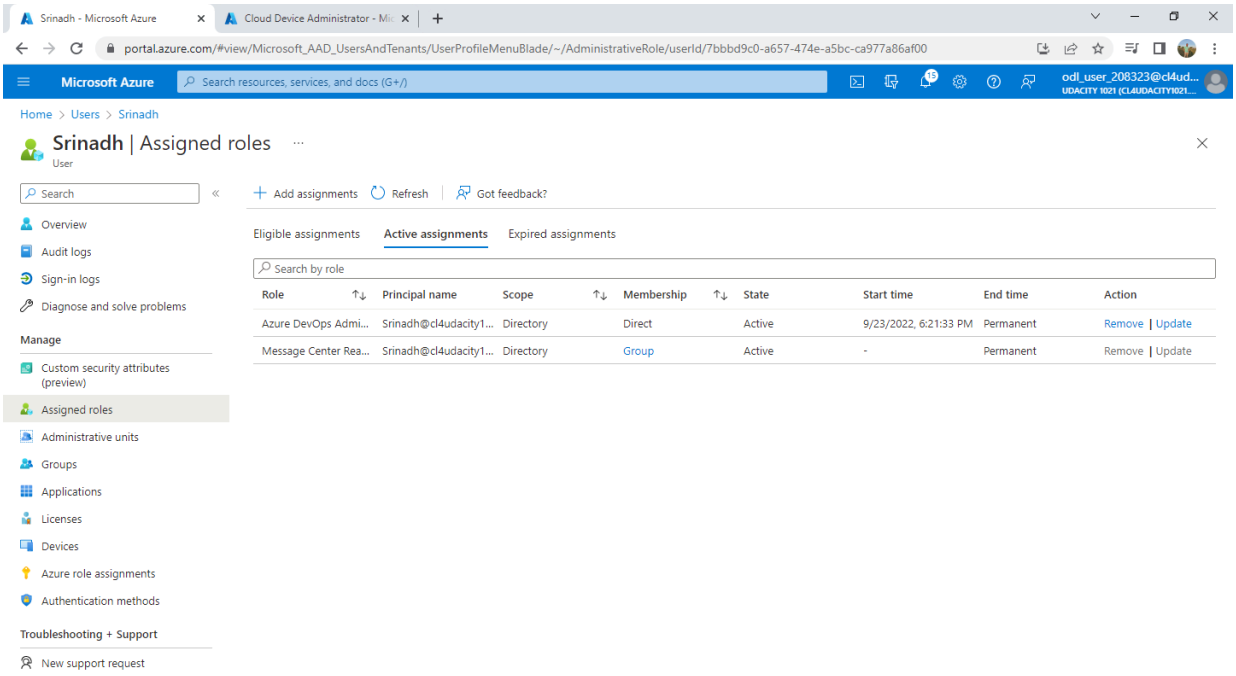
g. Seth

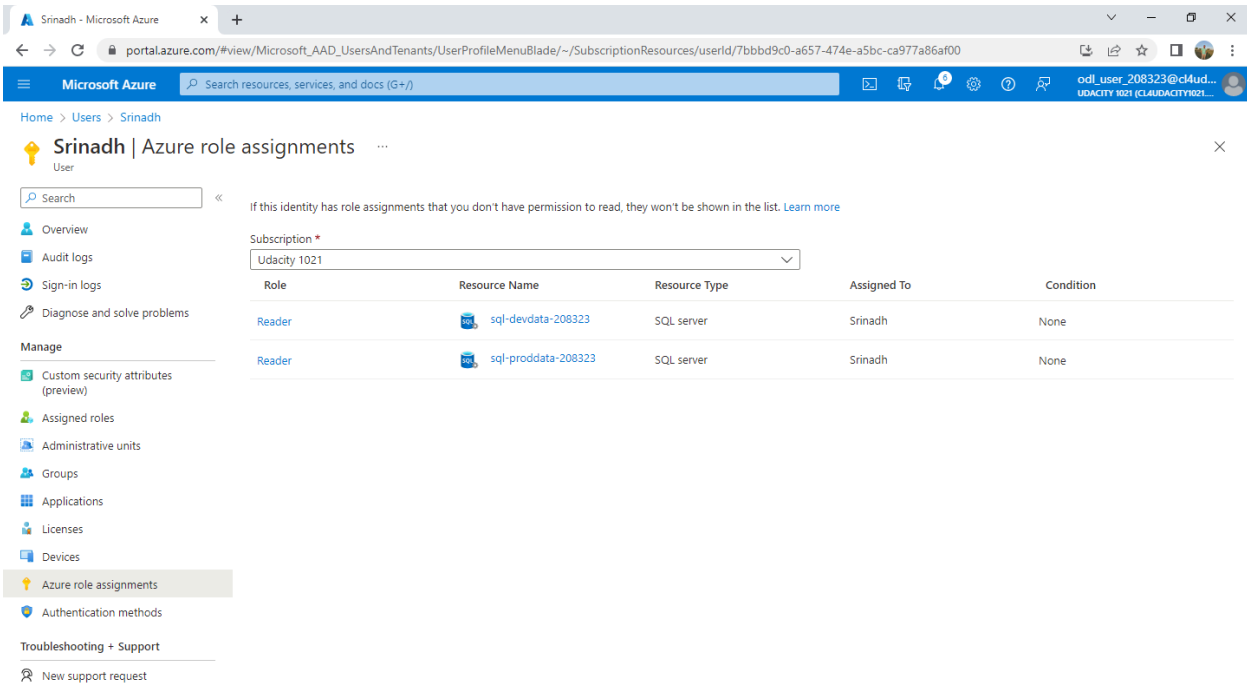


https://portal.azure.com/#view/Microsoft_AAD_UsersAndTenants/UserProfileMenuBlade/~/AdministrativeRole/userId/92a4a7c7-5942-426d-aae8-70cf75e6ebbe

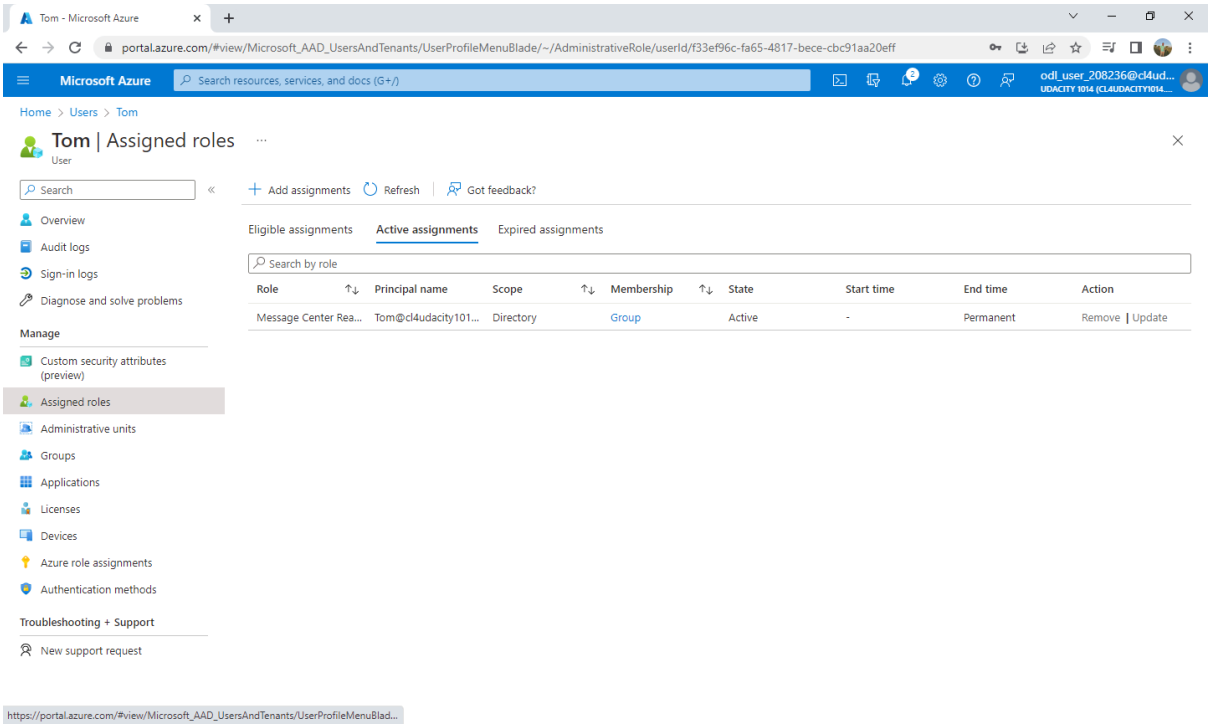


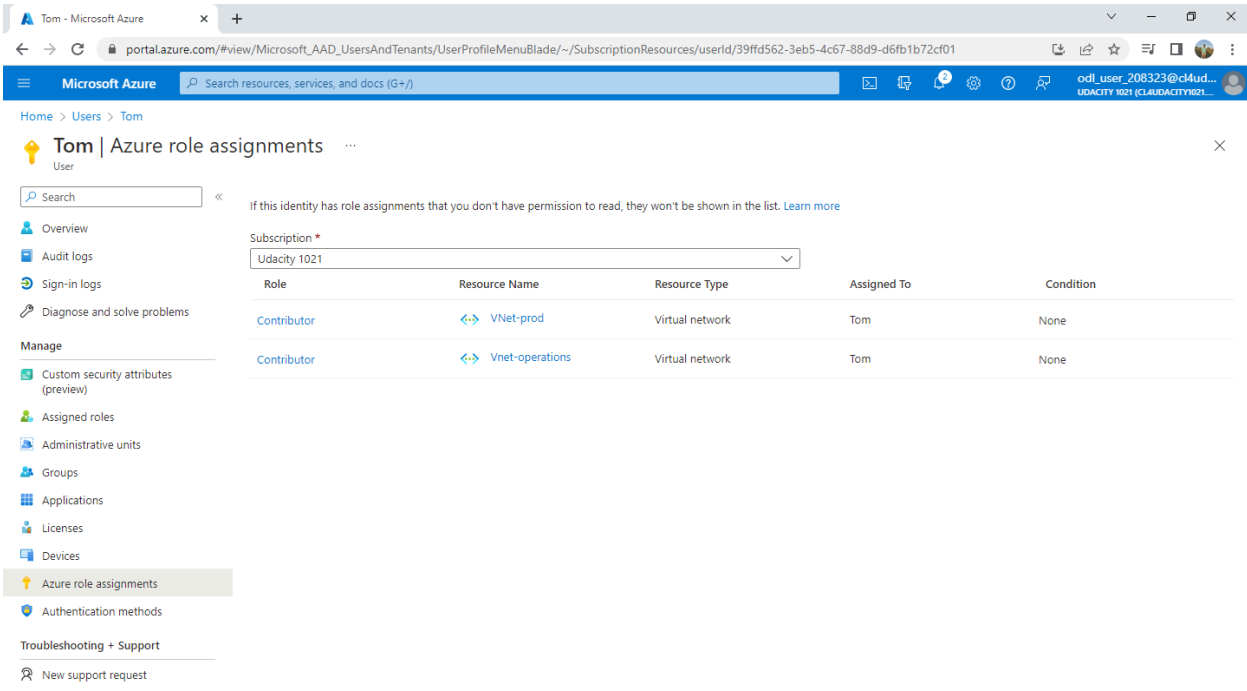
h. Srinadh


Srinadh - Microsoft Azure
Cloud Device Administrator - Mic
portal.azure.com/#view/Microsoft_AAD_UsersAndTenants/UserProfileMenuBlade/~/AdministrativeRole/userId/7bbbd9c0-a657-474e-a5bc-ca977a86af00
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Users > Srinadh
Srinadh | Assigned roles
User
Search
Overview
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Sign-in logs
Diagnose and solve problems
Manage
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Refresh
Got feedback?
Eligible assignments
Active assignments
Expired assignments
Search by role
Role
Principal name
Scope
Membership
State
Start time
End time
Action
Azure DevOps Admi...
Srinadh@cl4udacity1...
Directory
Direct
Active
9/23/2022, 6:21:33 PM
Permanent
Remove | Update
Message Center Rea...
Srinadh@cl4udacity1...
Directory
Group
Active
-
Permanent
Remove | Update

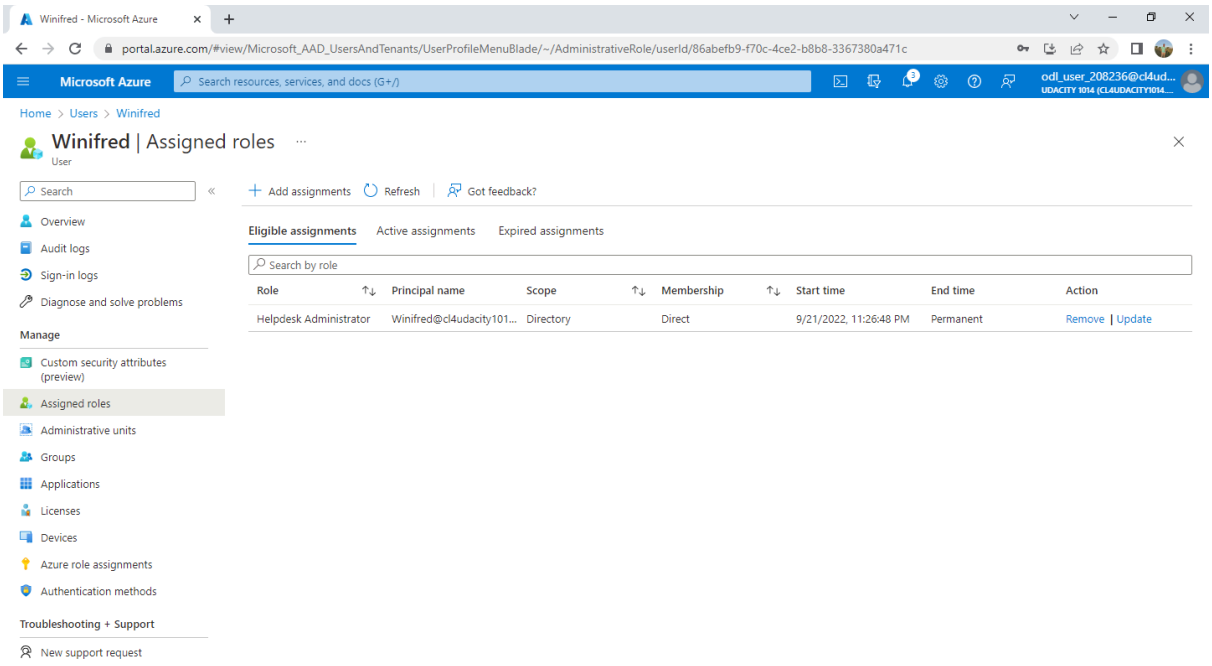

Srinadh - Microsoft Azure
portal.azure.com/#view/Microsoft_AAD_UsersAndTenants/UserProfileMenuBlade/~/SubscriptionResources/userId/7bbbd9c0-a657-474e-a5bc-ca977a86af00
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Users > Srinadh
Srinadh | Azure role assignments
User
Search
Overview
Audit logs
Sign-in logs
Diagnose and solve problems
Manage
Custom security attributes (preview)
Assigned roles
Administrative units
Groups
Applications
Licenses
Devices
Azure role assignments
Authentication methods
Troubleshooting + Support
New support request
If this identity has role assignments that you don't have permission to read, they won't be shown in the list. Learn more
Subscription *
Udacity 1021
Role
Resource Name
Resource Type
Assigned To
Condition
Reader
sql-devdata-208323
SQL server
Srinadh
None
Reader
sql-proddata-208323
SQL server
Srinadh
None

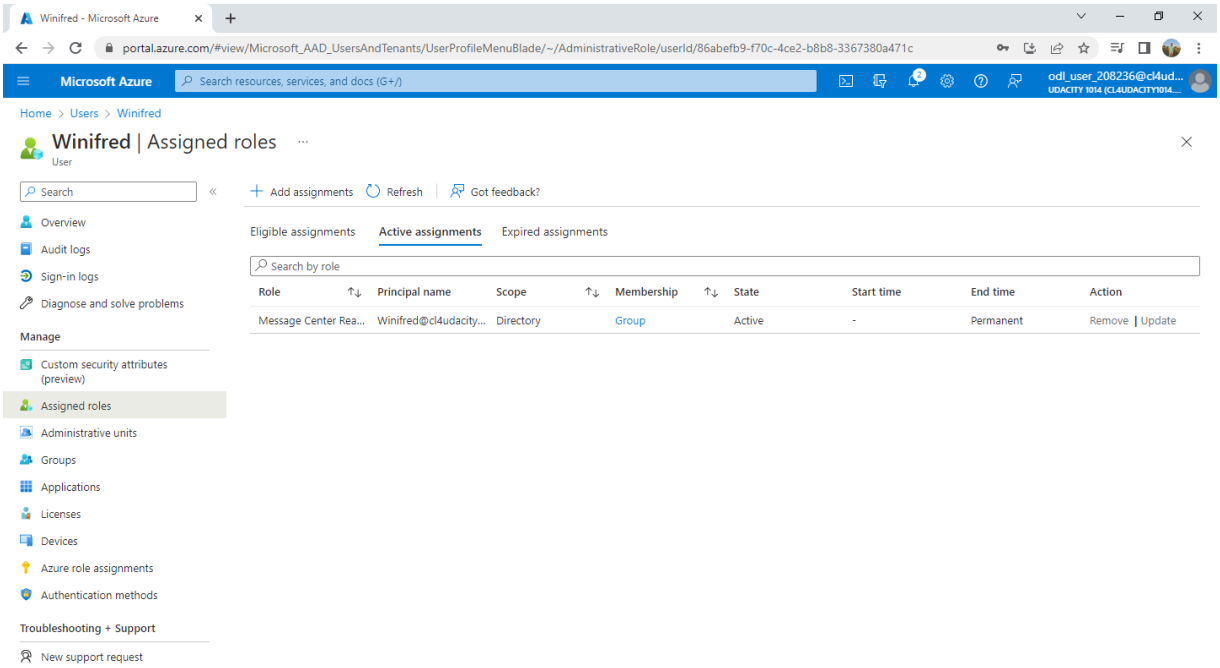
i. Tom


Tom - Microsoft Azure
portal.azure.com/#view/Microsoft_AAD_UsersAndTenants/UserProfileMenuBlade/~/AdministrativeRole/userId/f33ef96c-fa65-4817-bece-cbc91aa20eff
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208236@cl4ud...
UDACITY 1014 (CL4UDACITY1014...
Home > Users > Tom
Tom | Assigned roles
User
Search
Overview
Audit logs
Sign-in logs
Diagnose and solve problems
Manage
Custom security attributes (preview)
Assigned roles
Administrative units
Groups
Applications
Licenses
Devices
Azure role assignments
Authentication methods
Troubleshooting + Support
New support request
Add assignments
Refresh
Got feedback?
Eligible assignments
Active assignments
Expired assignments
Search by role
Role
Principal name
Scope
Membership
State
Start time
End time
Action
Message Center Rea...
Tom@cl4udacity101...
Directory
Group
Active
-
Permanent
Remove | Update
https://portal.azure.com/#view/Microsoft_AAD_UsersAndTenants/UserProfileMenuBlad...

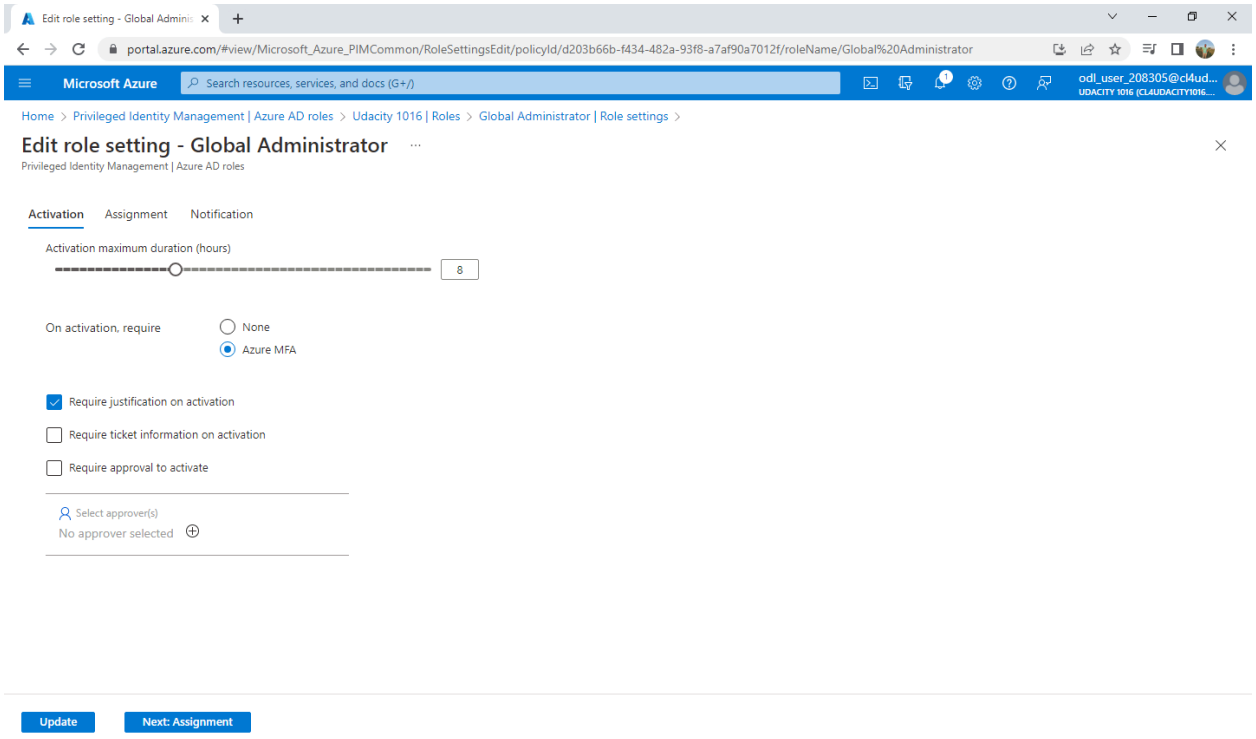

Tom - Microsoft Azure
portal.azure.com/#view/Microsoft_AAD_UsersAndTenants/UserProfileMenuBlade/~/SubscriptionResources/userId/39ffd562-3eb5-4c67-88d9-d6fb1b72cf01
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Users > Tom
Tom | Azure role assignments
User
Search
Overview
Audit logs
Sign-in logs
Diagnose and solve problems
Manage
Custom security attributes (preview)
Assigned roles
Administrative units
Groups
Applications
Licenses
Devices
Azure role assignments
Authentication methods
Troubleshooting + Support
New support request
If this identity has role assignments that you don't have permission to read, they won't be shown in the list. Learn more
Subscription *
Udacity 1021
Role
Resource Name
Resource Type
Assigned To
Condition
Contributor
VNet-prod
Virtual network
Tom
None
Contributor
Vnet-operations
Virtual network
Tom
None

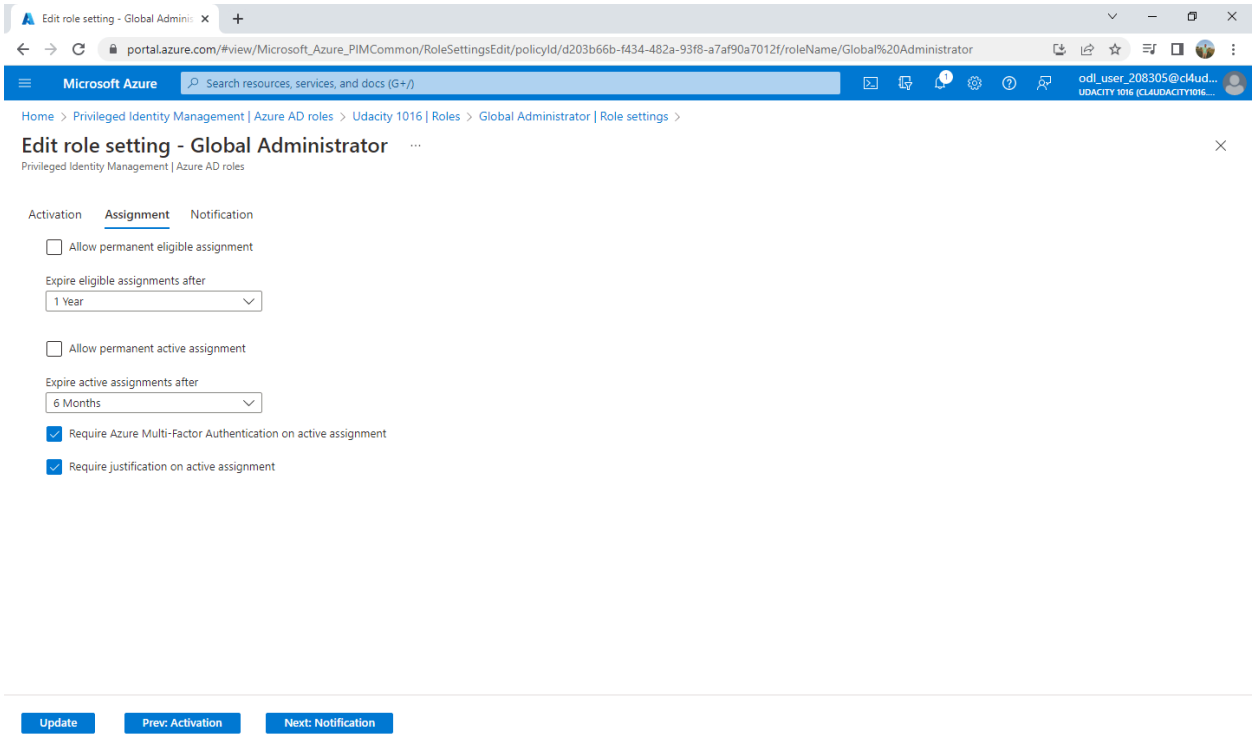
j. Winifred

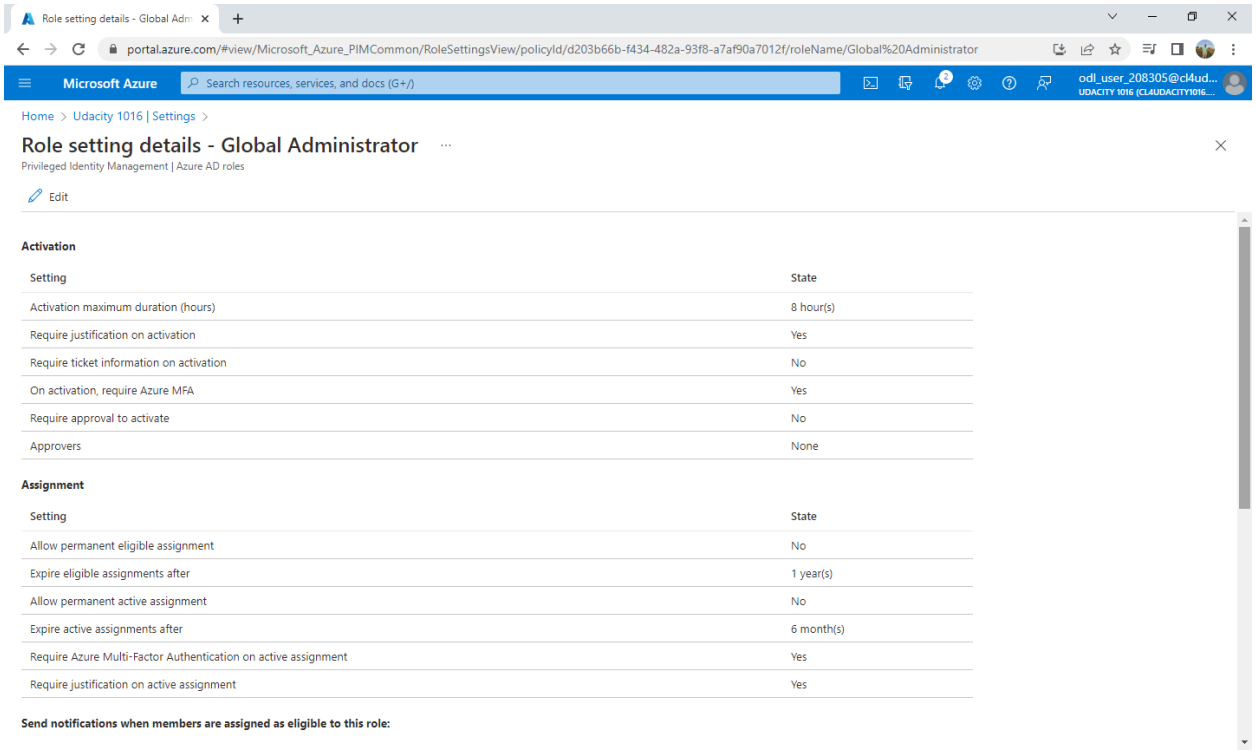


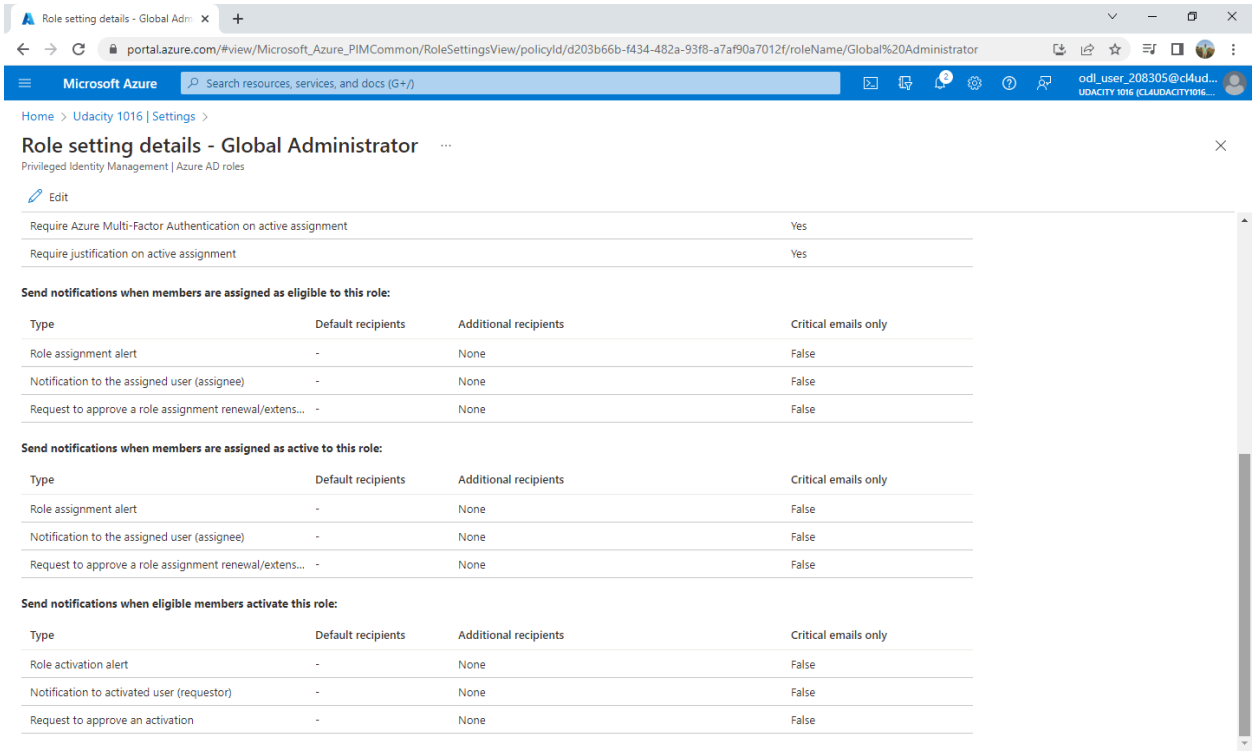


2. Proof of Global Administrator setting with duration, eligibility, expiration

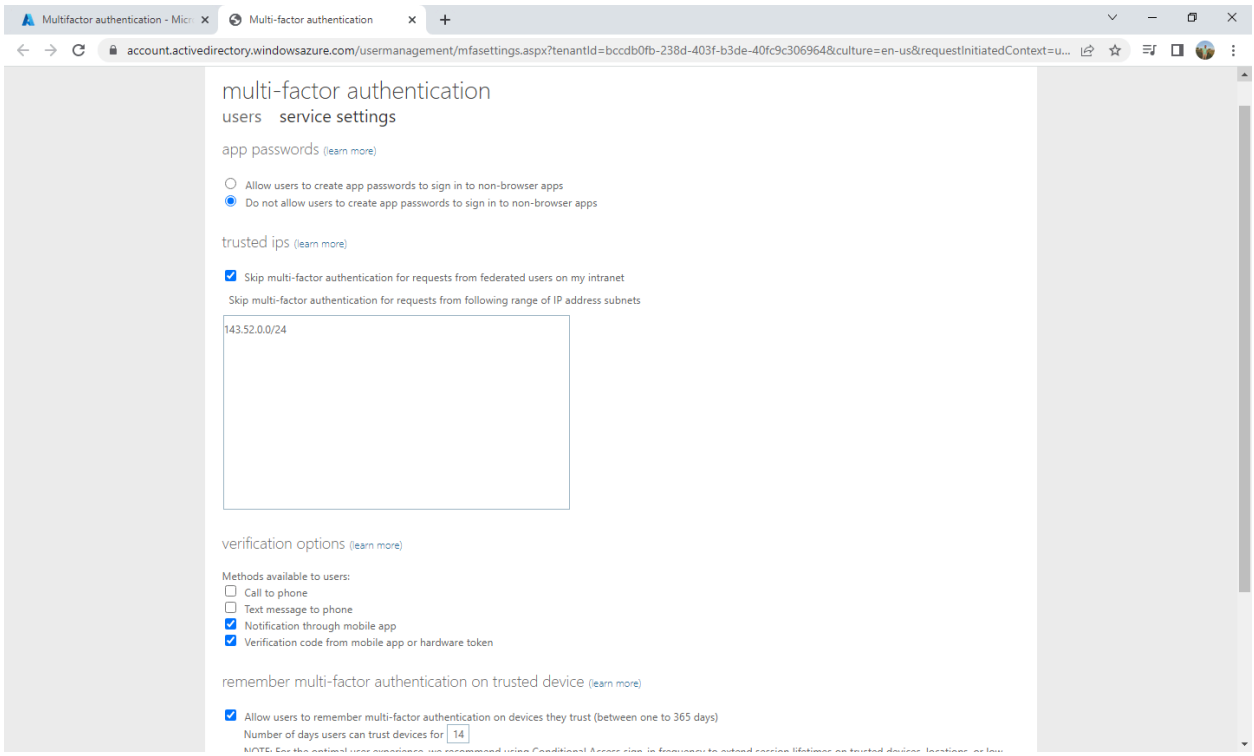

Edit role setting - Global Admini
portal.azure.com/#view/Microsoft_Azure_PIMCommon/RoleSettingsEdit/policyId/d203b66b-f434-482a-93f8-a7af90a7012f/roleName/Global%20Administrator
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208305@cl4ud...
UDACITY 1016 (CL4UDACITY1016...
Home > Privileged Identity Management | Azure AD roles > Udacity 1016 | Roles > Global Administrator | Role settings >
Edit role setting - Global Administrator
Privileged Identity Management | Azure AD roles
Activation
Assignment
Notification
Activation maximum duration (hours)
8
On activation, require
None
Azure MFA
Require justification on activation
Require ticket information on activation
Require approval to activate
Select approver(s)
No approver selected
Update
Next: Assignment


Edit role setting - Global Admini
portal.azure.com/#view/Microsoft_Azure_PIMCommon/RoleSettingsEdit/policyId/d203b66b-f434-482a-93f8-a7af90a7012f/roleName/Global%20Administrator
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208305@cl4ud...
UDACITY 1016 (CL4UDACITY1016...
Home > Privileged Identity Management | Azure AD roles > Udacity 1016 | Roles > Global Administrator | Role settings >
Edit role setting - Global Administrator
Privileged Identity Management | Azure AD roles
Activation
Assignment
Notification
Allow permanent eligible assignment
Expire eligible assignments after
1 Year
Allow permanent active assignment
Expire active assignments after
6 Months
Require Azure Multi-Factor Authentication on active assignment
Require justification on active assignment
Update
Prev: Activation
Next: Notification

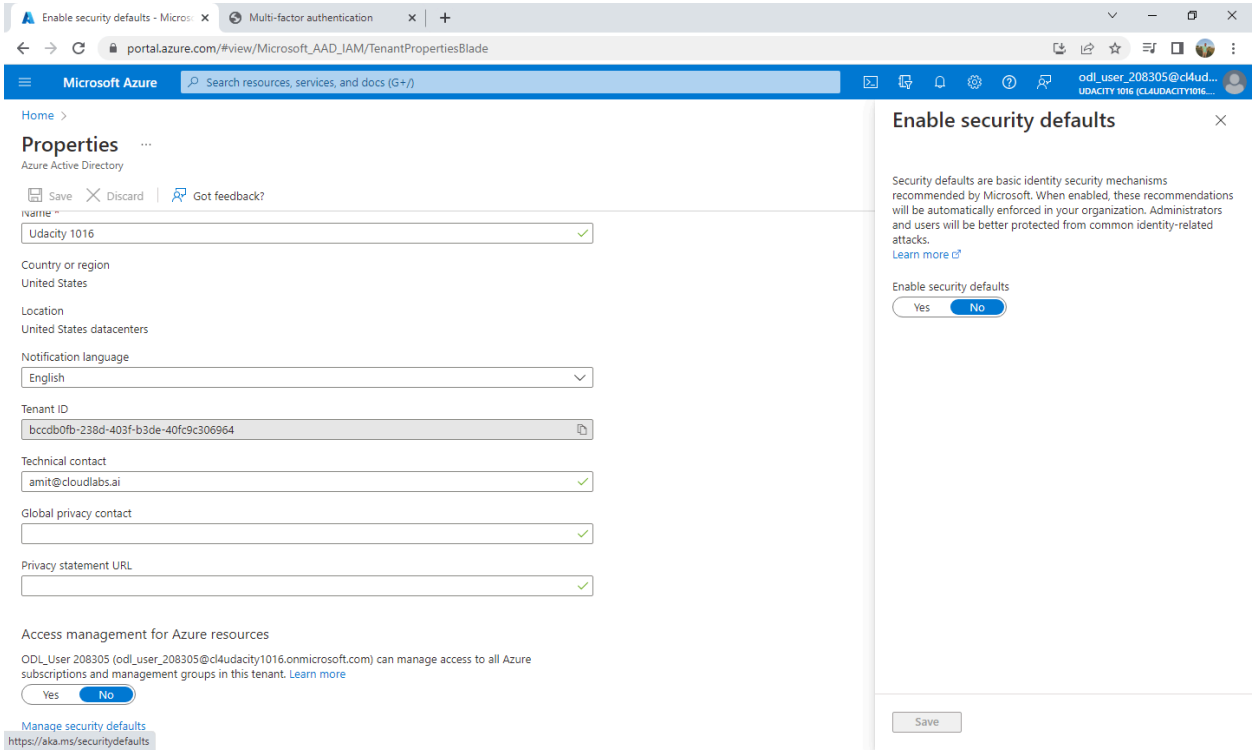

Role setting details - Global Adm
portal.azure.com/#view/Microsoft_Azure_PIMCommon/RoleSettingsView/policyId/d203b66b-f434-482a-93f8-a7af90a7012f/roleName/Global%20Administrator
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208305@cl4ud...
UDACITY 1016 (CL4UDACITY1016....
Home > Udacity 1016 | Settings >
Role setting details - Global Administrator
Privileged Identity Management | Azure AD roles
Edit
Activation
Setting
State
Activation maximum duration (hours)
8 hour(s)
Require justification on activation
Yes
Require ticket information on activation
No
On activation, require Azure MFA
Yes
Require approval to activate
No
Approvers
None
Assignment
Setting
State
Allow permanent eligible assignment
No
Expire eligible assignments after
1 year(s)
Allow permanent active assignment
No
Expire active assignments after
6 month(s)
Require Azure Multi-Factor Authentication on active assignment
Yes
Require justification on active assignment
Yes
Send notifications when members are assigned as eligible to this role:

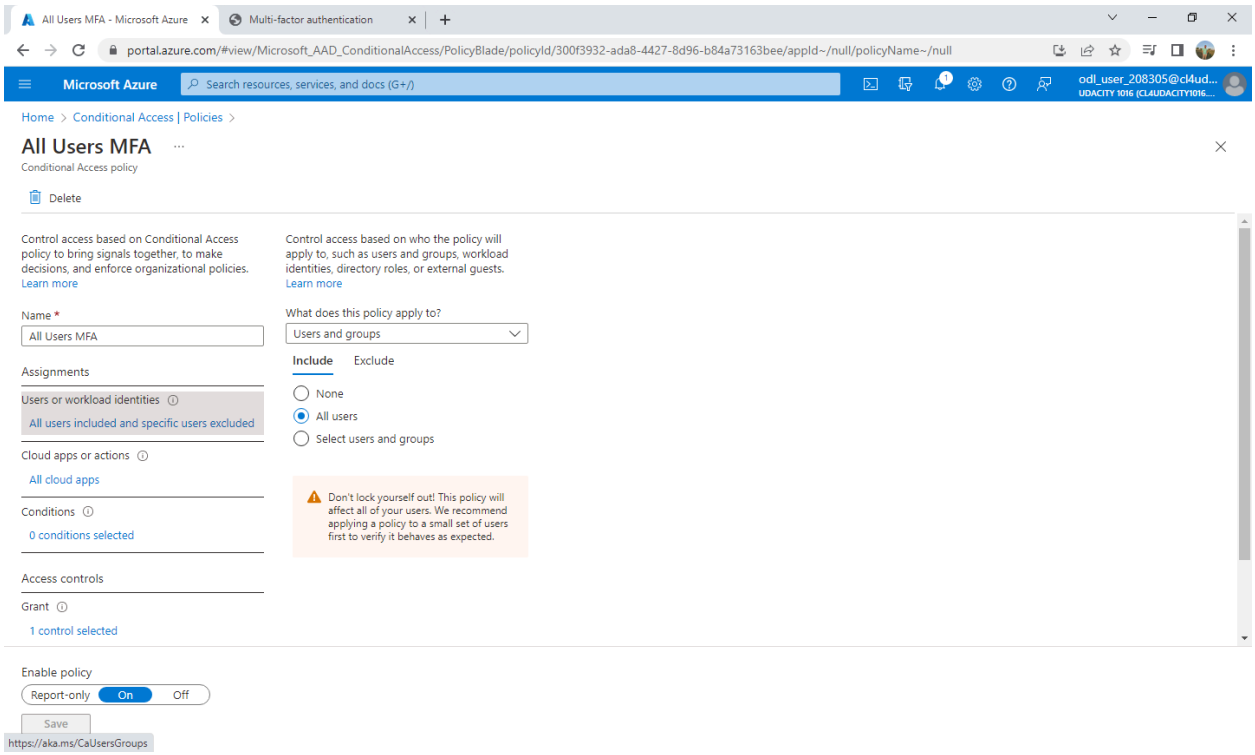

Role setting details - Global Adm
portal.azure.com/#view/Microsoft_Azure_PIMCommon/RoleSettingsView/policyId/d203b66b-f434-482a-93f8-a7af90a7012f/roleName/Global%20Administrator
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208305@cl4ud...
UDACITY 1016 (CL4UDACITY1016....
Home > Udacity 1016 | Settings >
Role setting details - Global Administrator
Privileged Identity Management | Azure AD roles
Edit
Require Azure Multi-Factor Authentication on active assignment
Yes
Require justification on active assignment
Yes
Send notifications when members are assigned as eligible to this role:
Type
Default recipients
Additional recipients
Critical emails only
Role assignment alert
-
None
False
Notification to the assigned user (assignee)
-
None
False
Request to approve a role assignment renewal/extens...
-
None
False
Send notifications when members are assigned as active to this role:
Type
Default recipients
Additional recipients
Critical emails only
Role assignment alert
-
None
False
Notification to the assigned user (assignee)
-
None
False
Request to approve a role assignment renewal/extens...
-
None
False
Send notifications when eligible members activate this role:
Type
Default recipients
Additional recipients
Critical emails only
Role activation alert
-
None
False
Notification to activated user (requestor)
-
None
False
Request to approve an activation
-
None
False

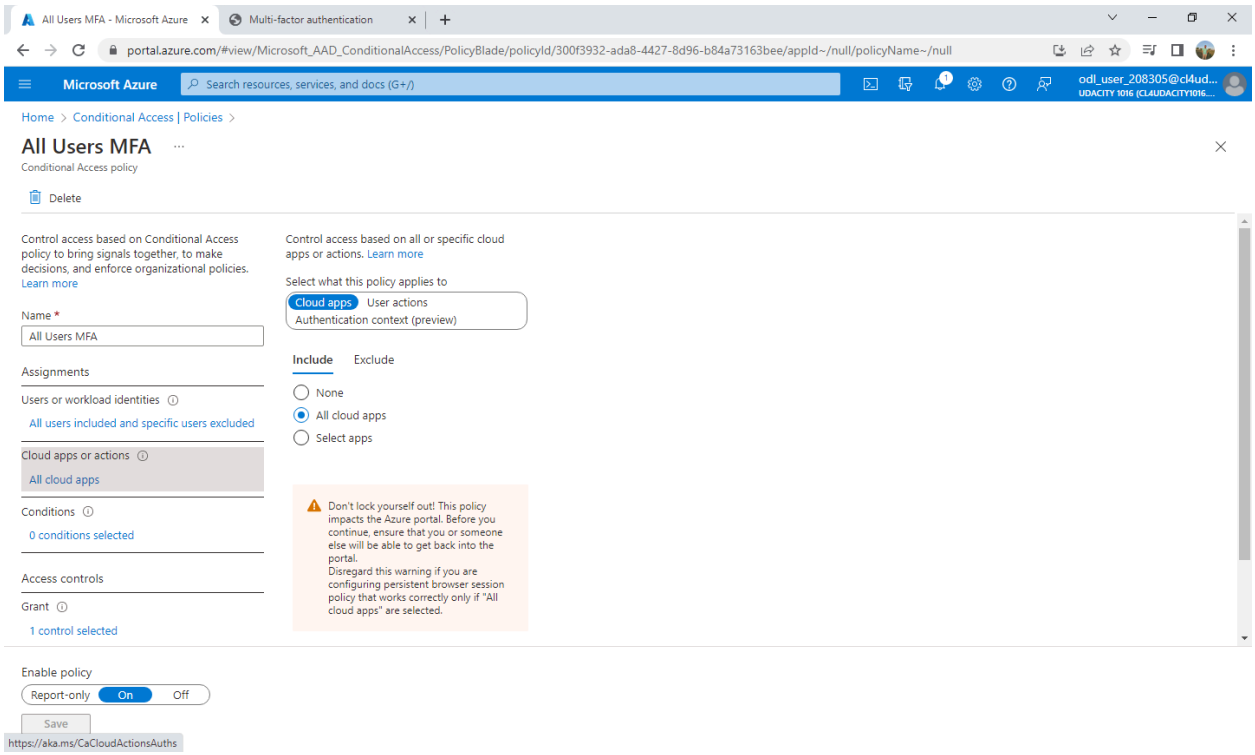
3. Proof of Conditional Access policy all users

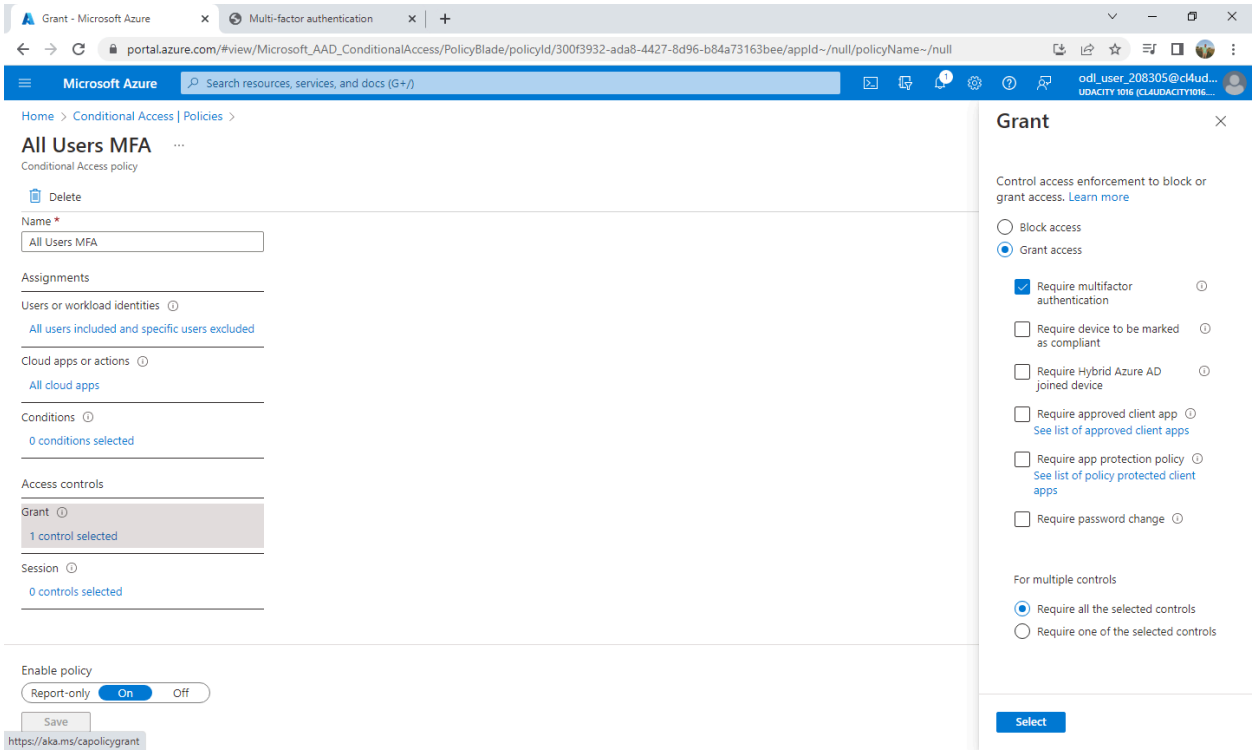


Making sure that we disabled the security defaults

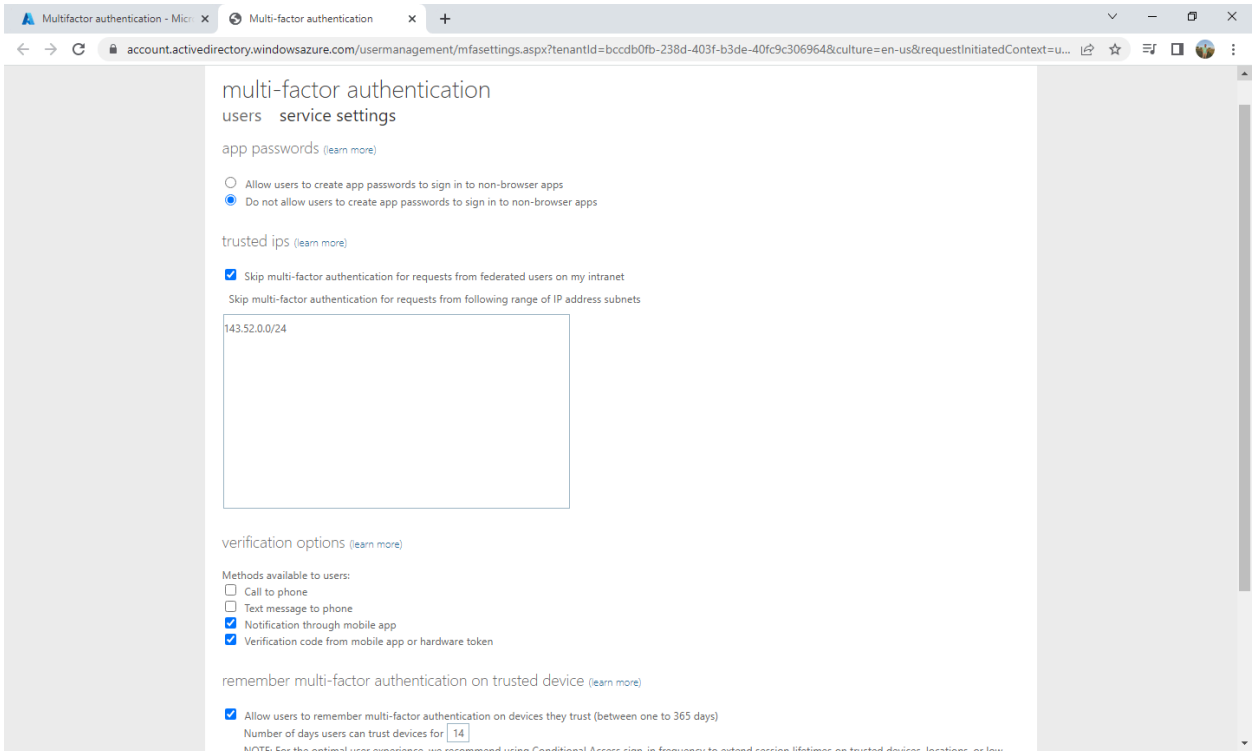



All Users MFA - Microsoft Azure
Multi-factor authentication
portal.azure.com/#view/Microsoft_AAD_ConditionalAccess/PolicyBlade/policyId/300f3932-ada8-4427-8d96-b84a73163bee/appId~/null/policyName~/null
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208305@cl4ud...
UDACITY 1016 (CL4UDACITY1016....
Home > Conditional Access | Policies >
All Users MFA
Conditional Access policy
Delete
Control access based on Conditional Access policy to bring signals together, to make decisions, and enforce organizational policies.
Learn more
Name *
All Users MFA
Assignments
Users or workload identities
All users included and specific users excluded
Cloud apps or actions
All cloud apps
Conditions
0 conditions selected
Access controls
Grant
1 control selected
Control access based on who the policy will apply to, such as users and groups, workload identities, directory roles, or external guests.
Learn more
What does this policy apply to?
Users and groups
Include
Exclude
None
All users
Select users and groups
Don't lock yourself out! This policy will affect all of your users. We recommend applying a policy to a small set of users first to verify it behaves as expected.
Enable policy
Report-only
On
Off
Save
https://aka.ms/CaUsersGroups


All Users MFA - Microsoft Azure
Multi-factor authentication
portal.azure.com/#view/Microsoft_AAD_ConditionalAccess/PolicyBlade/policyId/300f3932-ada8-4427-8d96-b84a73163bee/appId~/null/policyName~/null
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208305@cl4ud...
UDACITY 1016 (CL4UDACITY1016....
Home > Conditional Access | Policies >
All Users MFA
Conditional Access policy
Delete
Control access based on Conditional Access policy to bring signals together, to make decisions, and enforce organizational policies.
Learn more
Name *
All Users MFA
Assignments
Users or workload identities
All users included and specific users excluded
Cloud apps or actions
All cloud apps
Conditions
0 conditions selected
Access controls
Grant
1 control selected
Control access based on all or specific cloud apps or actions. Learn more
Select what this policy applies to
Cloud apps
User actions
Authentication context (preview)
Include
Exclude
None
All cloud apps
Select apps
Don't lock yourself out! This policy impacts the Azure portal. Before you continue, ensure that you or someone else will be able to get back into the portal.
Disregard this warning if you are configuring persistent browser session policy that works correctly only if "All cloud apps" are selected.
Enable policy
Report-only
On
Off
Save
https://aka.ms/CaCloudActionsAuths

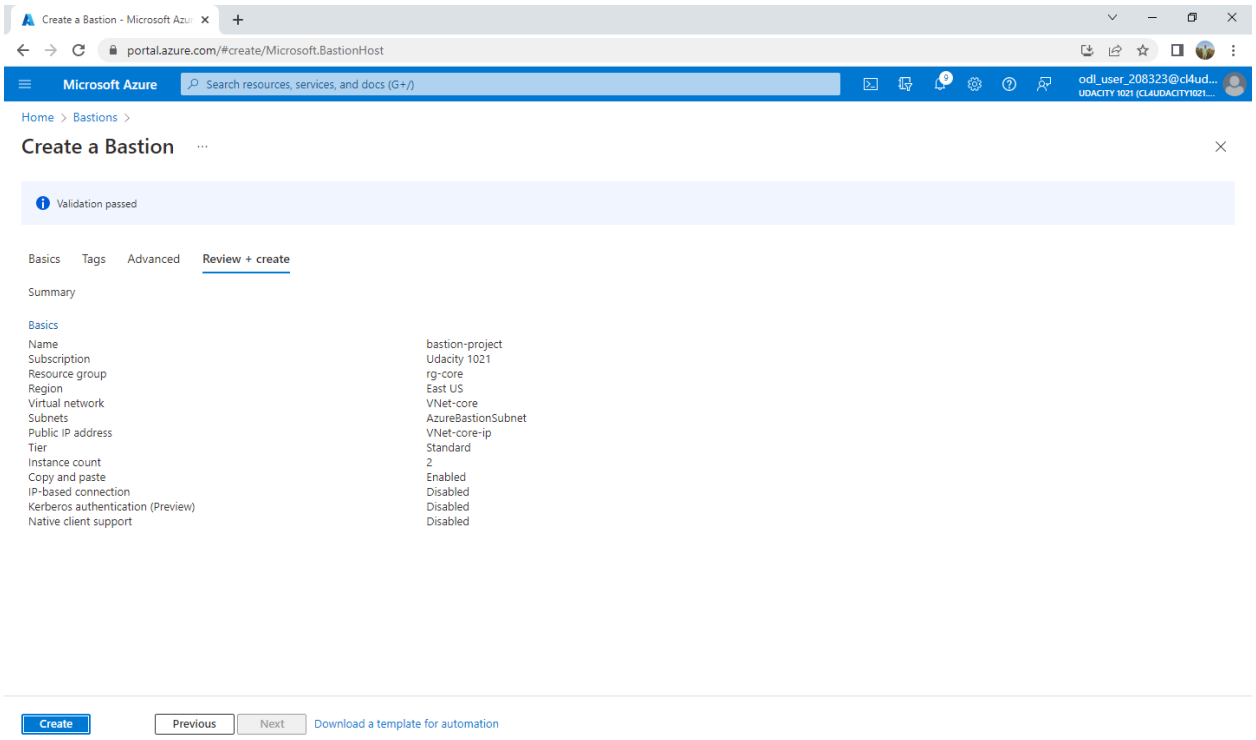


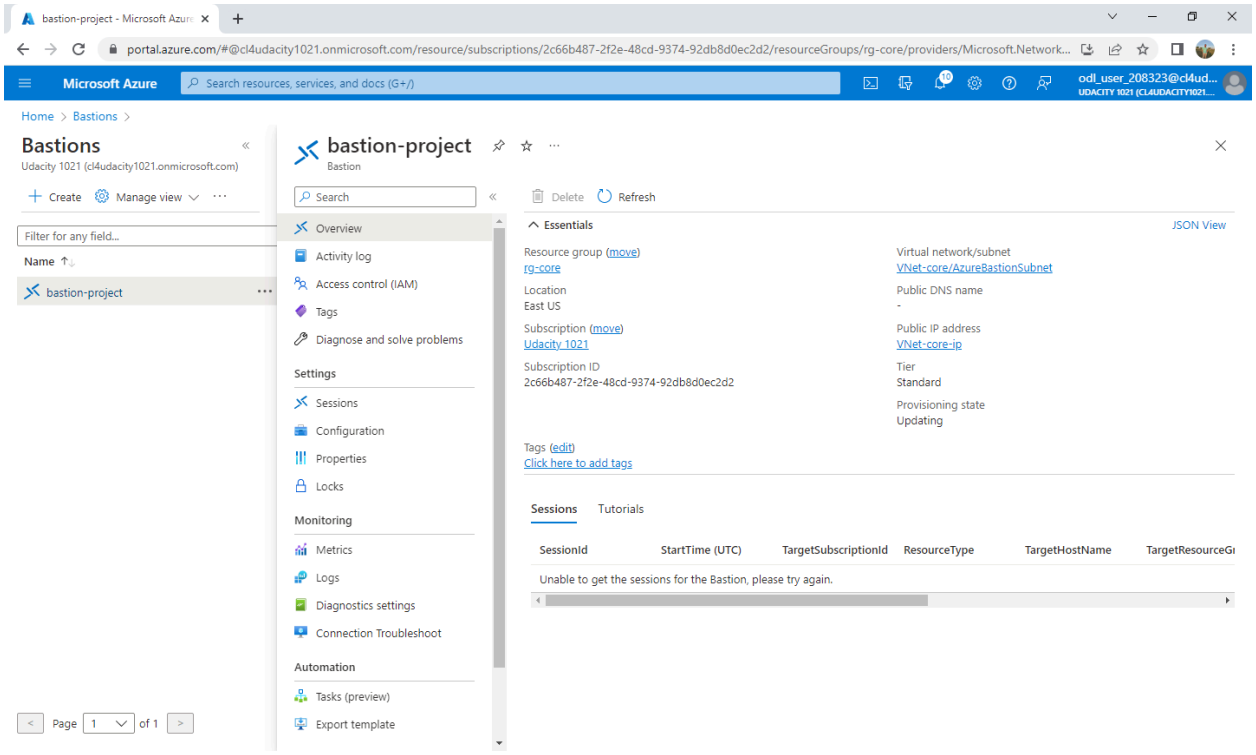
4. Proof of Multi-factor authentication(14 days, Charlotte office info)



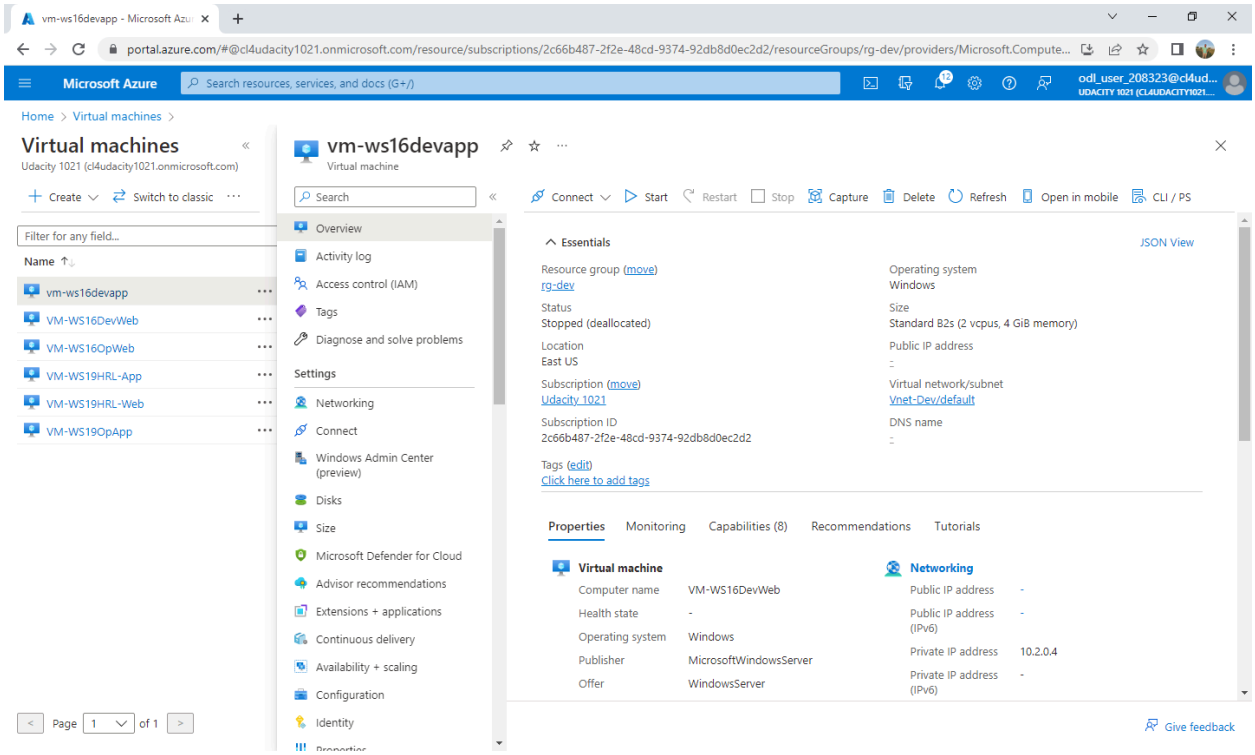
Network Security

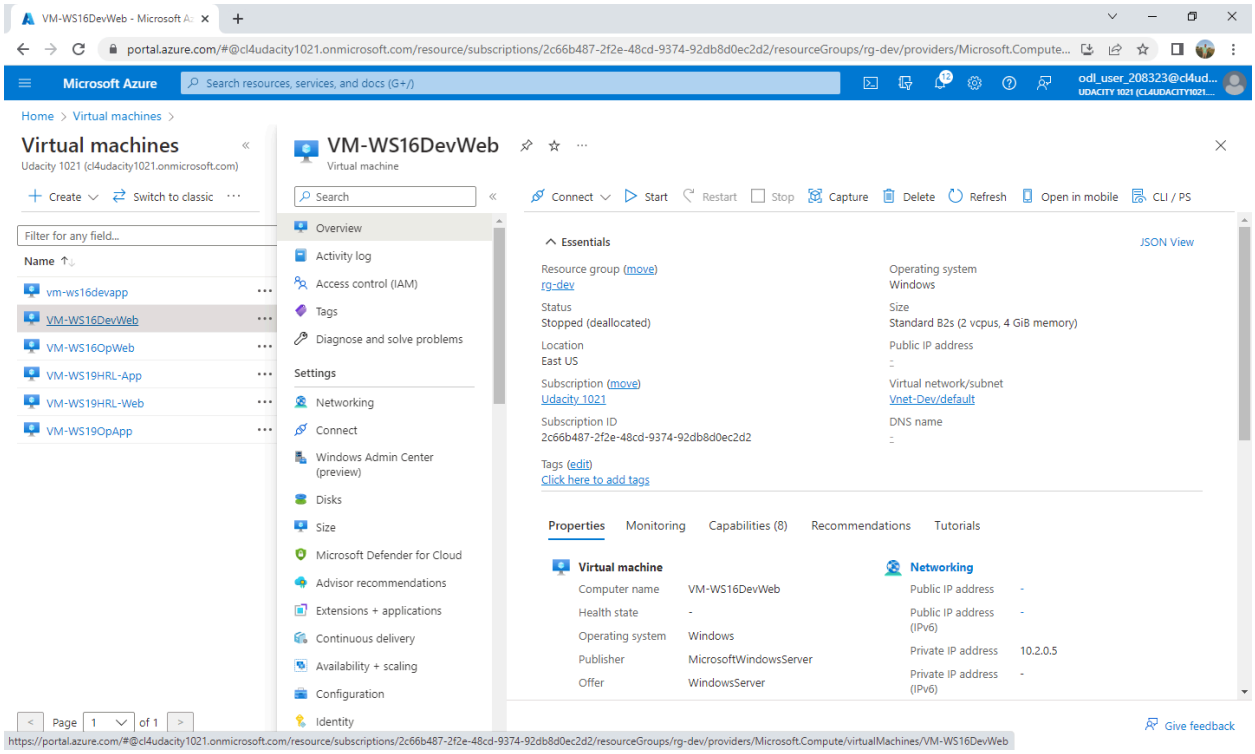
1. Bastion overview

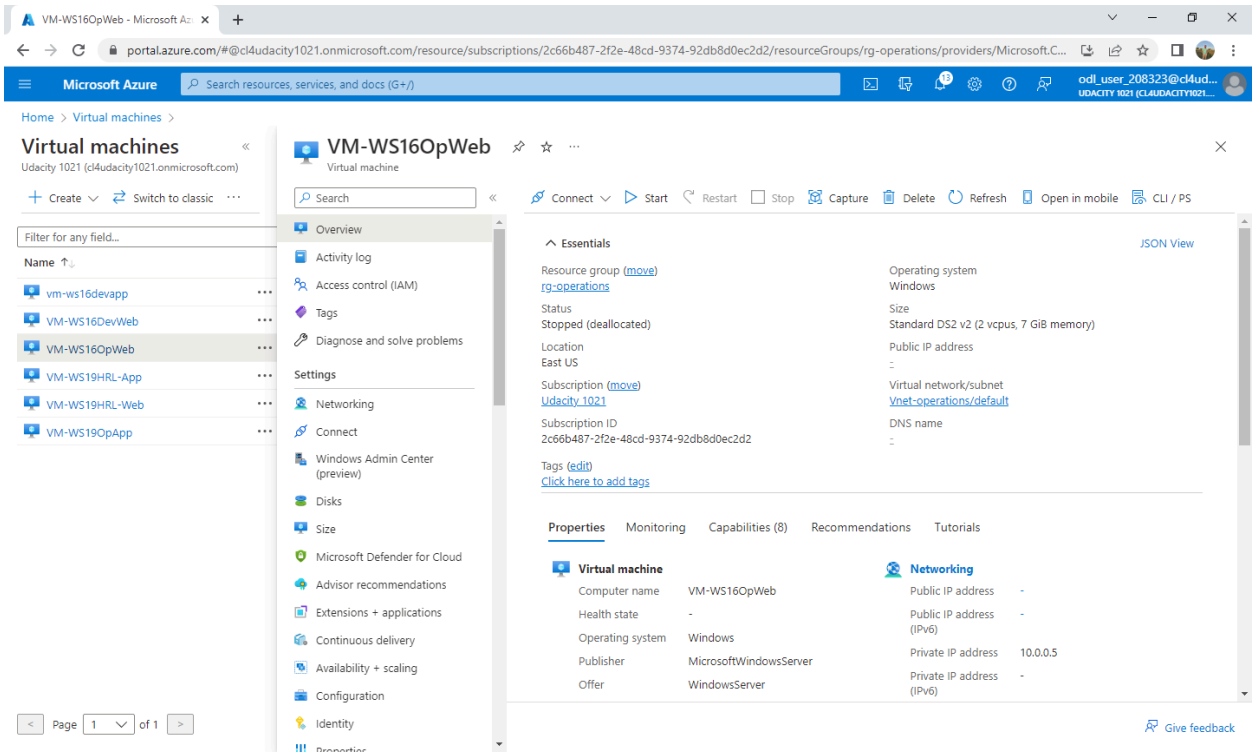


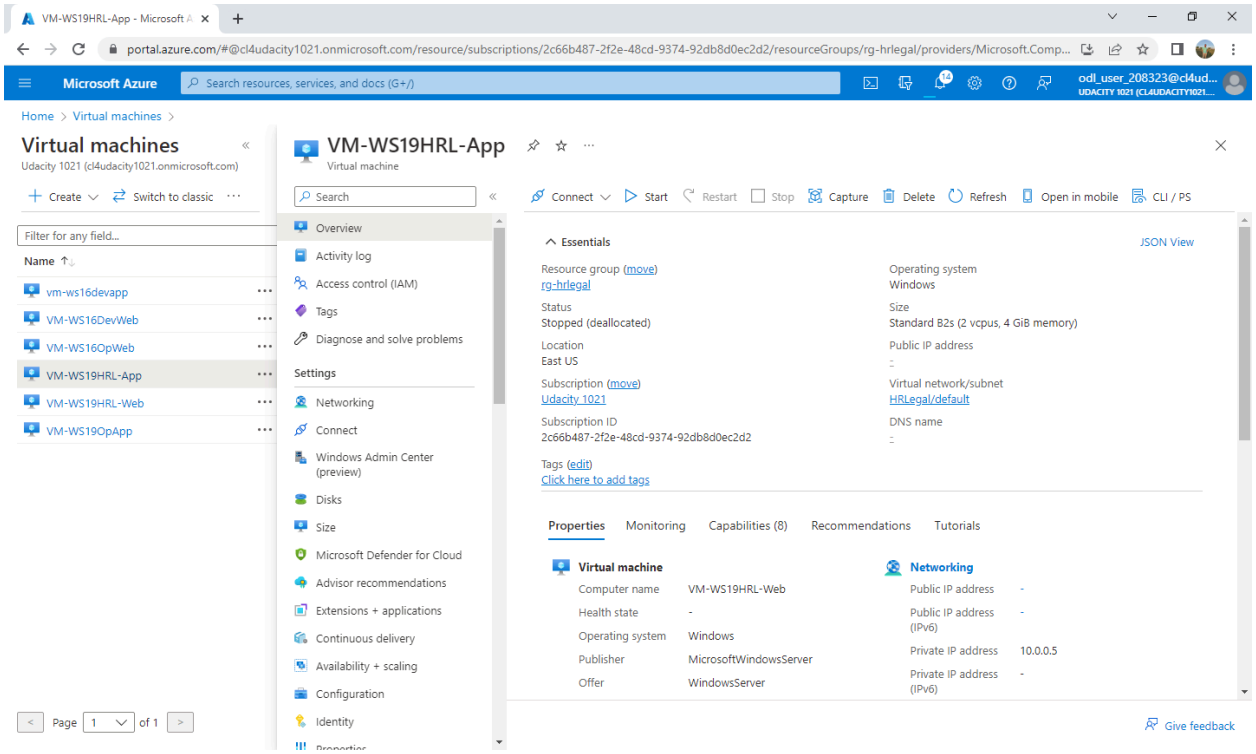


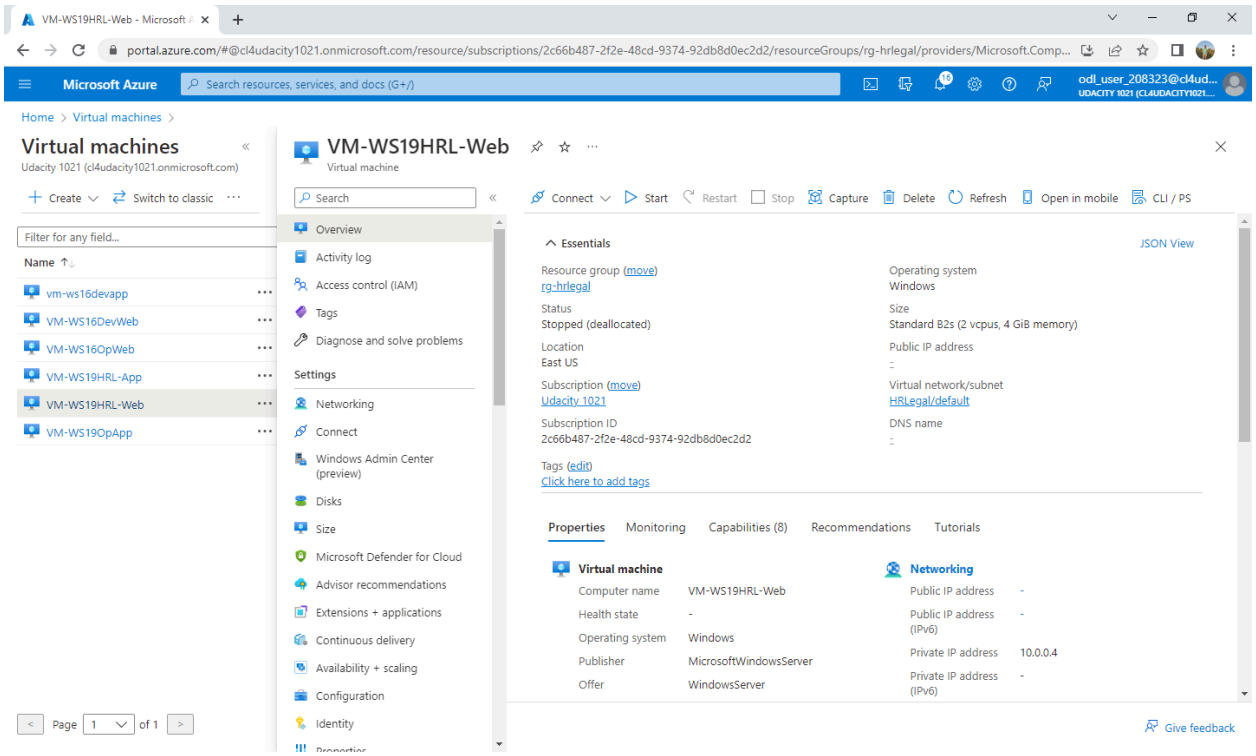
2. Proof of public IP addresses removed

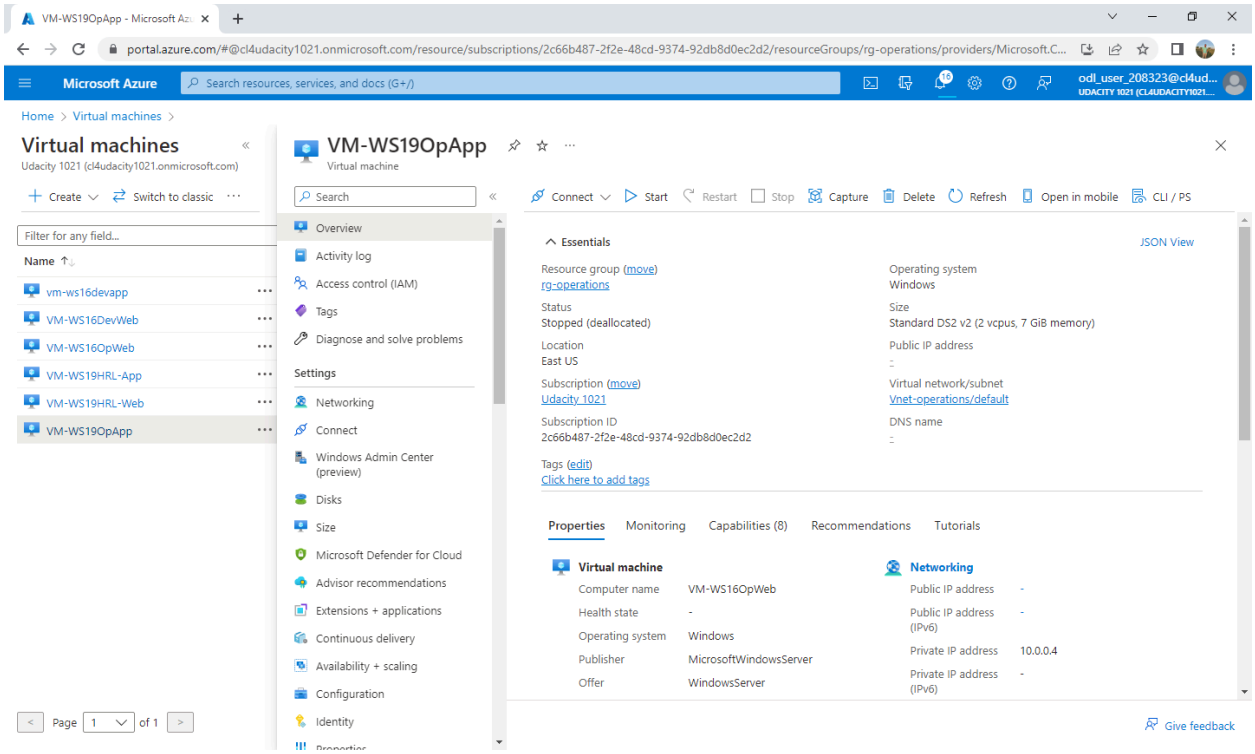



VM-WS16DevWeb - Microsoft A
portal.azure.com/#@cl4udacity1021.onmicrosoft.com/resource/subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups/rg-dev/providers/Microsoft.Compute...
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Virtual machines
Virtual machines
Udacity 1021 (cl4udacity1021.onmicrosoft.com)
Create
Switch to classic
Filter for any field...
Name
vm-ws16devapp
VM-WS16DevWeb
VM-WS16OpWeb
VM-WS19HRL-App
VM-WS19HRL-Web
VM-WS19OpApp
Page 1 of 1
VM-WS16DevWeb
Virtual machine
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Access control (IAM)
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Settings
Networking
Connect
Windows Admin Center (preview)
Disks
Size
Microsoft Defender for Cloud
Advisor recommendations
Extensions + applications
Continuous delivery
Availability + scaling
Configuration
Identity
Connect
Start
Restart
Stop
Capture
Delete
Refresh
Open in mobile
CLI / PS
Essentials
JSON View
Resource group (move)
rg-dev
Status
Stopped (deallocated)
Location
East US
Subscription (move)
Udacity 1021
Subscription ID
2c66b487-2f2e-48cd-9374-92db8d0ec2d2
Tags (edit)
Click here to add tags
Operating system
Windows
Size
Standard B2s (2 vcpus, 4 GiB memory)
Public IP address
Virtual network/subnet
Vnet-Dev/default
DNS name
Properties
Monitoring
Capabilities (8)
Recommendations
Tutorials
Virtual machine
Computer name
VM-WS16DevWeb
Health state
Operating system
Windows
Publisher
MicrosoftWindowsServer
Offer
WindowsServer
Networking
Public IP address
Public IP address (IPv6)
Private IP address
10.2.0.5
Private IP address (IPv6)
Give feedback
https://portal.azure.com/#@cl4udacity1021.onmicrosoft.com/resource/subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups/rg-dev/providers/Microsoft.Compute/virtualMachines/VM-WS16DevWeb


VM-WS16OpWeb - Microsoft A
portal.azure.com/#@cl4udacity1021.onmicrosoft.com/resource/subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups/rg-operations/providers/Microsoft.C...
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Virtual machines
Virtual machines
Udacity 1021 (cl4udacity1021.onmicrosoft.com)
Create
Switch to classic
Filter for any field...
Name
vm-ws16devapp
VM-WS16DevWeb
VM-WS16OpWeb
VM-WS19HRL-App
VM-WS19HRL-Web
VM-WS19OpApp
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VM-WS16OpWeb
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Connect
Windows Admin Center (preview)
Disks
Size
Microsoft Defender for Cloud
Advisor recommendations
Extensions + applications
Continuous delivery
Availability + scaling
Configuration
Identity
Connect
Start
Restart
Stop
Capture
Delete
Refresh
Open in mobile
CLI / PS
Essentials
JSON View
Resource group (move)
rg-operations
Status
Stopped (deallocated)
Location
East US
Subscription (move)
Udacity 1021
Subscription ID
2c66b487-2f2e-48cd-9374-92db8d0ec2d2
Tags (edit)
Click here to add tags
Operating system
Windows
Size
Standard DS2 v2 (2 vcpus, 7 GiB memory)
Public IP address
Virtual network/subnet
Vnet-operations/default
DNS name
Properties
Monitoring
Capabilities (8)
Recommendations
Tutorials
Virtual machine
Computer name
VM-WS16OpWeb
Health state
Operating system
Windows
Publisher
MicrosoftWindowsServer
Offer
WindowsServer
Networking
Public IP address
Public IP address (IPv6)
Private IP address
10.0.0.5
Private IP address (IPv6)
Give feedback

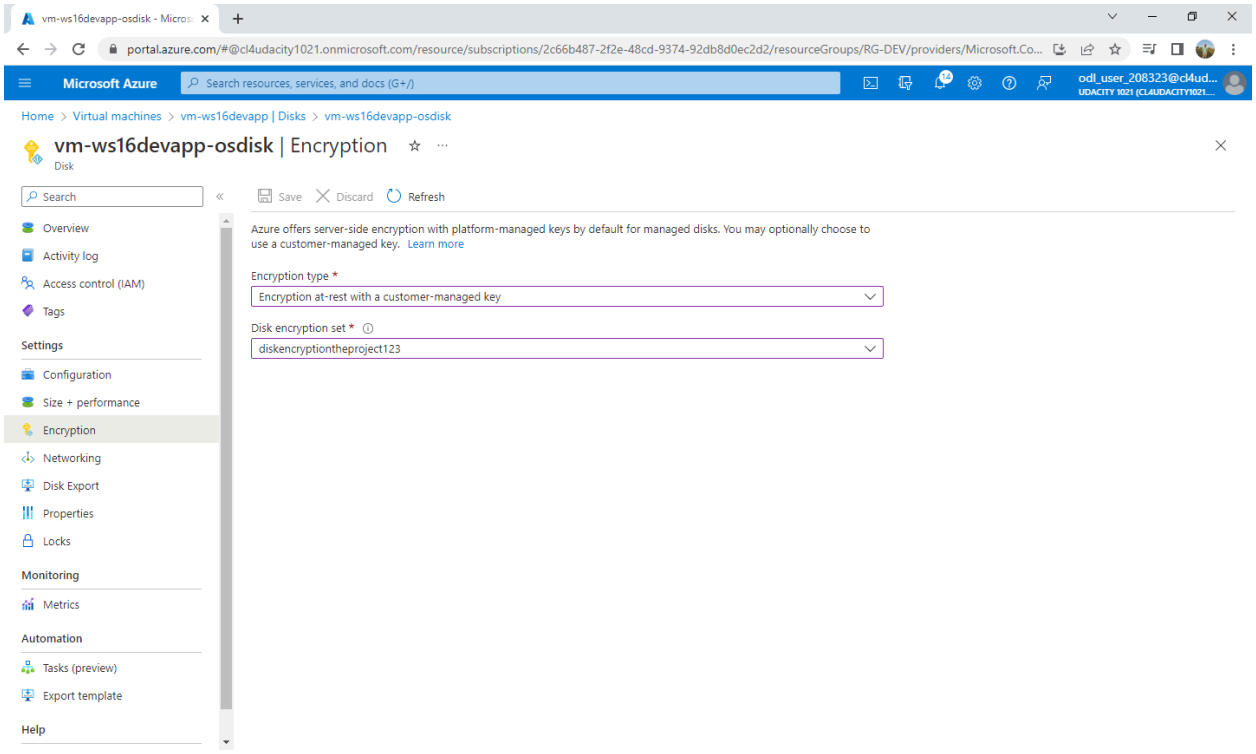

VM-WS19HRL-App - Microsoft
portal.azure.com/#@cl4udacity1021.onmicrosoft.com/resource/subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups/rg-hrlegal/providers/Microsoft.Comp...
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
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Virtual machines
Udacity 1021 (cl4udacity1021.onmicrosoft.com)
Create
Switch to classic
Filter for any field...
Name
vm-ws16devapp
VM-WS16DevWeb
VM-WS16OpWeb
VM-WS19HRL-App
VM-WS19HRL-Web
VM-WS19OpApp
Page 1 of 1
VM-WS19HRL-App
Virtual machine
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Windows Admin Center (preview)
Disks
Size
Microsoft Defender for Cloud
Advisor recommendations
Extensions + applications
Continuous delivery
Availability + scaling
Configuration
Identity
Connect
Start
Restart
Stop
Capture
Delete
Refresh
Open in mobile
CLI / PS
Essentials
JSON View
Resource group (move)
rg-hrlegal
Status
Stopped (deallocated)
Location
East US
Subscription (move)
Udacity 1021
Subscription ID
2c66b487-2f2e-48cd-9374-92db8d0ec2d2
Tags (edit)
Click here to add tags
Operating system
Windows
Size
Standard B2s (2 vcpus, 4 GiB memory)
Public IP address
Virtual network/subnet
HRLegal/default
DNS name
Properties
Monitoring
Capabilities (8)
Recommendations
Tutorials
Virtual machine
Computer name
VM-WS19HRL-Web
Health state
Operating system
Windows
Publisher
MicrosoftWindowsServer
Offer
WindowsServer
Networking
Public IP address
Public IP address (IPv6)
Private IP address
10.0.0.5
Private IP address (IPv6)
Give feedback

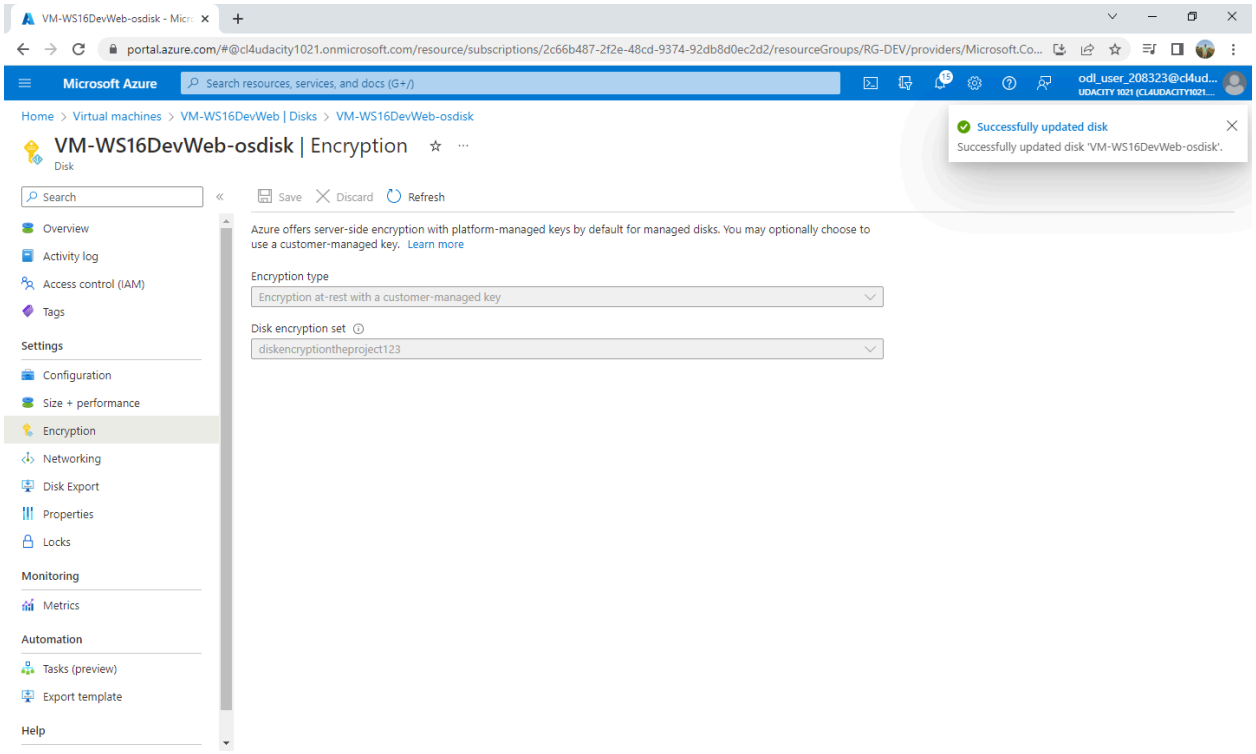

VM-WS19HRL-Web - Microsoft
portal.azure.com/#@cl4udacity1021.onmicrosoft.com/resource/subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups/rg-hrlegal/providers/Microsoft.Comp...
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Virtual machines
Virtual machines
Udacity 1021 (cl4udacity1021.onmicrosoft.com)
Create
Switch to classic
Filter for any field...
Name
vm-ws16devapp
VM-WS16DevWeb
VM-WS16OpWeb
VM-WS19HRL-App
VM-WS19HRL-Web
VM-WS19OpApp
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Udacity 1021
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2c66b487-2f2e-48cd-9374-92db8d0ec2d2
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Click here to add tags
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Give feedback

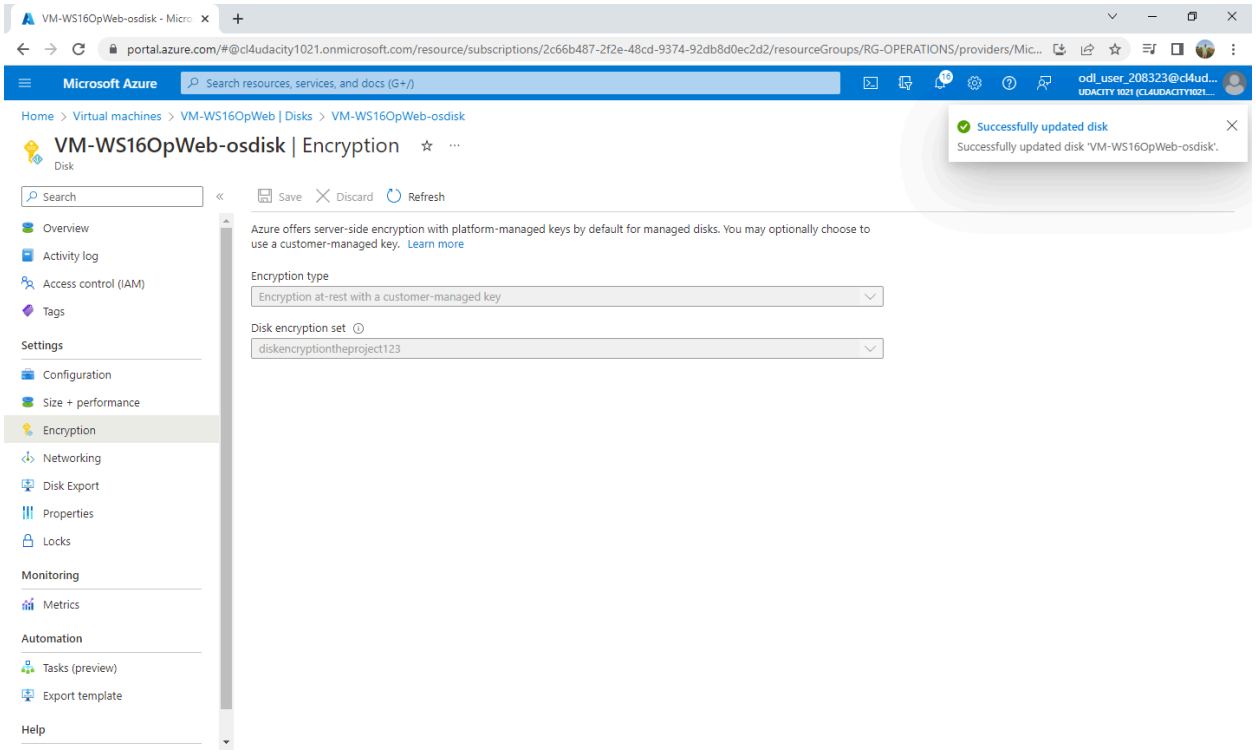


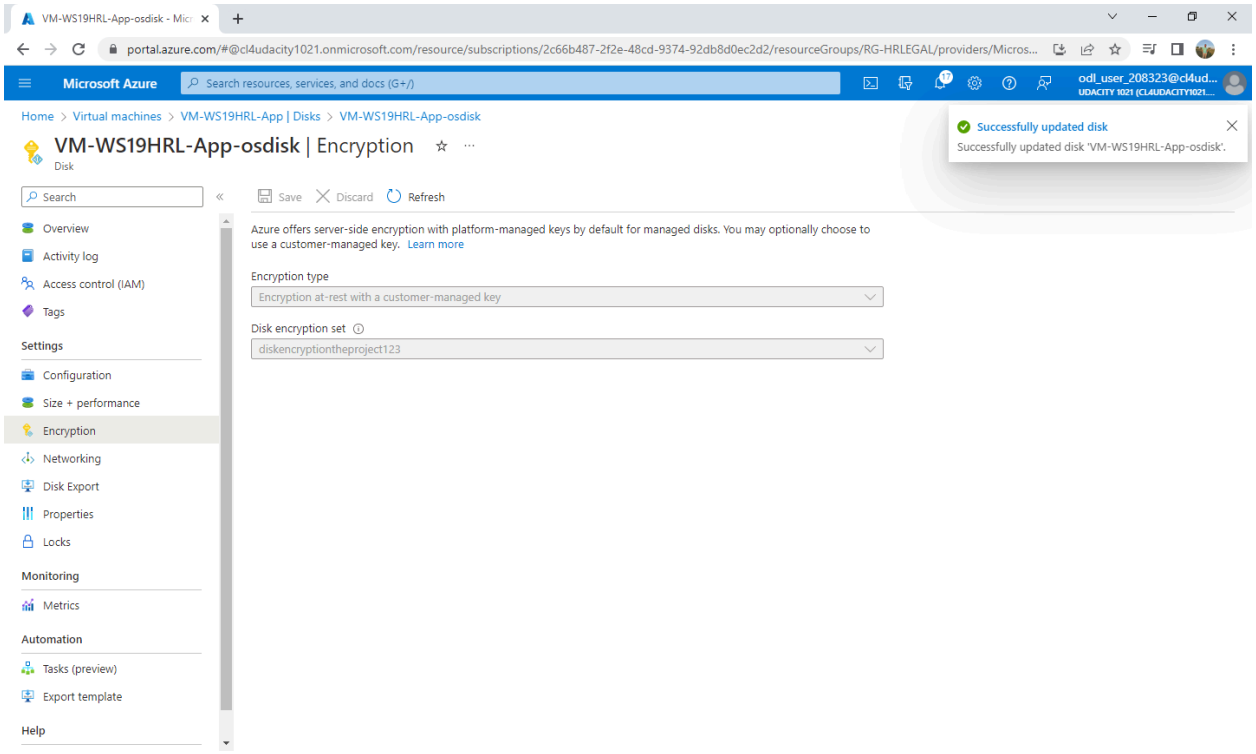
Data and Encryption

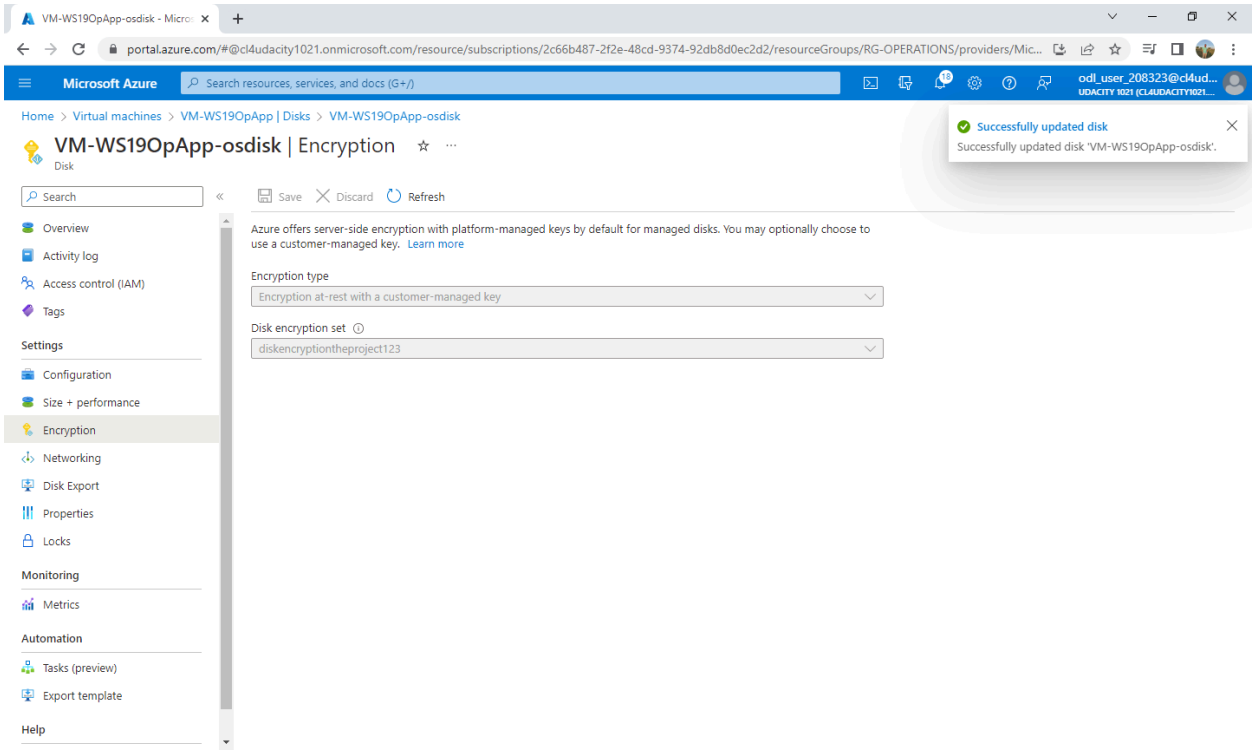
1. Proof of Encryption types for VM (devapp,DevWeb,OpWeb,HRL-App,OPApp, HRL-Web)

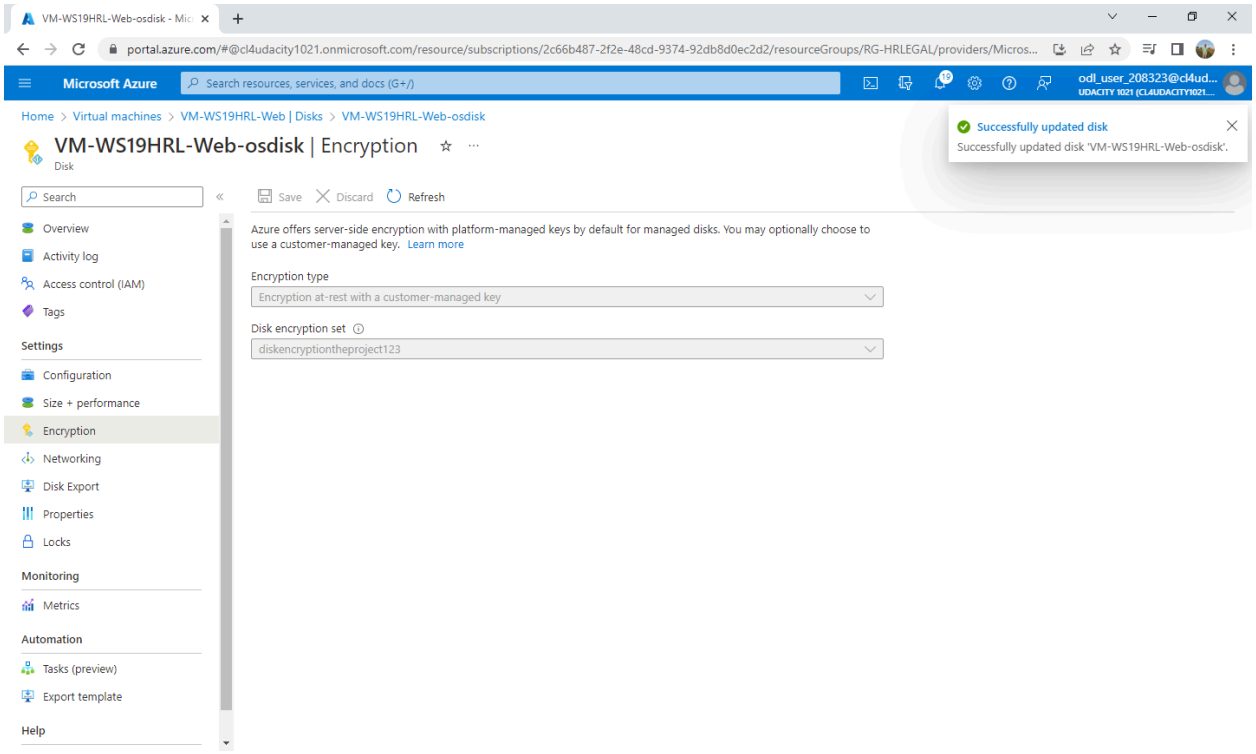

vm-ws16devapp-osdisk - Micros
portal.azure.com/#@cl4udacity1021.onmicrosoft.com/resource/subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups/RG-DEV/providers/Microsoft.Co...
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Virtual machines > vm-ws16devapp | Disks > vm-ws16devapp-osdisk
vm-ws16devapp-osdisk | Encryption
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Azure offers server-side encryption with platform-managed keys by default for managed disks. You may optionally choose to use a customer-managed key. Learn more
Encryption type *
Encryption at-rest with a customer-managed key
Disk encryption set *
diskencryptiontheproject123


VM-WS16DevWeb-osdisk - Micr
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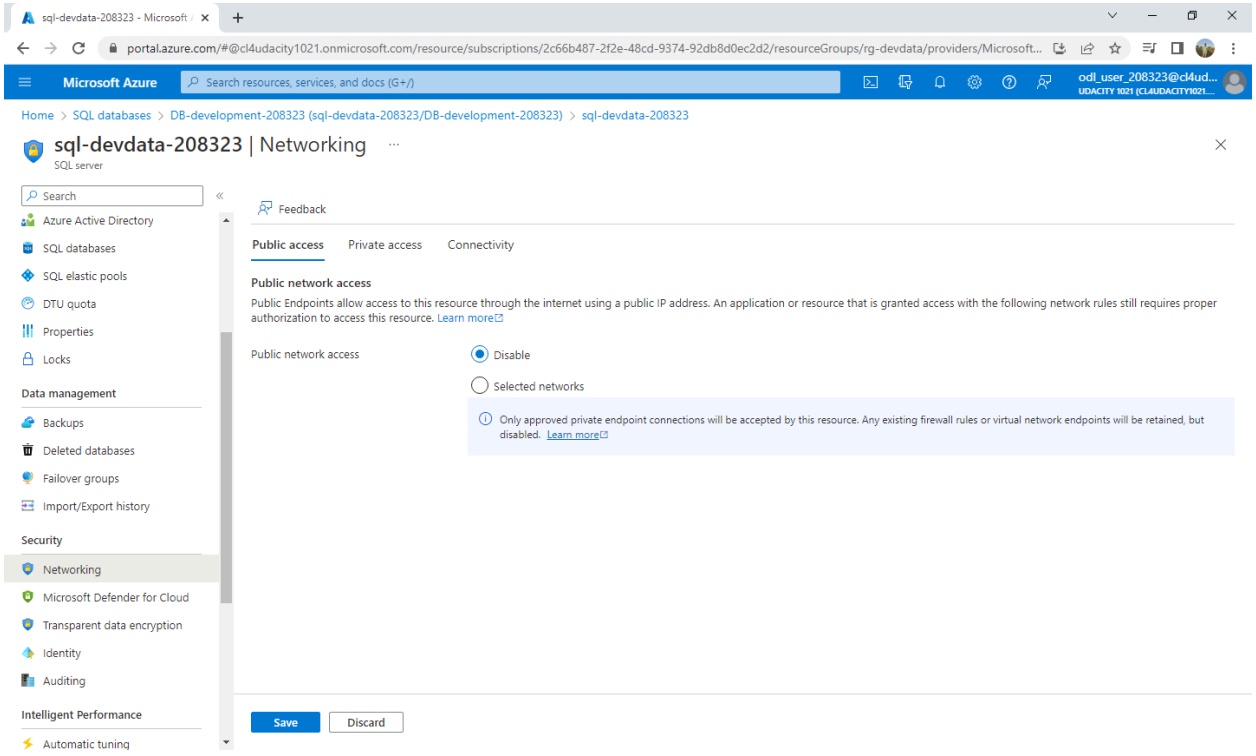

VM-WS16OpWeb-osdisk - Micro
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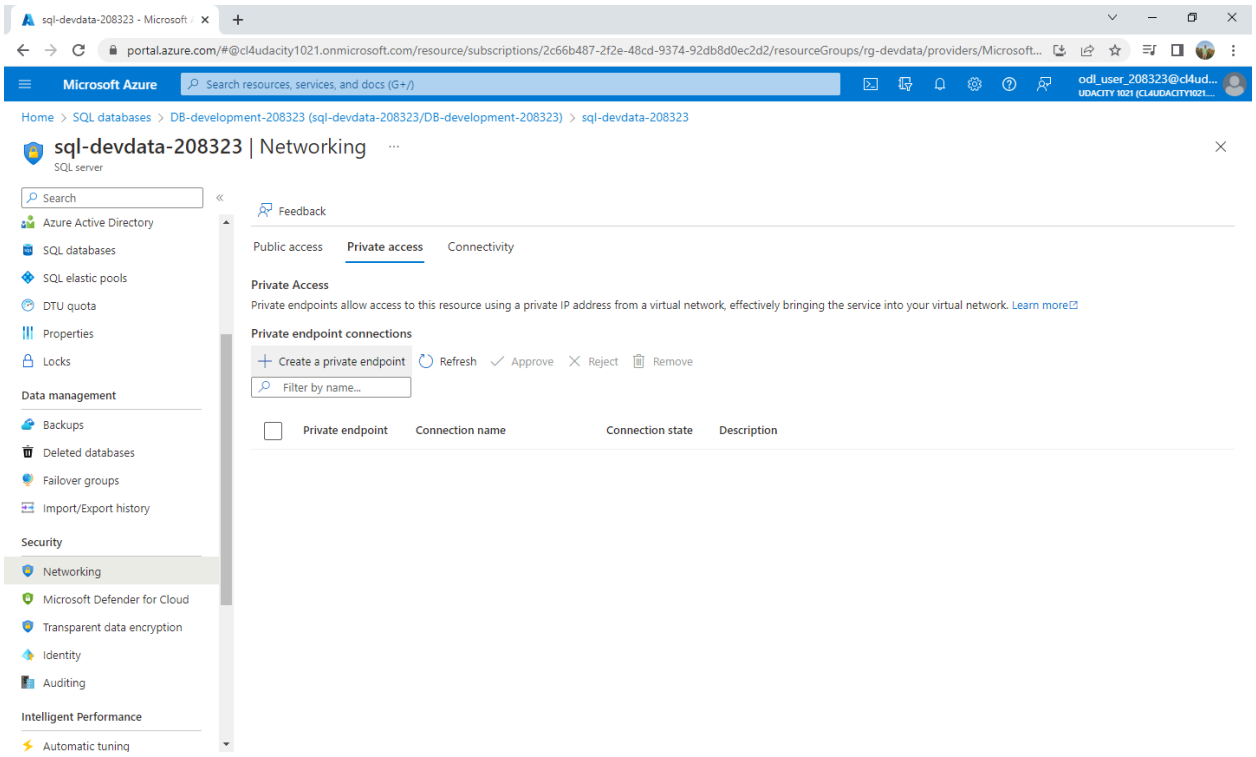

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Home > Virtual machines > VM-WS19HRL-App | Disks > VM-WS19HRL-App-osdisk
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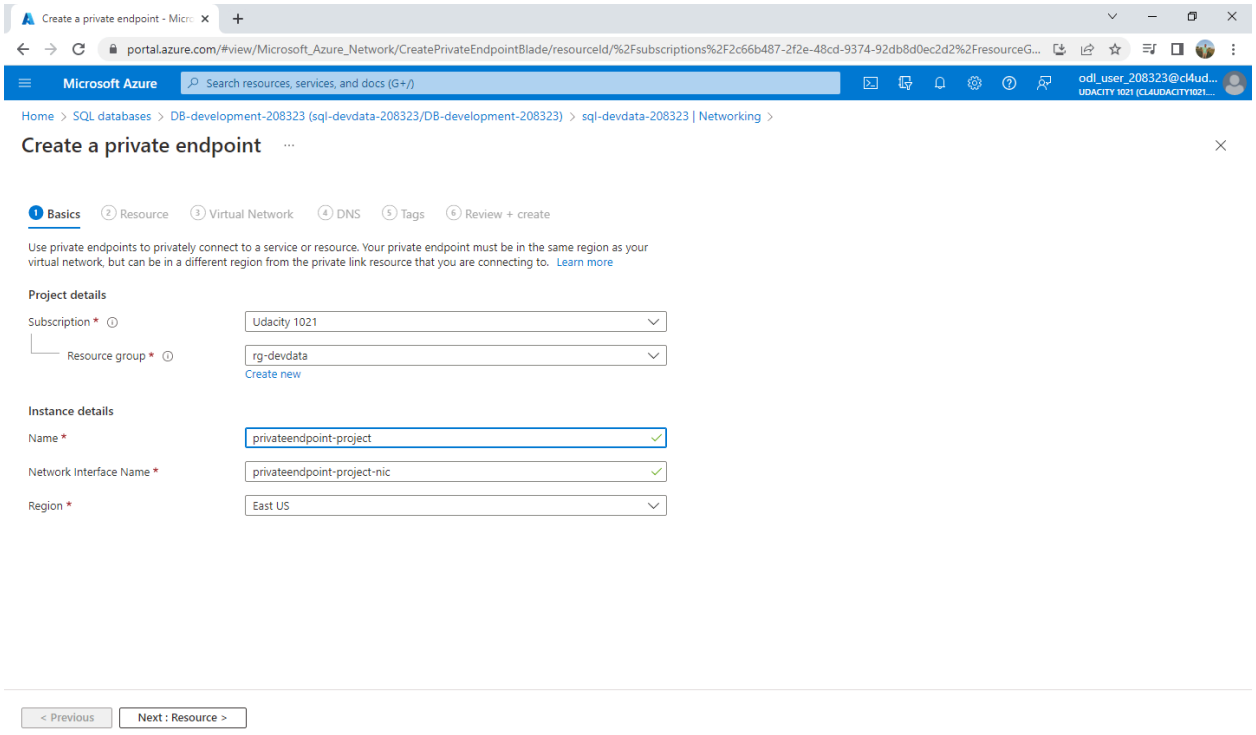

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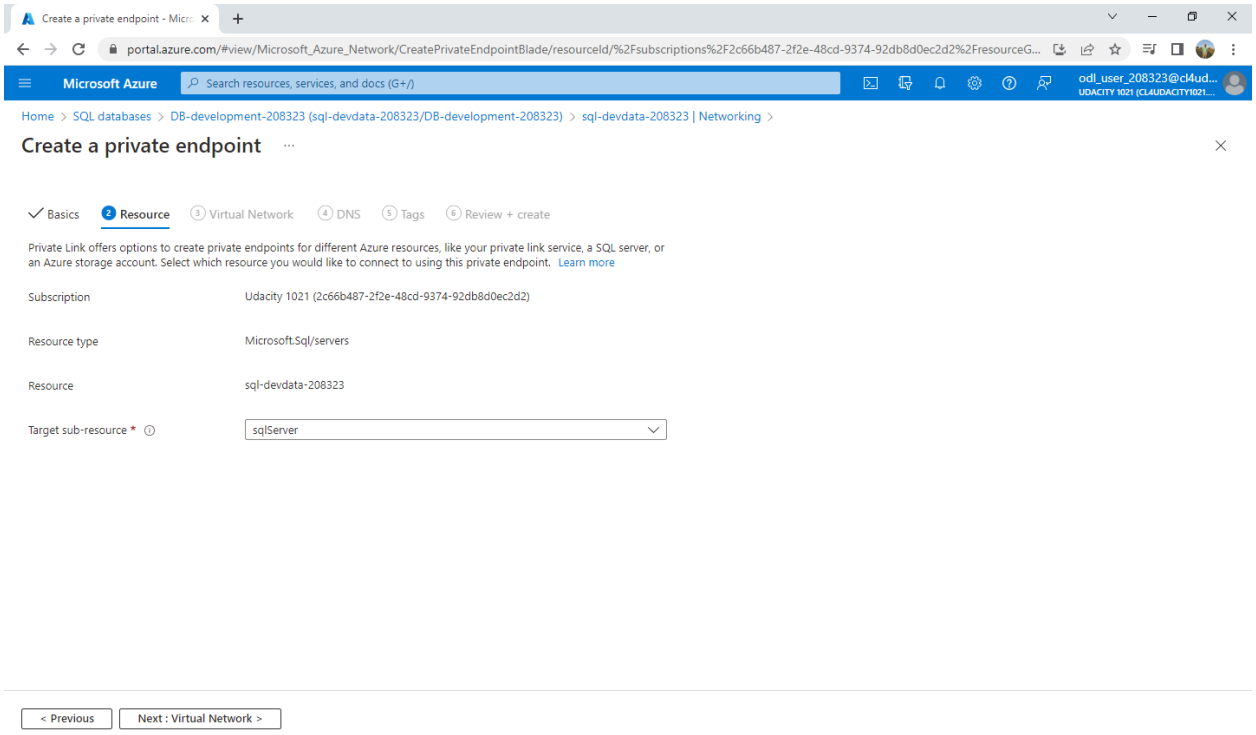

VM-WS19HRL-Web-osdisk - Mic
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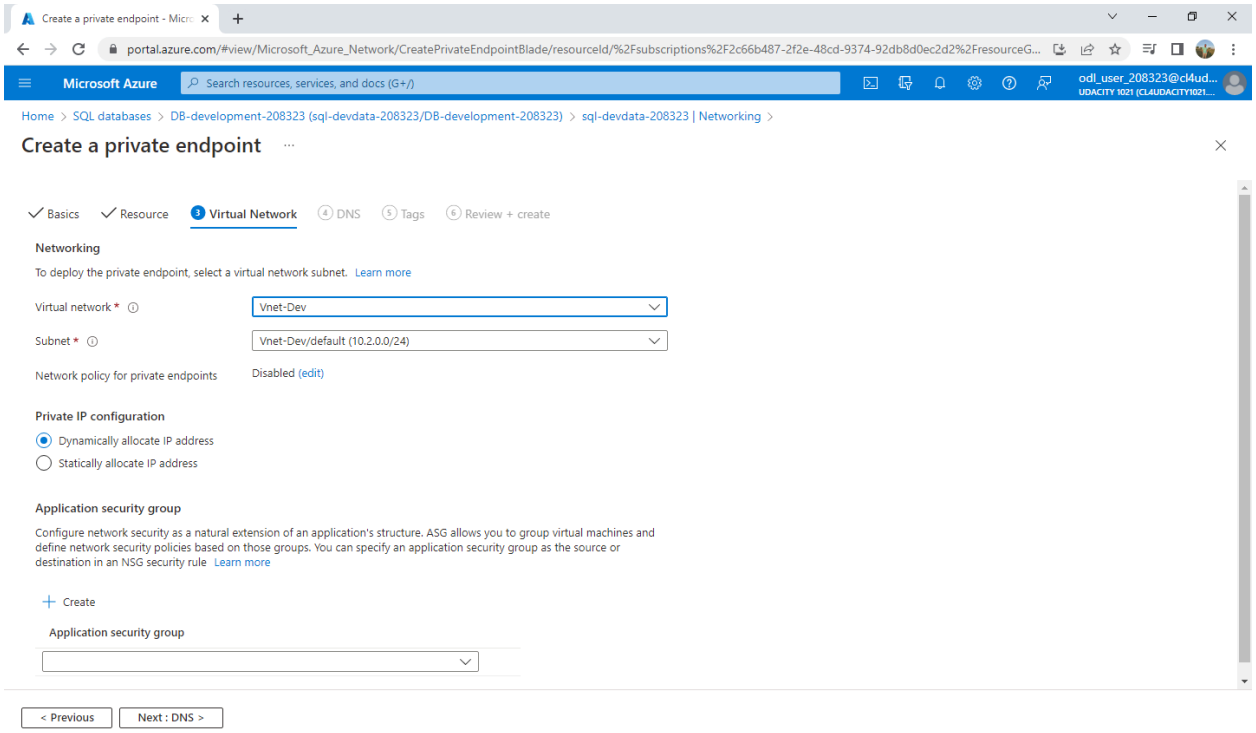
2. Firewalls and virtual networks page
    a. Proof of no public access and TLS for SQL servers(prod, dev)

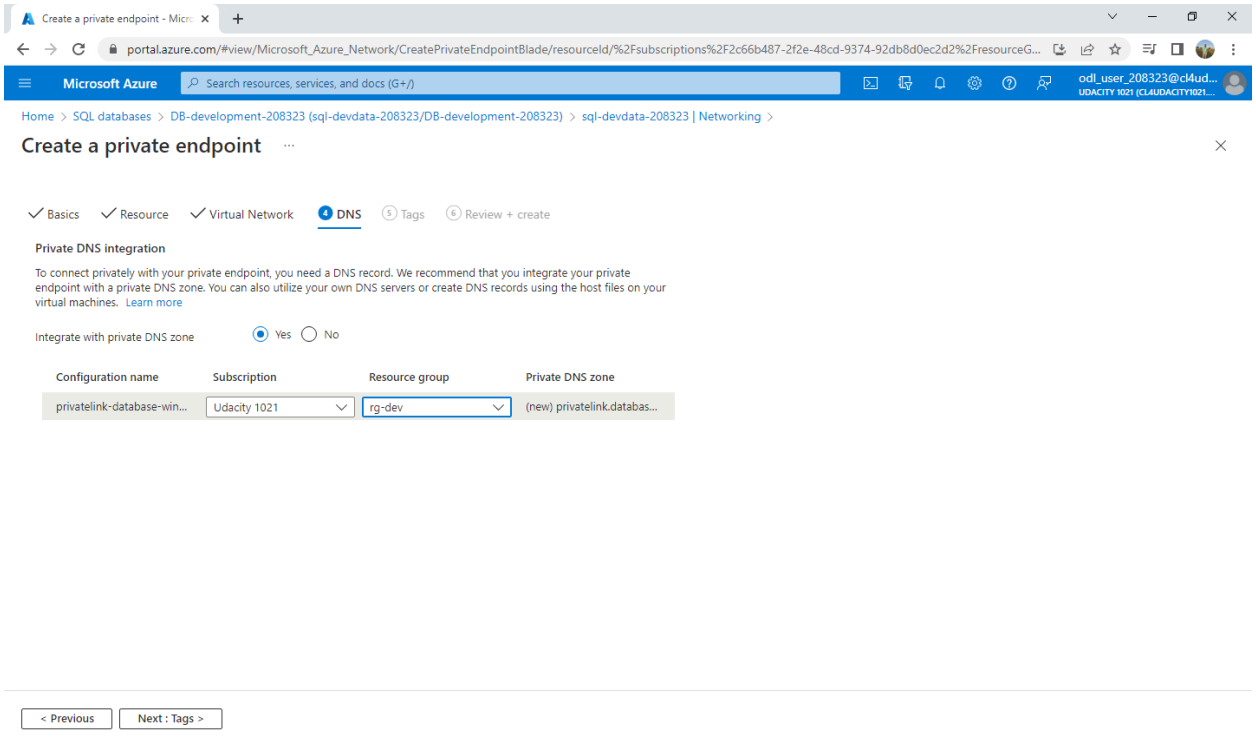


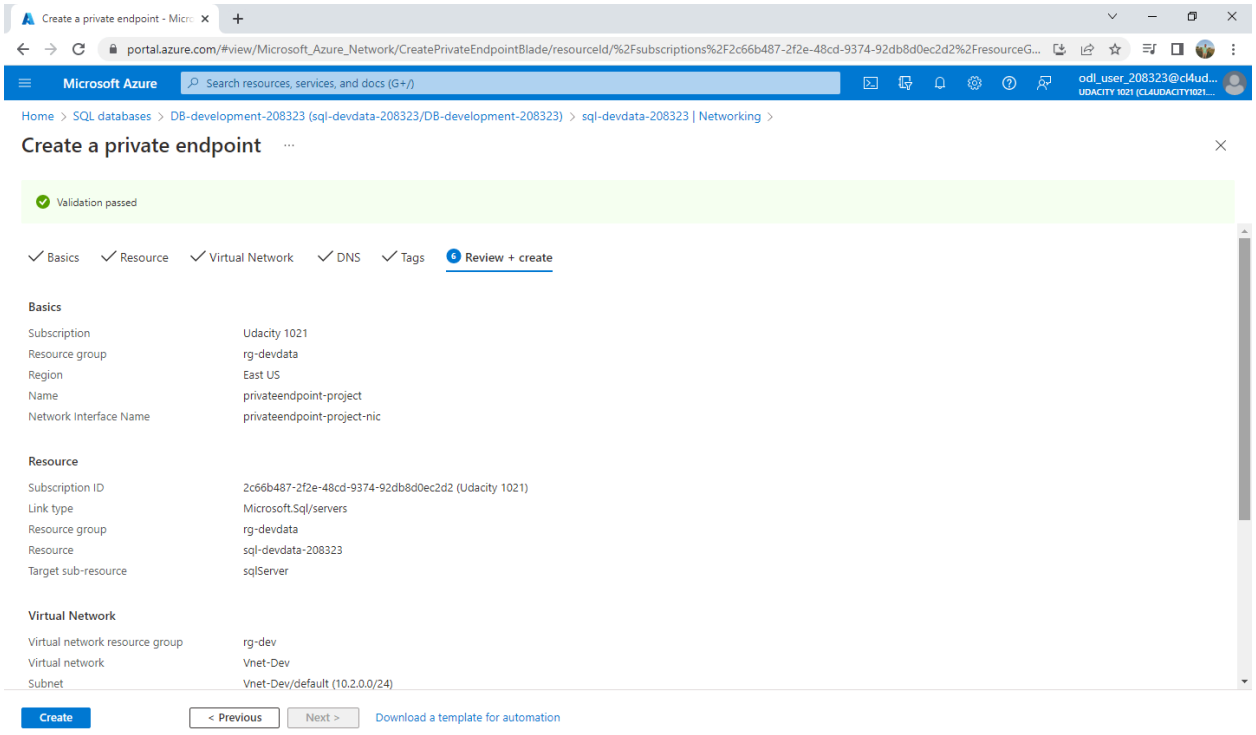


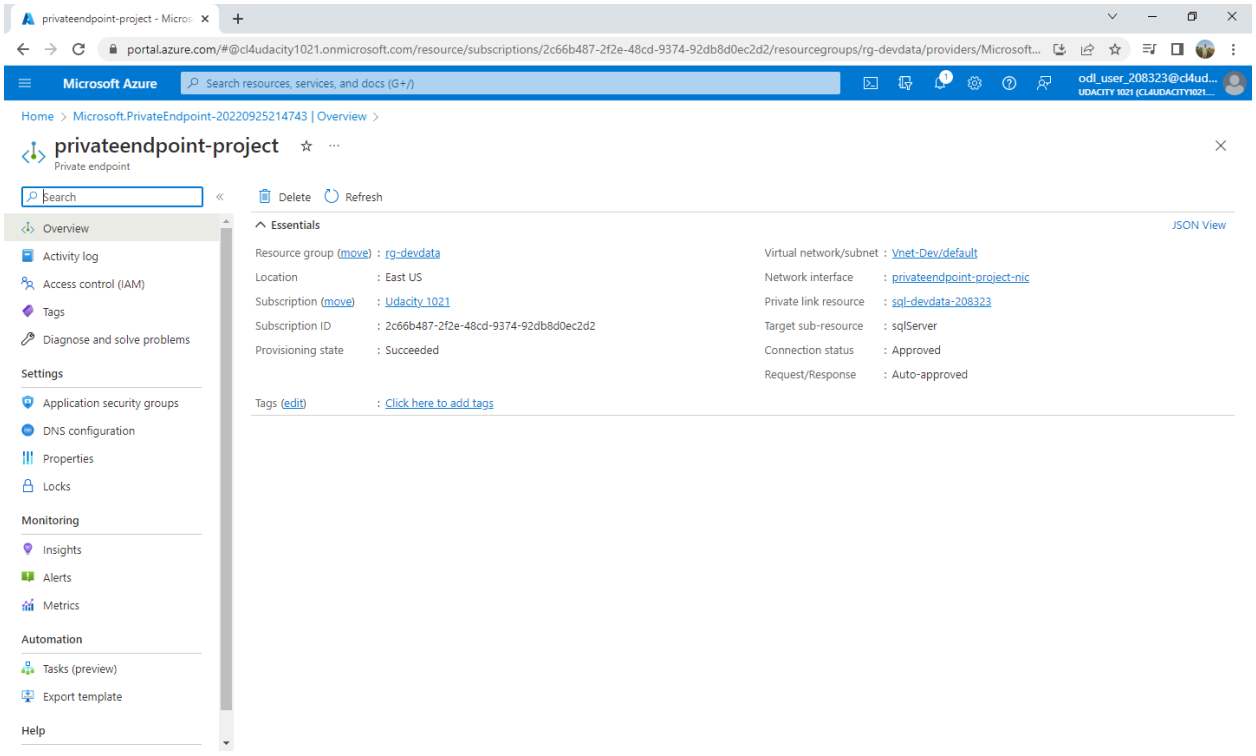

Create a private endpoint - Micro
portal.azure.com/#view/Microsoft_Azure_Network/CreatePrivateEndpointBlade/resourceId/%2Fsubscriptions%2F2c66b487-2f2e-48cd-9374-92db8d0ec2d2%2FresourceG...
Microsoft Azure
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UDACITY 1021 (CL4UDACITY1021...
Home > SQL databases > DB-development-208323 (sql-devdata-208323/DB-development-208323) > sql-devdata-208323 | Networking >
Create a private endpoint
1 Basics
2 Resource
3 Virtual Network
4 DNS
5 Tags
6 Review + create
Use private endpoints to privately connect to a service or resource. Your private endpoint must be in the same region as your virtual network, but can be in a different region from the private link resource that you are connecting to. Learn more
Project details
Subscription *
Udacity 1021
Resource group *
rg-devdata
Create new
Instance details
Name *
privateendpoint-project
Network Interface Name *
privateendpoint-project-nic
Region *
East US
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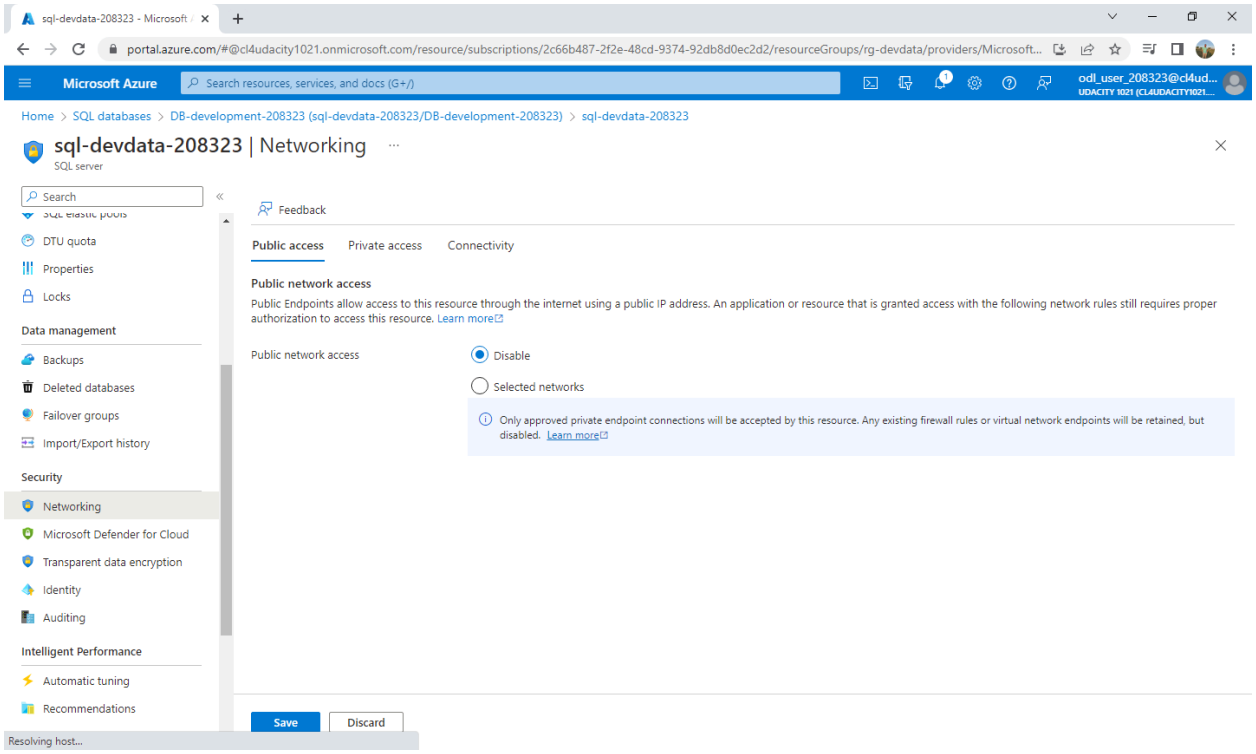

Create a private endpoint - Micro
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Home > SQL databases > DB-development-208323 (sql-devdata-208323/DB-development-208323) > sql-devdata-208323 | Networking >
Create a private endpoint
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6 Review + create
Private Link offers options to create private endpoints for different Azure resources, like your private link service, a SQL server, or an Azure storage account. Select which resource you would like to connect to using this private endpoint. Learn more
Subscription
Udacity 1021 (2c66b487-2f2e-48cd-9374-92db8d0ec2d2)
Resource type
Microsoft.Sql/servers
Resource
sql-devdata-208323
Target sub-resource *
sqlServer
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Next : Virtual Network >

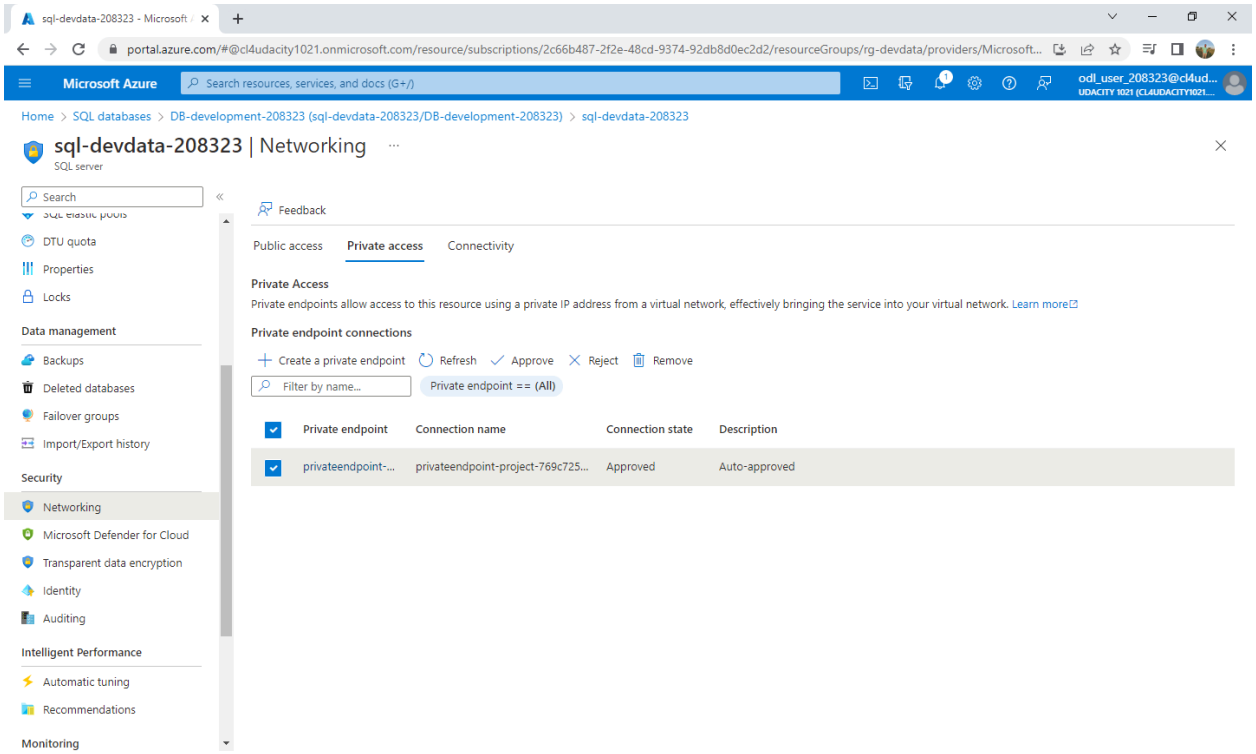

Create a private endpoint - Micro
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Microsoft Azure
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UDACITY 1021 (CL4UDACITY1021...
Home > SQL databases > DB-development-208323 (sql-devdata-208323/DB-development-208323) > sql-devdata-208323 | Networking >
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Networking
To deploy the private endpoint, select a virtual network subnet. Learn more
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Vnet-Dev
Subnet *
Vnet-Dev/default (10.2.0.0/24)
Network policy for private endpoints
Disabled (edit)
Private IP configuration
Dynamically allocate IP address
Statically allocate IP address
Application security group
Configure network security as a natural extension of an application's structure. ASG allows you to group virtual machines and define network security policies based on those groups. You can specify an application security group as the source or destination in an NSG security rule Learn more
Create
Application security group
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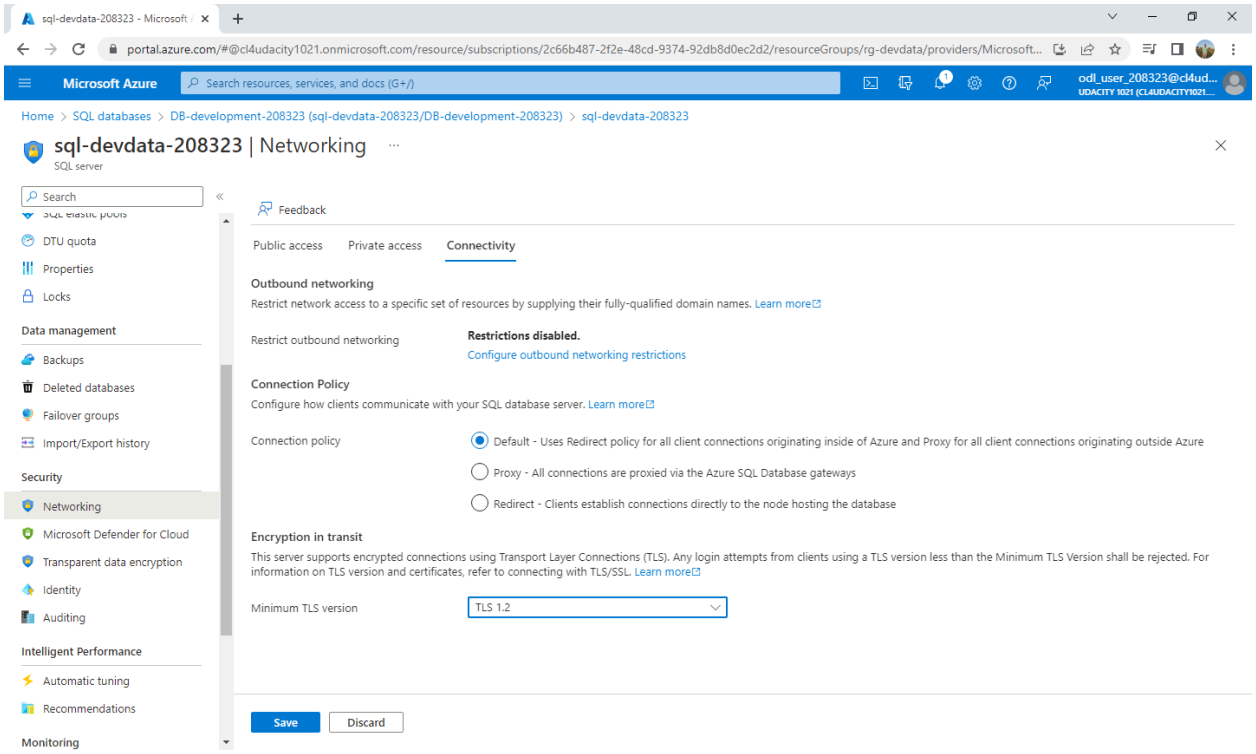

Create a private endpoint - Micro
portal.azure.com/#view/Microsoft_Azure_Network/CreatePrivateEndpointBlade/resourceId/%2Fsubscriptions%2F2c66b487-2f2e-48cd-9374-92db8d0ec2d2%2FresourceG...
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Private DNS integration
To connect privately with your private endpoint, you need a DNS record. We recommend that you integrate your private endpoint with a private DNS zone. You can also utilize your own DNS servers or create DNS records using the host files on your virtual machines. Learn more
Integrate with private DNS zone
Yes
No
Configuration name
Subscription
Resource group
Private DNS zone
privatelink-database-win...
Udacity 1021
rg-dev
(new) privatelink.databas...
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Next : Tags >

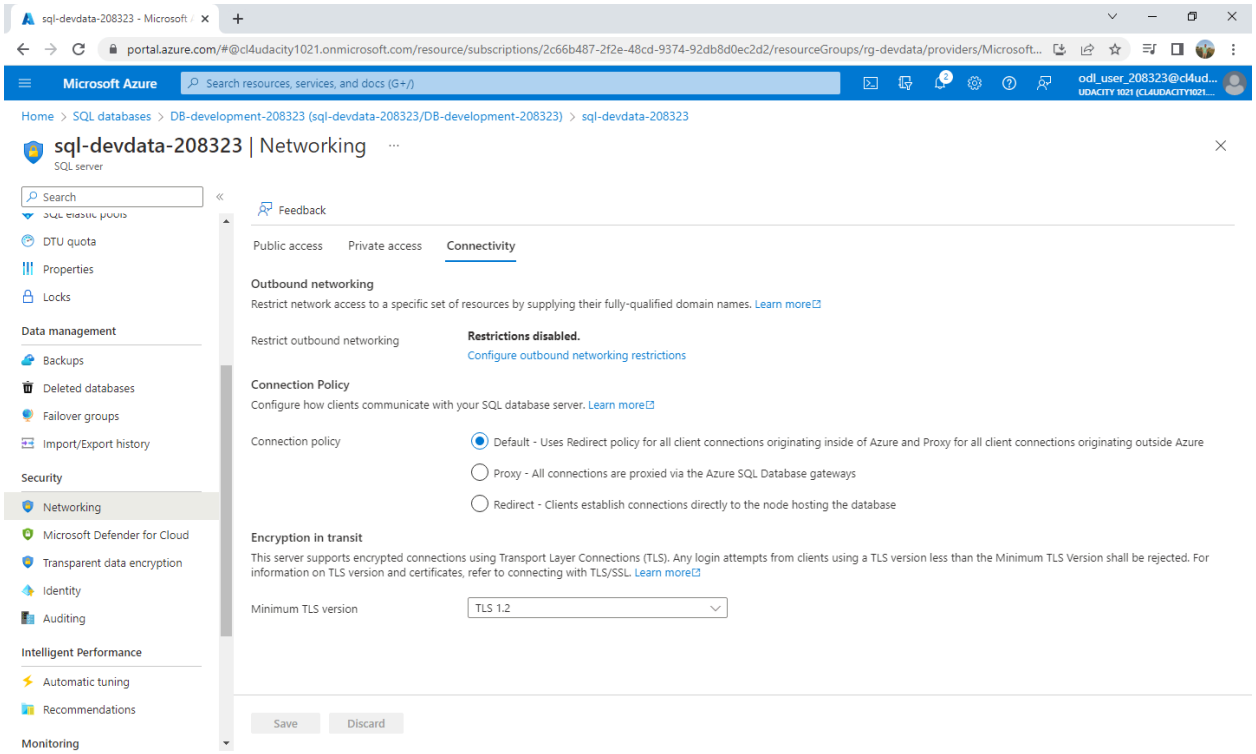

Create a private endpoint - Micro
portal.azure.com/#view/Microsoft_Azure_Network/CreatePrivateEndpointBlade/resourceId/%2Fsubscriptions%2F2c66b487-2f2e-48cd-9374-92db8d0ec2d2%2FresourceG...
Microsoft Azure
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Subscription Udacity 1021
Resource group rg-devdata
Region East US
Name privateendpoint-project
Network Interface Name privateendpoint-project-nic
Resource
Subscription ID 2c66b487-2f2e-48cd-9374-92db8d0ec2d2 (Udacity 1021)
Link type Microsoft.Sql/servers
Resource group rg-devdata
Resource sql-devdata-208323
Target sub-resource sqlServer
Virtual Network
Virtual network resource group rg-dev
Virtual network Vnet-Dev
Subnet Vnet-Dev/default (10.2.0.0/24)
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Download a template for automation

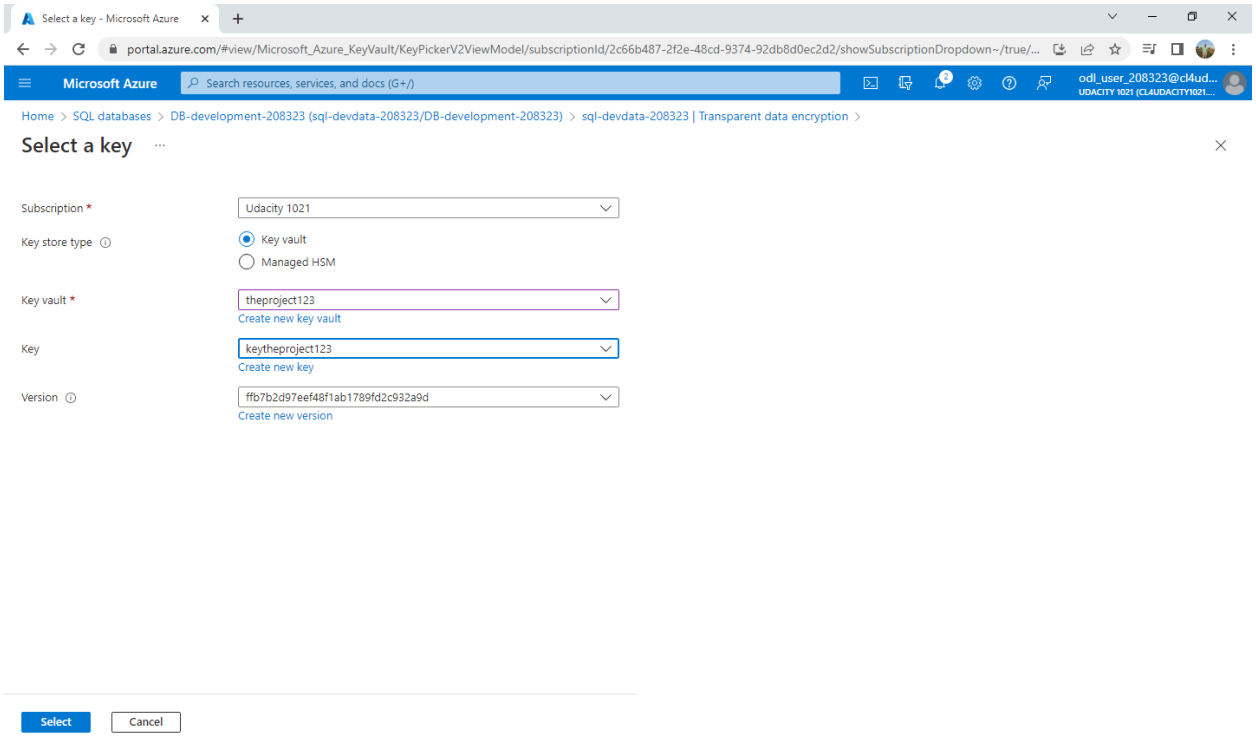

privateendpoint-project - Micros
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Microsoft Azure
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odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Microsoft.PrivateEndpoint-20220925214743 | Overview >
privateendpoint-project
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Essentials
JSON View
Resource group (move) : rg-devdata
Location : East US
Subscription (move) : Udacity 1021
Subscription ID : 2c66b487-2f2e-48cd-9374-92db8d0ec2d2
Provisioning state : Succeeded
Virtual network/subnet : Vnet-Dev/default
Network interface : privateendpoint-project-nic
Private link resource : sql-devdata-208323
Target sub-resource : sqlServer
Connection status : Approved
Request/Response : Auto-approved
Tags (edit) : Click here to add tags

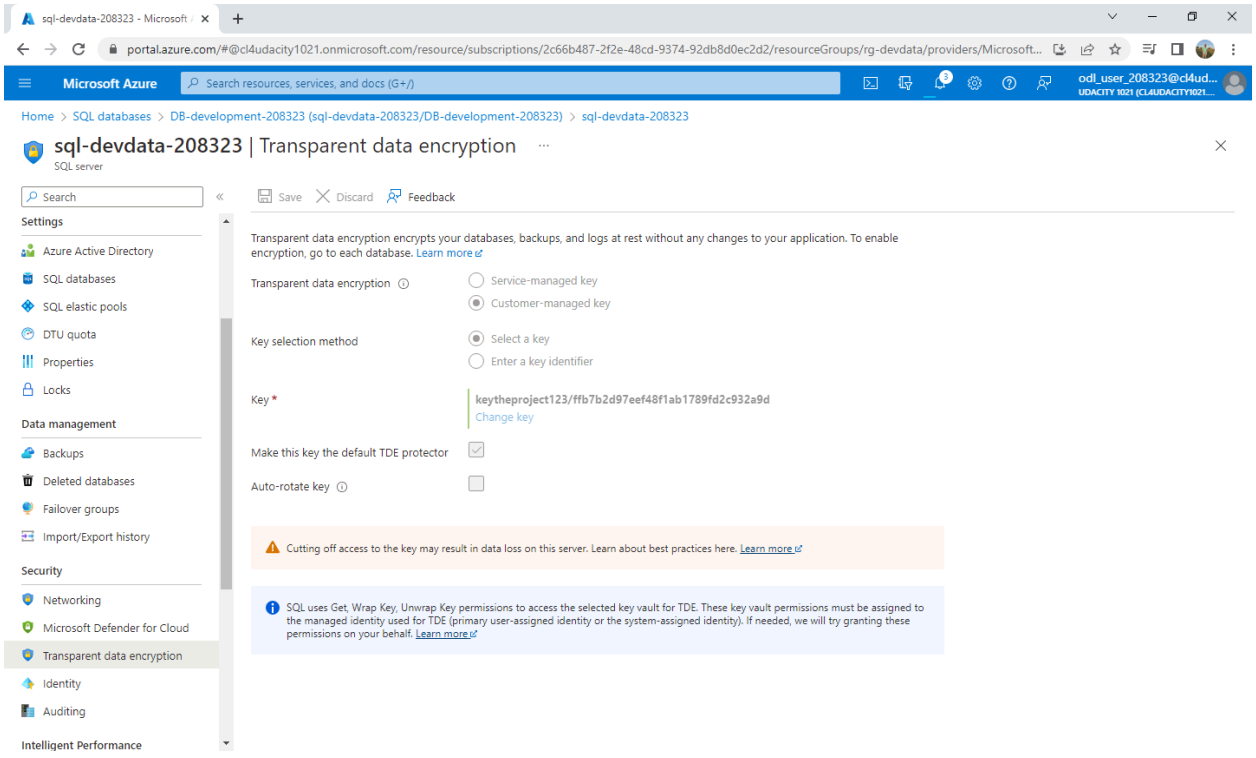

sql-devdata-208323 - Microsoft
portal.azure.com/#@cl4udacity1021.onmicrosoft.com/resource/subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups/rg-devdata/providers/Microsoft...
Microsoft Azure
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odl_user_208323@cl4ud...
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Transparent data encryption
Identity
Auditing
Intelligent Performance
Automatic tuning
Recommendations
Feedback
Public access
Private access
Connectivity
Public network access
Public Endpoints allow access to this resource through the internet using a public IP address. An application or resource that is granted access with the following network rules still requires proper authorization to access this resource. Learn more
Public network access
Disable
Selected networks
Only approved private endpoint connections will be accepted by this resource. Any existing firewall rules or virtual network endpoints will be retained, but disabled. Learn more
Save
Discard
Resolving host...

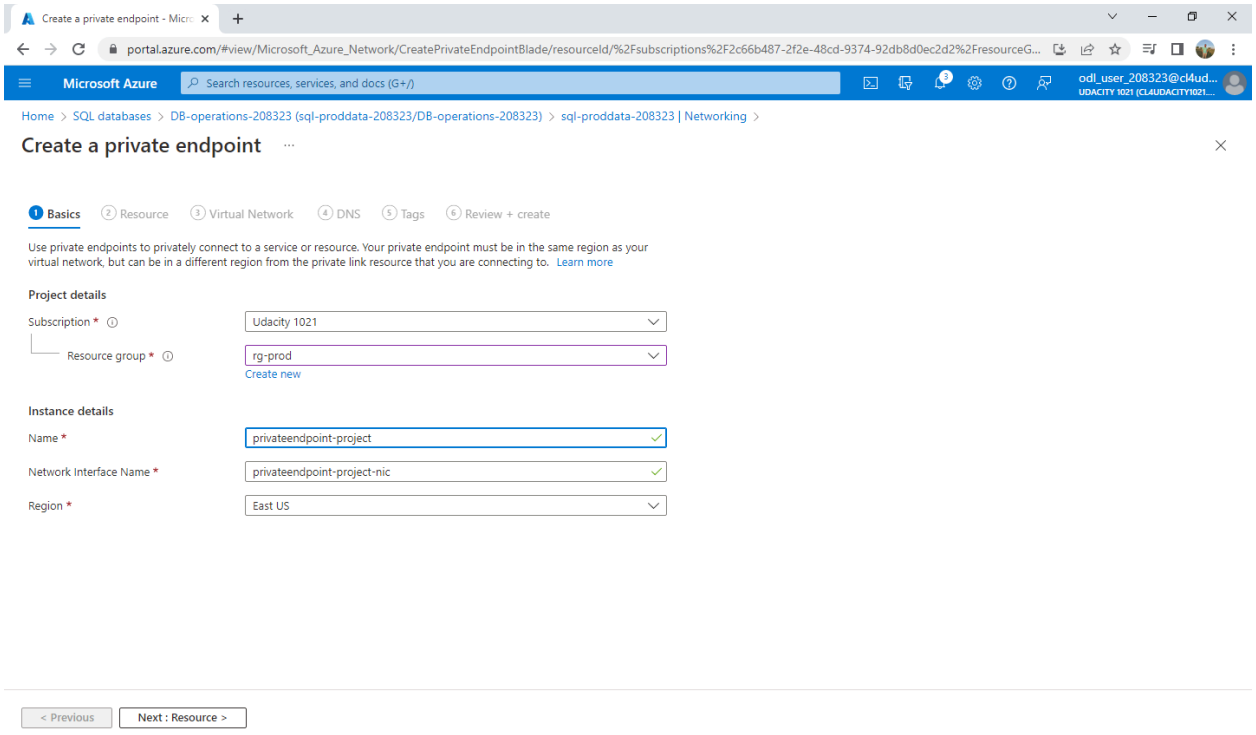

sql-devdata-208323 - Microsoft
portal.azure.com/#@cl4udacity1021.onmicrosoft.com/resource/subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups/rg-devdata/providers/Microsoft...
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Search resources, services, and docs (G+/)
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Intelligent Performance
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Private access
Connectivity
Private Access
Private endpoints allow access to this resource using a private IP address from a virtual network, effectively bringing the service into your virtual network. Learn more
Private endpoint connections
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Reject
Remove
Filter by name...
Private endpoint == (All)
Private endpoint
Connection name
Connection state
Description
privateendpoint-...
privateendpoint-project-769c725...
Approved
Auto-approved

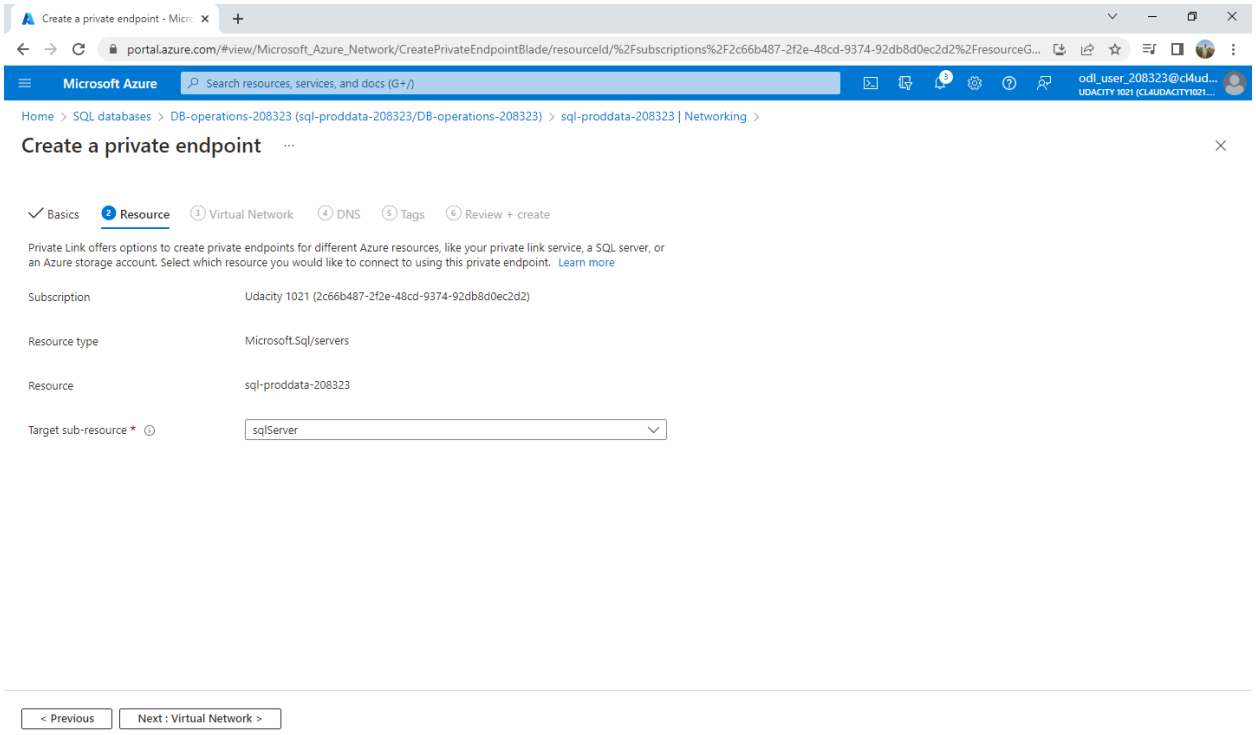

sql-devdata-208323 - Microsoft
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Microsoft Azure
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odl_user_208323@cl4ud...
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Home > SQL databases > DB-development-208323 (sql-devdata-208323/DB-development-208323) > sql-devdata-208323
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DTU quota
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Import/Export history
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Networking
Microsoft Defender for Cloud
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Identity
Auditing
Intelligent Performance
Automatic tuning
Recommendations
Monitoring
Feedback
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Private access
Connectivity
Outbound networking
Restrict network access to a specific set of resources by supplying their fully-qualified domain names. Learn more
Restrict outbound networking
Restrictions disabled.
Configure outbound networking restrictions
Connection Policy
Configure how clients communicate with your SQL database server. Learn more
Connection policy
Default - Uses Redirect policy for all client connections originating inside of Azure and Proxy for all client connections originating outside Azure
Proxy - All connections are proxied via the Azure SQL Database gateways
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This server supports encrypted connections using Transport Layer Connections (TLS). Any login attempts from clients using a TLS version less than the Minimum TLS Version shall be rejected. For information on TLS version and certificates, refer to connecting with TLS/SSL. Learn more
Minimum TLS version
TLS 1.2
Save
Discard

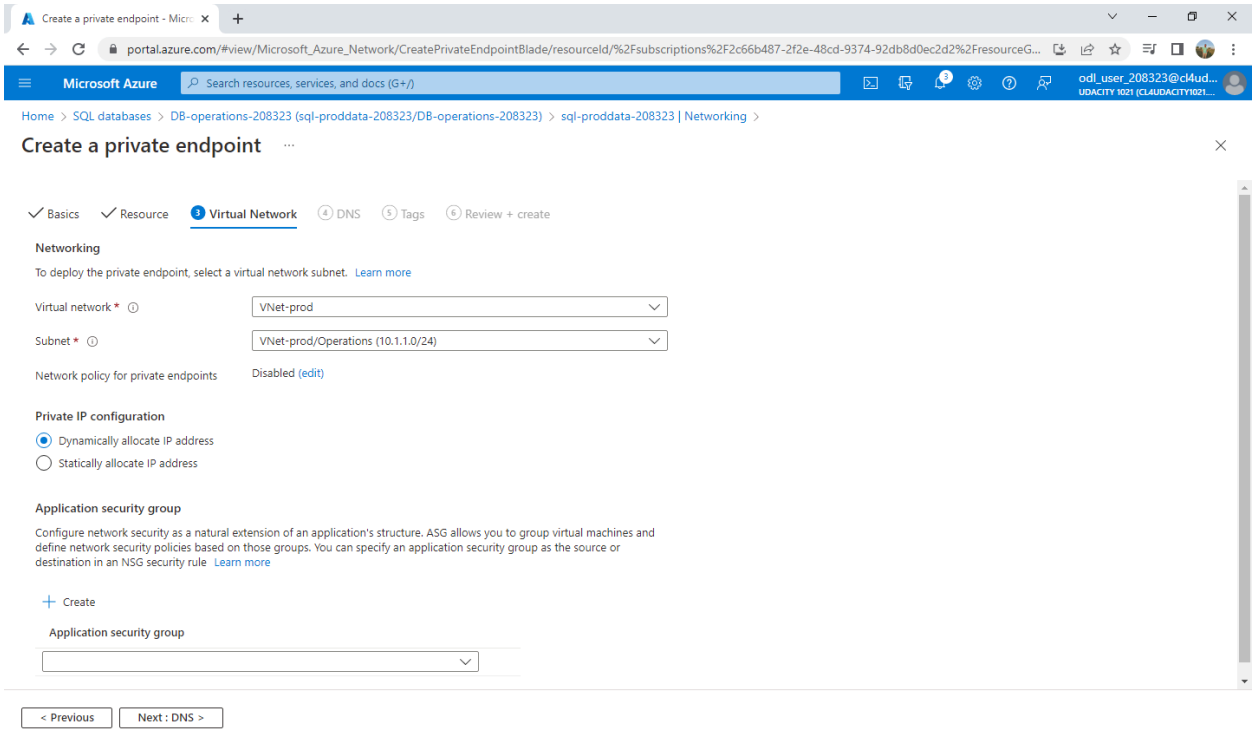

sql-devdata-208323 - Microsoft
portal.azure.com/#@cl4udacity1021.onmicrosoft.com/resource/subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups/rg-devdata/providers/Microsoft...
Microsoft Azure
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UDACITY 1021 (CL4UDACITY1021...
Home > SQL databases > DB-development-208323 (sql-devdata-208323/DB-development-208323) > sql-devdata-208323
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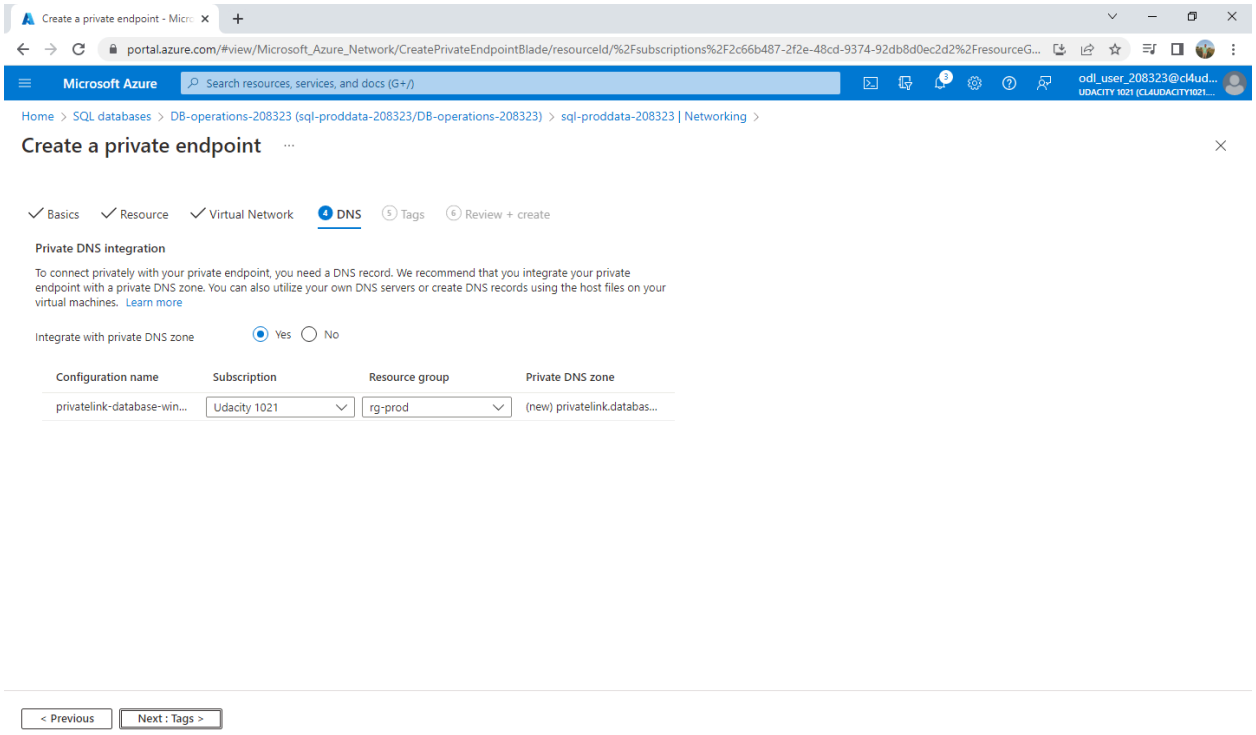

Select a key - Microsoft Azure
portal.azure.com/#view/Microsoft_Azure_KeyVault/KeyPickerV2ViewModel/subscriptionId/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/showSubscriptionDropdown~/true/...
Microsoft Azure
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UDACITY 1021 (CL4UDACITY1021...
Home > SQL databases > DB-development-208323 (sql-devdata-208323/DB-development-208323) > sql-devdata-208323 | Transparent data encryption >
Select a key
Subscription *
Udacity 1021
Key store type
Key vault
Managed HSM
Key vault *
theproject123
Create new key vault
Key
keytheproject123
Create new key
Version
ffb7b2d97eef48f1ab1789fd2c932a9d
Create new version
Select
Cancel

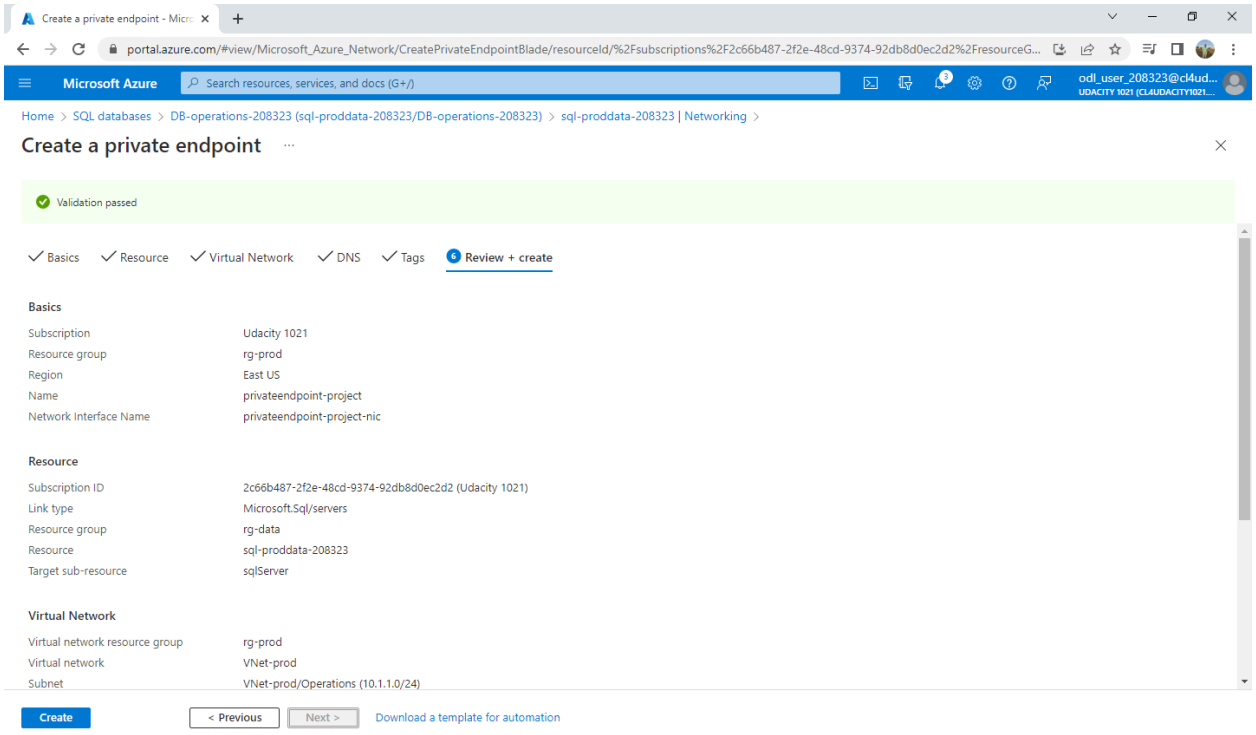

sql-devdata-208323 - Microsoft
portal.azure.com/#@cl4udacity1021.onmicrosoft.com/resource/subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups/rg-devdata/providers/Microsoft...
Microsoft Azure
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UDACITY 1021 (CL4UDACITY1021...
Home > SQL databases > DB-development-208323 (sql-devdata-208323/DB-development-208323) > sql-devdata-208323
sql-devdata-208323 | Transparent data encryption
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Networking
Microsoft Defender for Cloud
Transparent data encryption
Identity
Auditing
Intelligent Performance
Transparent data encryption encrypts your databases, backups, and logs at rest without any changes to your application. To enable encryption, go to each database. Learn more
Transparent data encryption
Service-managed key
Customer-managed key
Key selection method
Select a key
Enter a key identifier
Key *
keytheproject123/ffb7b2d97eef48f1ab1789fd2c932a9d
Change key
Make this key the default TDE protector
Auto-rotate key
Cutting off access to the key may result in data loss on this server. Learn about best practices here. Learn more
SQL uses Get, Wrap Key, Unwrap Key permissions to access the selected key vault for TDE. These key vault permissions must be assigned to the managed identity used for TDE (primary user-assigned identity or the system-assigned identity). If needed, we will try granting these permissions on your behalf. Learn more

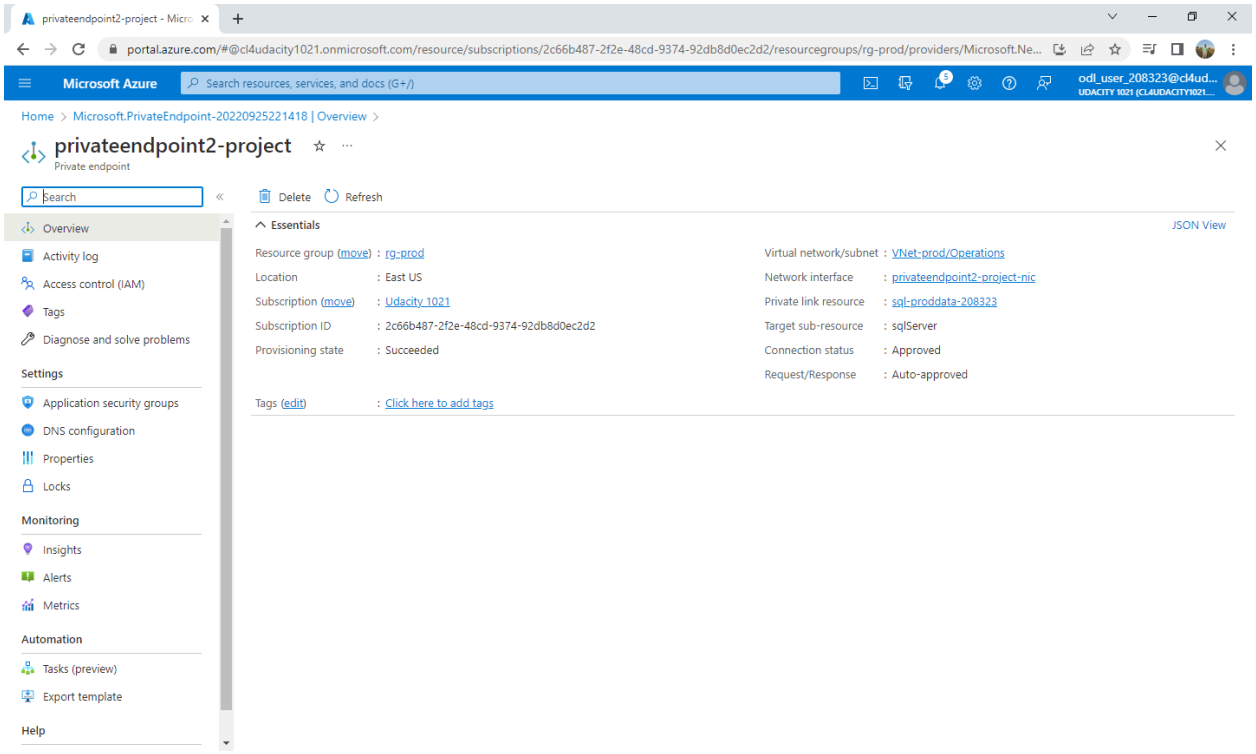

Create a private endpoint - Micro
portal.azure.com/#view/Microsoft_Azure_Network/CreatePrivateEndpointBlade/resourceId/%2Fsubscriptions%2F2c66b487-2f2e-48cd-9374-92db8d0ec2d2%2FresourceG...
Microsoft Azure
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UDACITY 1021 (CL4UDACITY1021...
Home > SQL databases > DB-operations-208323 (sql-proddata-208323/DB-operations-208323) > sql-proddata-208323 | Networking >
Create a private endpoint
Basics
Resource
Virtual Network
DNS
Tags
Review + create
Use private endpoints to privately connect to a service or resource. Your private endpoint must be in the same region as your virtual network, but can be in a different region from the private link resource that you are connecting to. Learn more
Project details
Subscription *
Udacity 1021
Resource group *
rg-prod
Create new
Instance details
Name *
privateendpoint-project
Network Interface Name *
privateendpoint-project-nic
Region *
East US
< Previous
Next : Resource >

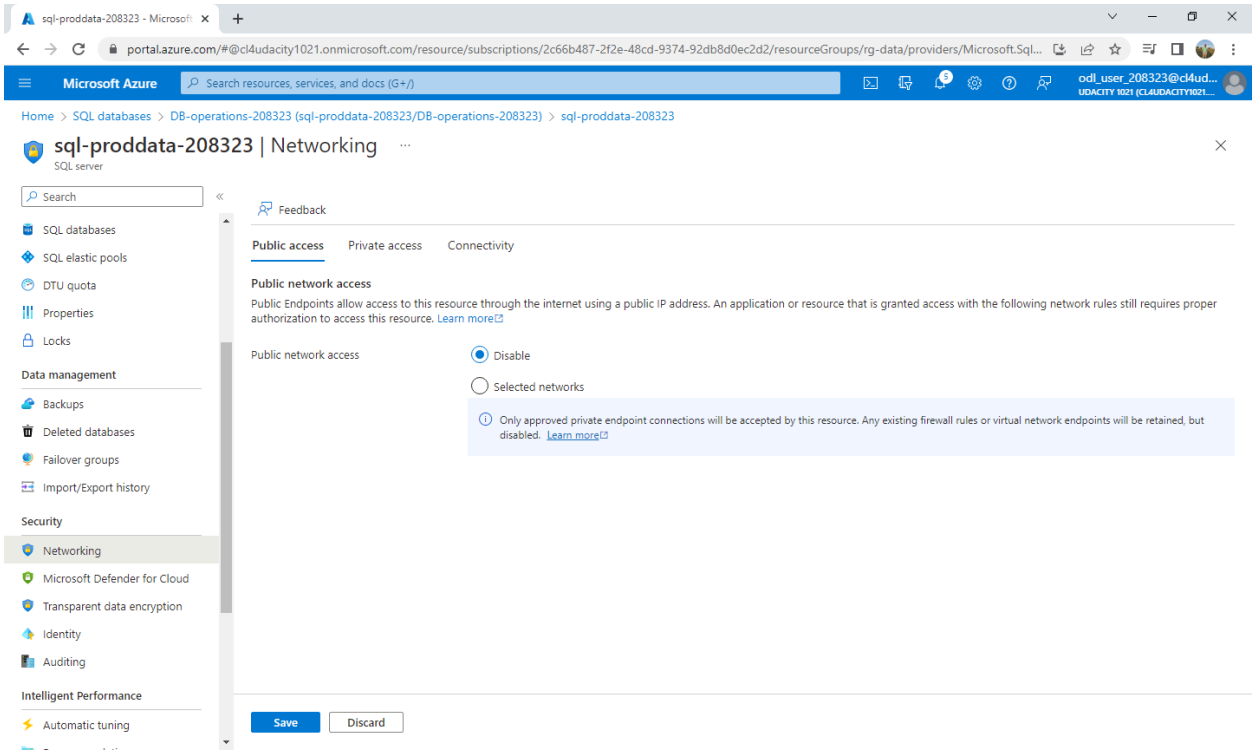

Create a private endpoint - Micro
portal.azure.com/#view/Microsoft_Azure_Network/CreatePrivateEndpointBlade/resourceId/%2Fsubscriptions%2F2c66b487-2f2e-48cd-9374-92db8d0ec2d2%2FresourceG...
Microsoft Azure
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Home > SQL databases > DB-operations-208323 (sql-proddata-208323/DB-operations-208323) > sql-proddata-208323 | Networking >
Create a private endpoint
Basics
Resource
Virtual Network
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Tags
Review + create
Private Link offers options to create private endpoints for different Azure resources, like your private link service, a SQL server, or an Azure storage account. Select which resource you would like to connect to using this private endpoint. Learn more
Subscription
Udacity 1021 (2c66b487-2f2e-48cd-9374-92db8d0ec2d2)
Resource type
Microsoft.Sql/servers
Resource
sql-proddata-208323
Target sub-resource *
sqlServer
< Previous
Next : Virtual Network >

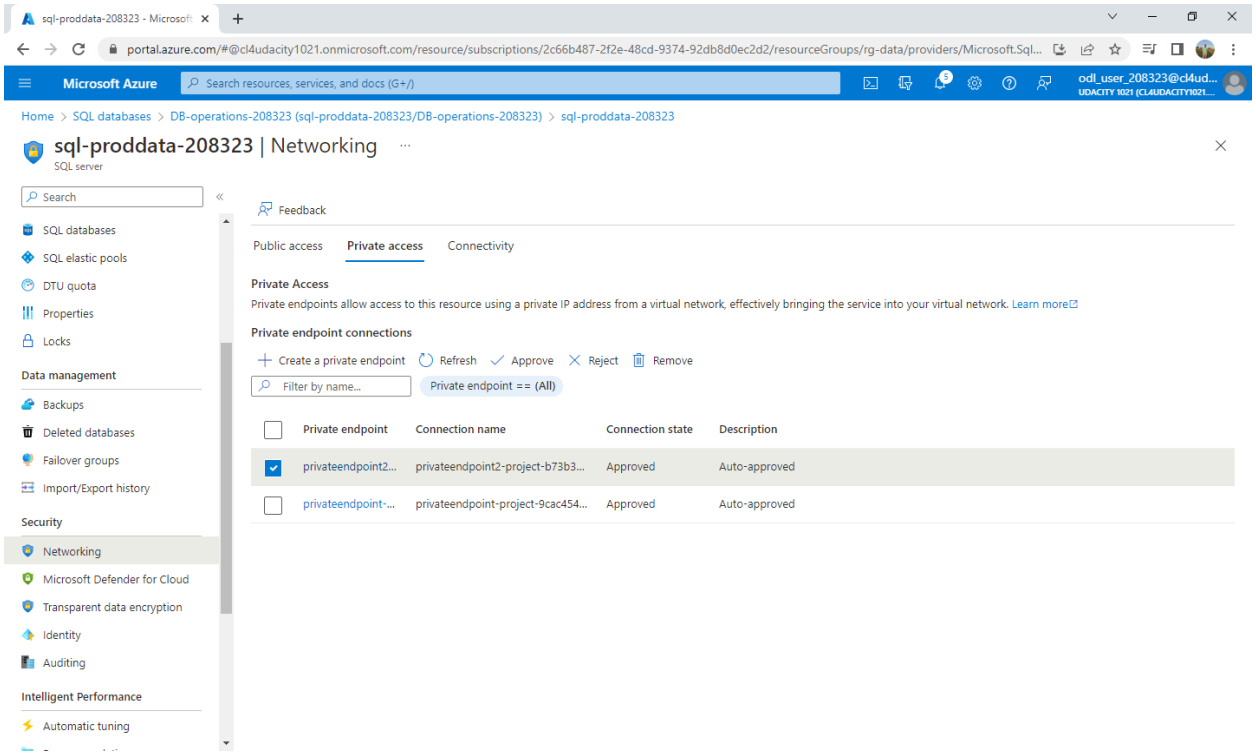

Create a private endpoint - Micro
portal.azure.com/#view/Microsoft_Azure_Network/CreatePrivateEndpointBlade/resourceId/%2Fsubscriptions%2F2c66b487-2f2e-48cd-9374-92db8d0ec2d2%2FresourceG...
Microsoft Azure
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UDACITY 1021 (CL4UDACITY1021...
Home > SQL databases > DB-operations-208323 (sql-proddata-208323/DB-operations-208323) > sql-proddata-208323 | Networking >
Create a private endpoint
Basics
Resource
3 Virtual Network
4 DNS
5 Tags
6 Review + create
Networking
To deploy the private endpoint, select a virtual network subnet. Learn more
Virtual network *
VNet-prod
Subnet *
VNet-prod/Operations (10.1.1.0/24)
Network policy for private endpoints
Disabled (edit)
Private IP configuration
Dynamically allocate IP address
Statically allocate IP address
Application security group
Configure network security as a natural extension of an application's structure. ASG allows you to group virtual machines and define network security policies based on those groups. You can specify an application security group as the source or destination in an NSG security rule Learn more
Create
Application security group
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Next : DNS >

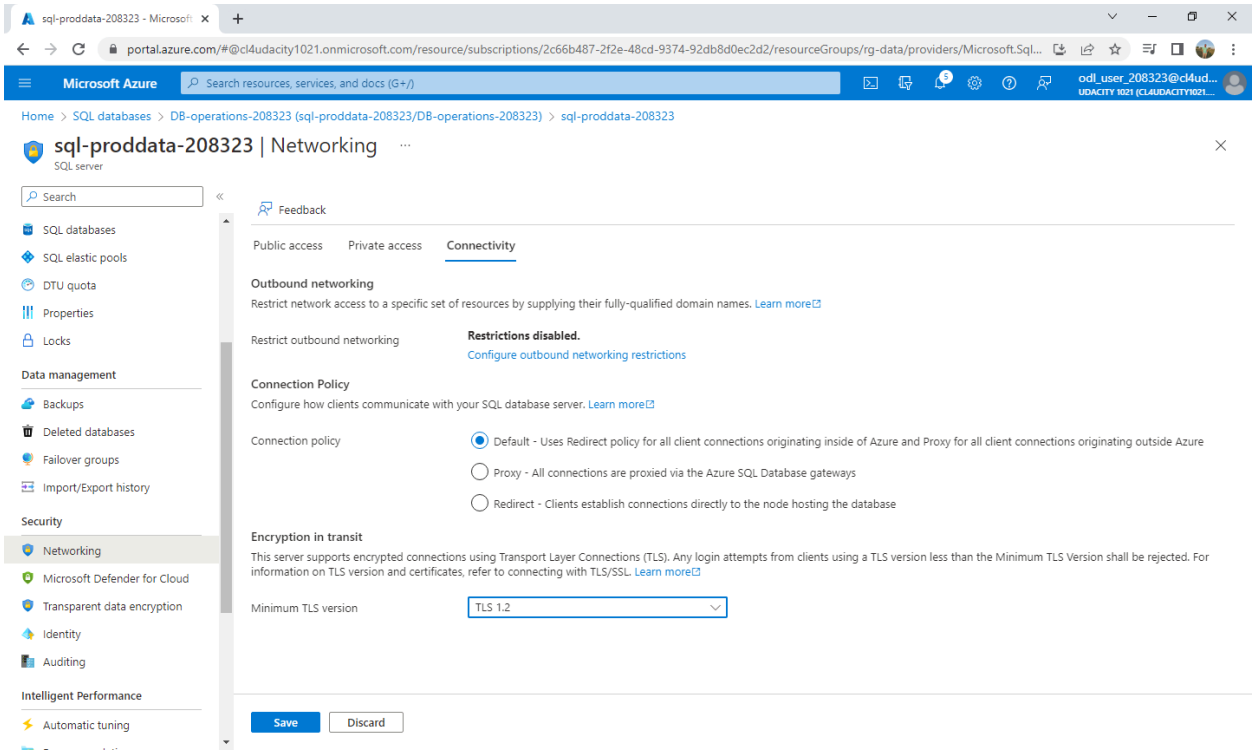

Create a private endpoint - Micro
portal.azure.com/#view/Microsoft_Azure_Network/CreatePrivateEndpointBlade/resourceId/%2Fsubscriptions%2F2c66b487-2f2e-48cd-9374-92db8d0ec2d2%2FresourceG...
Microsoft Azure
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Home > SQL databases > DB-operations-208323 (sql-proddata-208323/DB-operations-208323) > sql-proddata-208323 | Networking >
Create a private endpoint
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4 DNS
5 Tags
6 Review + create
Private DNS integration
To connect privately with your private endpoint, you need a DNS record. We recommend that you integrate your private endpoint with a private DNS zone. You can also utilize your own DNS servers or create DNS records using the host files on your virtual machines. Learn more
Integrate with private DNS zone
Yes
No
Configuration name
Subscription
Resource group
Private DNS zone
privatelink-database-win...
Udacity 1021
rg-prod
(new) privatelink.databas...
< Previous
Next : Tags >

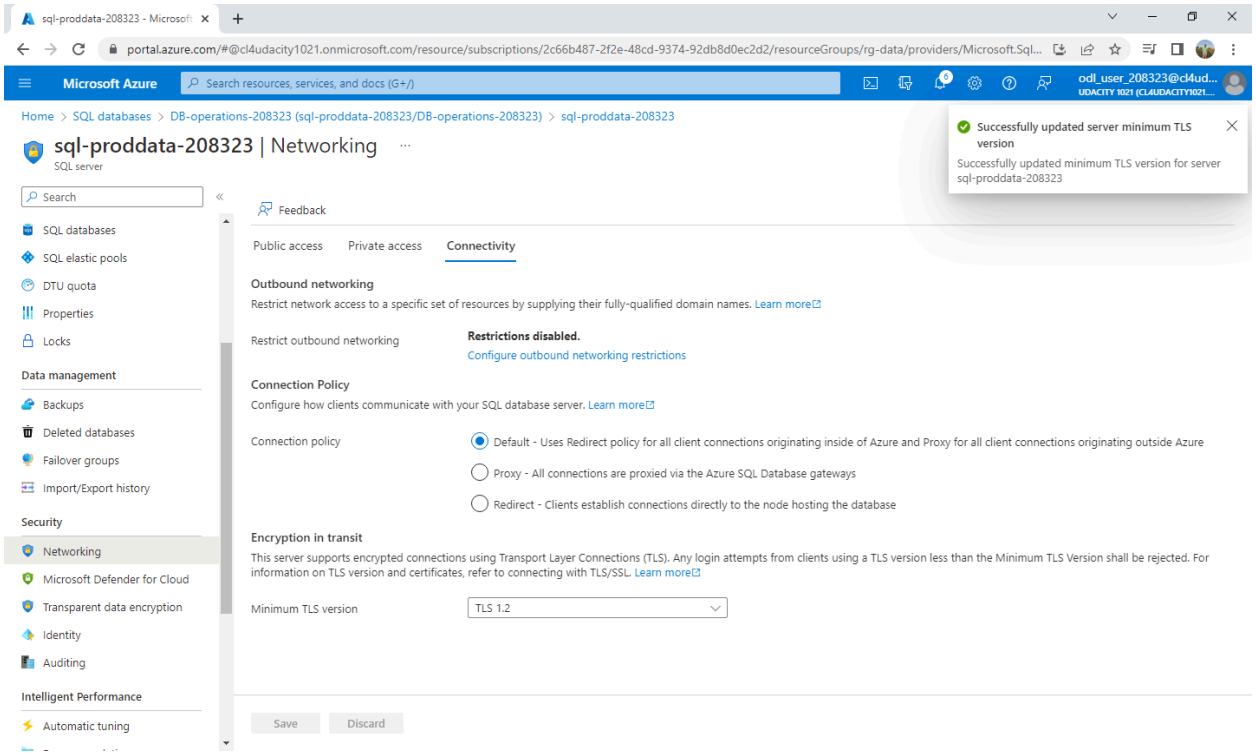

Create a private endpoint - Micro
portal.azure.com/#view/Microsoft_Azure_Network/CreatePrivateEndpointBlade/resourceId/%2Fsubscriptions%2F2c66b487-2f2e-48cd-9374-92db8d0ec2d2%2FresourceG...
Microsoft Azure
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Home > SQL databases > DB-operations-208323 (sql-proddata-208323/DB-operations-208323) > sql-proddata-208323 | Networking >
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Basics
Subscription Udacity 1021
Resource group rg-prod
Region East US
Name privateendpoint-project
Network Interface Name privateendpoint-project-nic
Resource
Subscription ID 2c66b487-2f2e-48cd-9374-92db8d0ec2d2 (Udacity 1021)
Link type Microsoft.Sql/servers
Resource group rg-data
Resource sql-proddata-208323
Target sub-resource sqlServer
Virtual Network
Virtual network resource group rg-prod
Virtual network VNet-prod
Subnet VNet-prod/Operations (10.1.1.0/24)
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Download a template for automation


privateendpoint2-project - Micro
portal.azure.com/#@cl4udacity1021.onmicrosoft.com/resource/subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourcegroups/rg-prod/providers/Microsoft.Ne...
Microsoft Azure
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odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Microsoft.PrivateEndpoint-20220925221418 | Overview >
privateendpoint2-project
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Activity log
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Tags
Diagnose and solve problems
Settings
Application security groups
DNS configuration
Properties
Locks
Monitoring
Insights
Alerts
Metrics
Automation
Tasks (preview)
Export template
Help
Essentials
JSON View
Resource group (move) : rg-prod
Location : East US
Subscription (move) : Udacity 1021
Subscription ID : 2c66b487-2f2e-48cd-9374-92db8d0ec2d2
Provisioning state : Succeeded
Virtual network/subnet : VNet-prod/Operations
Network interface : privateendpoint2-project-nic
Private link resource : sql-proddata-208323
Target sub-resource : sqlServer
Connection status : Approved
Request/Response : Auto-approved
Tags (edit) : Click here to add tags

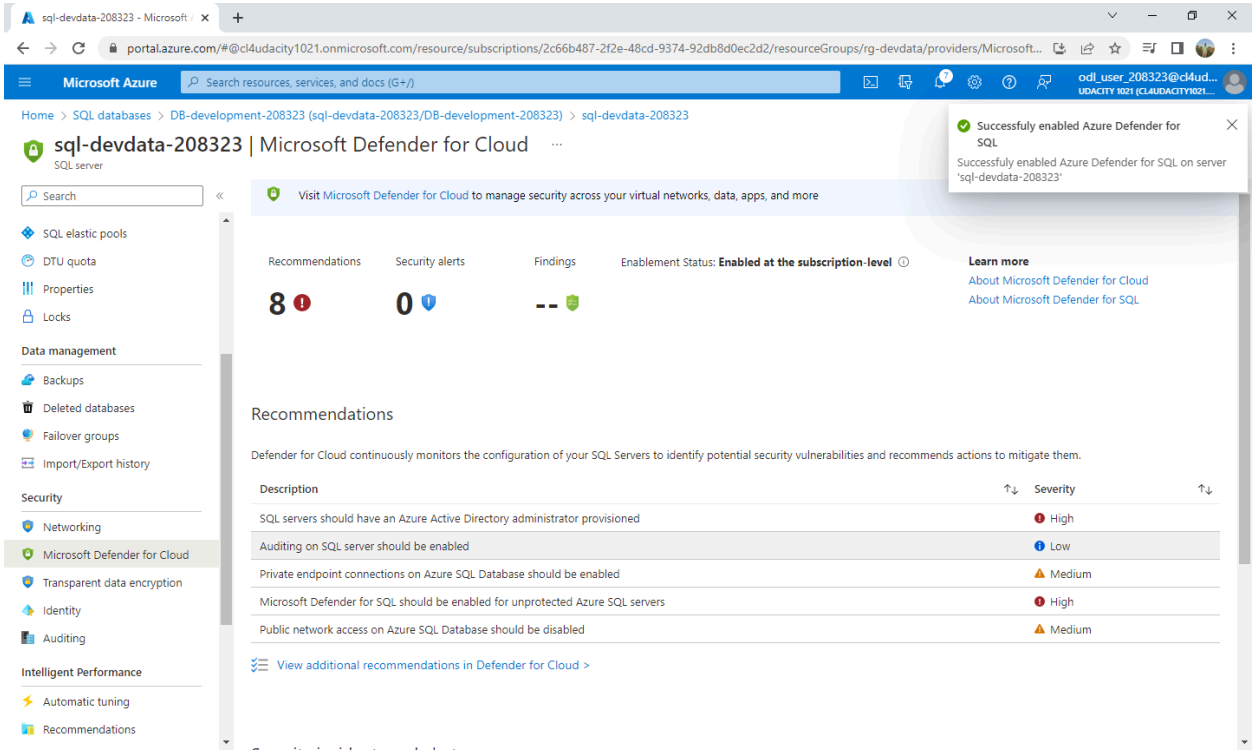

sql-proddata-208323 - Microsoft
portal.azure.com/#@cl4udacity1021.onmicrosoft.com/resource/subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups/rg-data/providers/Microsoft.Sql...
Microsoft Azure
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UDACITY 1021 (CL4UDACITY1021...
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Identity
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Intelligent Performance
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Feedback
Public access
Private access
Connectivity
Public network access
Public Endpoints allow access to this resource through the internet using a public IP address. An application or resource that is granted access with the following network rules still requires proper authorization to access this resource. Learn more
Public network access
Disable
Selected networks
Only approved private endpoint connections will be accepted by this resource. Any existing firewall rules or virtual network endpoints will be retained, but disabled. Learn more
Save
Discard

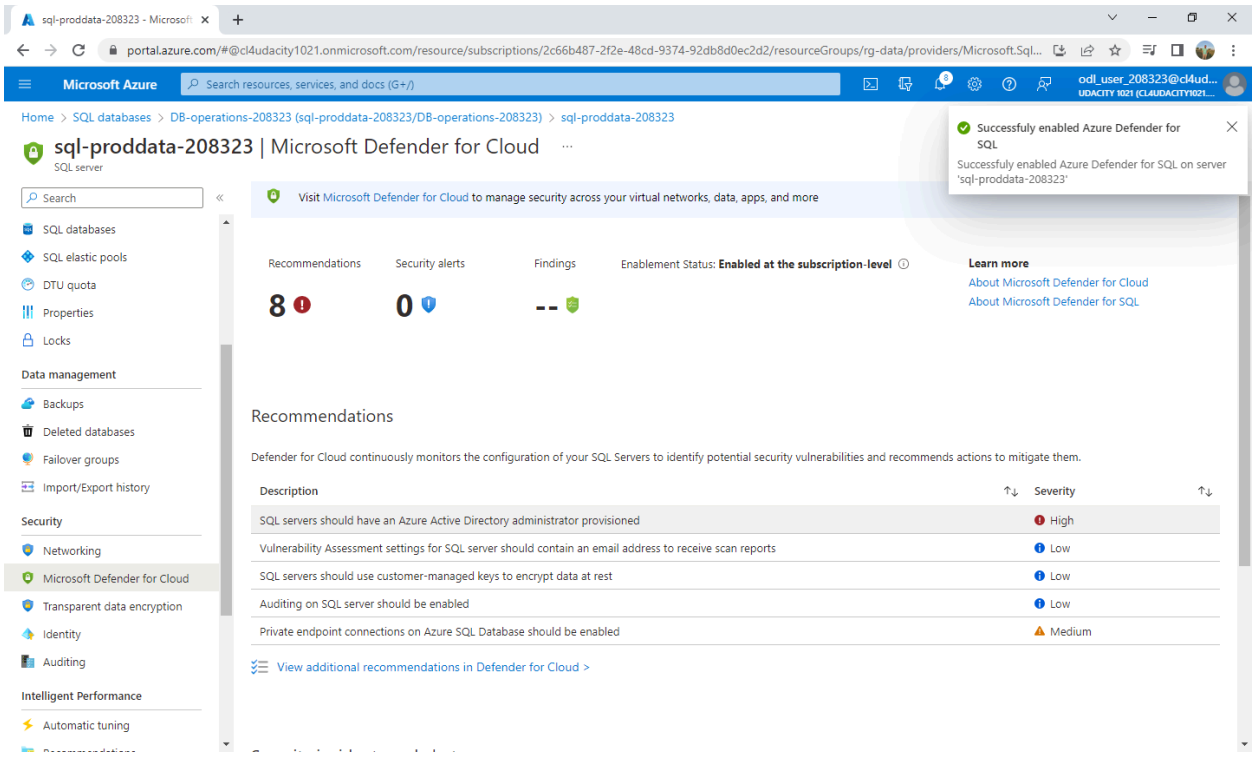

sql-proddata-208323 - Microsoft
portal.azure.com/#@cl4udacity1021.onmicrosoft.com/resource/subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups/rg-data/providers/Microsoft.Sql...
Microsoft Azure
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Transparent data encryption
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Feedback
Public access
Private access
Connectivity
Private Access
Private endpoints allow access to this resource using a private IP address from a virtual network, effectively bringing the service into your virtual network. Learn more
Private endpoint connections
Create a private endpoint
Refresh
Approve
Reject
Remove
Filter by name...
Private endpoint == (All)
Private endpoint
Connection name
Connection state
Description
privateendpoint2...
privateendpoint2-project-b73b3...
Approved
Auto-approved
privateendpoint-...
privateendpoint-project-9cac454...
Approved
Auto-approved


sql-proddata-208323 - Microsoft
portal.azure.com/#@cl4udacity1021.onmicrosoft.com/resource/subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups/rg-data/providers/Microsoft.Sql...
Microsoft Azure
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Minimum TLS version
TLS 1.2
Save
Discard

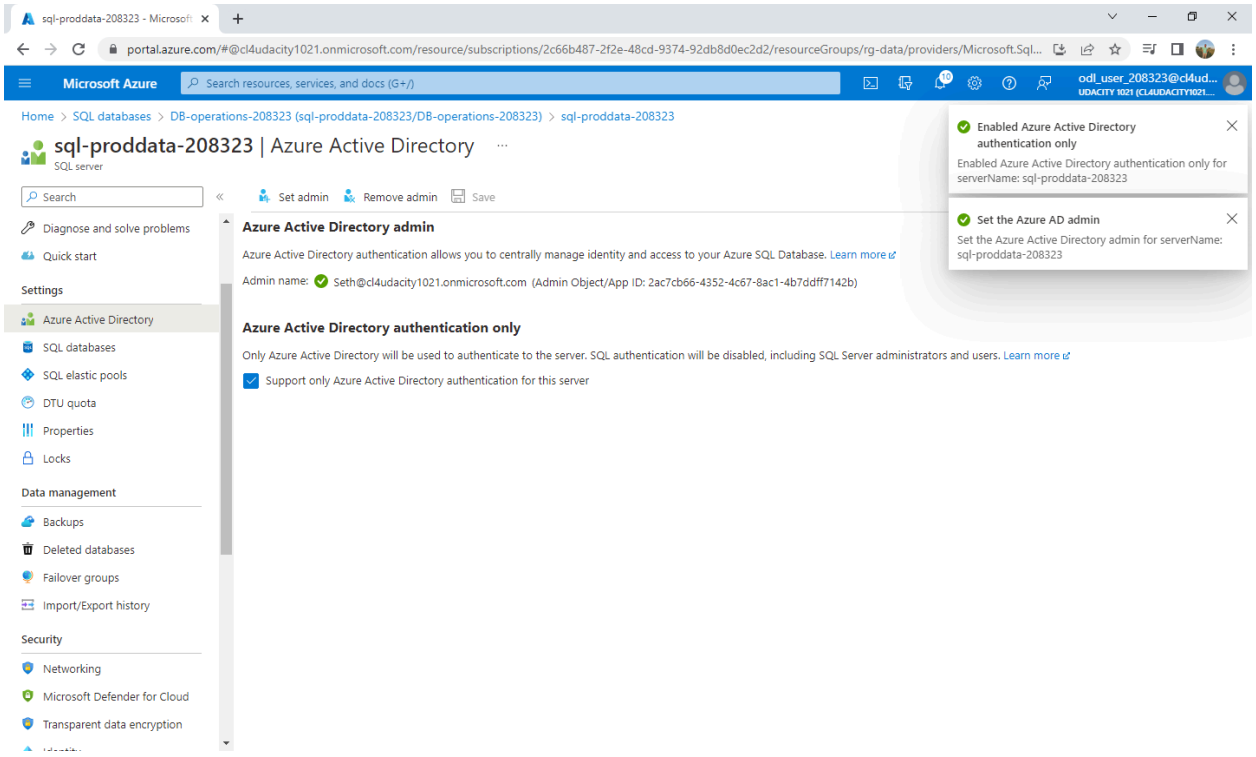

sql-proddata-208323 - Microsoft
portal.azure.com/#@cl4udacity1021.onmicrosoft.com/resource/subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups/rg-data/providers/Microsoft.Sql...
Microsoft Azure
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Home > SQL databases > DB-operations-208323 (sql-proddata-208323/DB-operations-208323) > sql-proddata-208323
Successfully updated server minimum TLS version
Successfully updated minimum TLS version for server sql-proddata-208323
sql-proddata-208323 | Networking
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TLS 1.2
Save
Discard

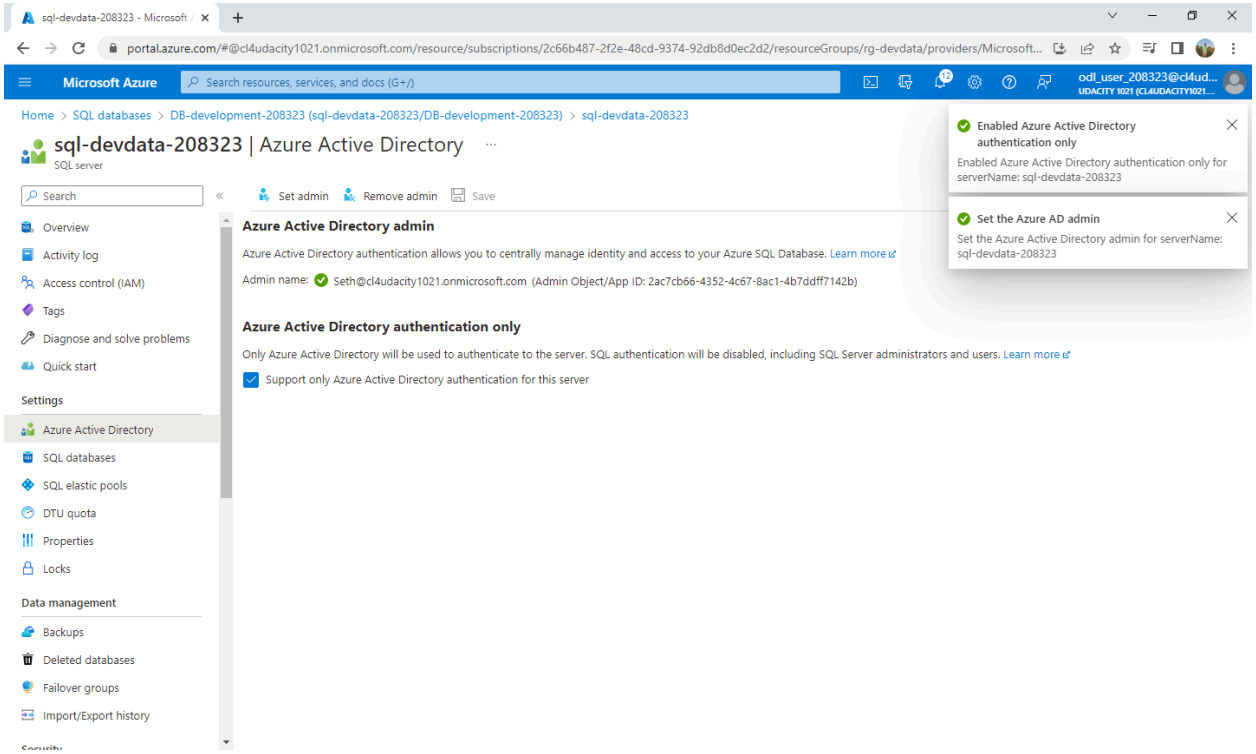
3. Proof of Azure Defender SQL server enabled(prod, dev)





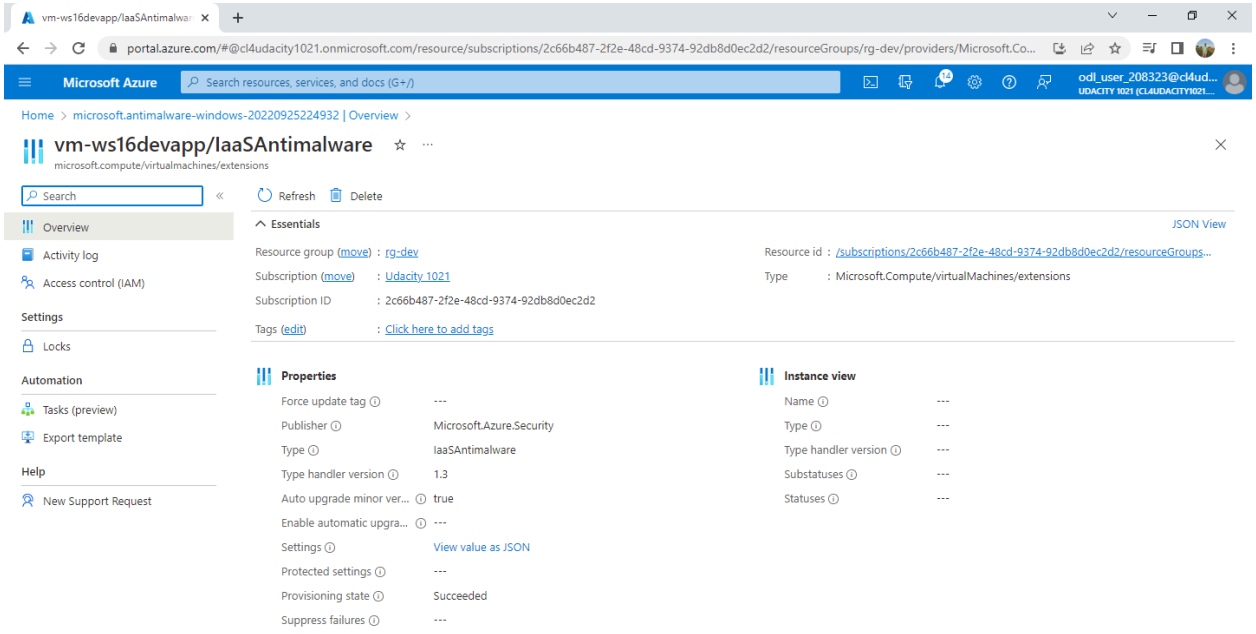
4. Proof of Azure AD authentication for SQL enabled(prod, dev)

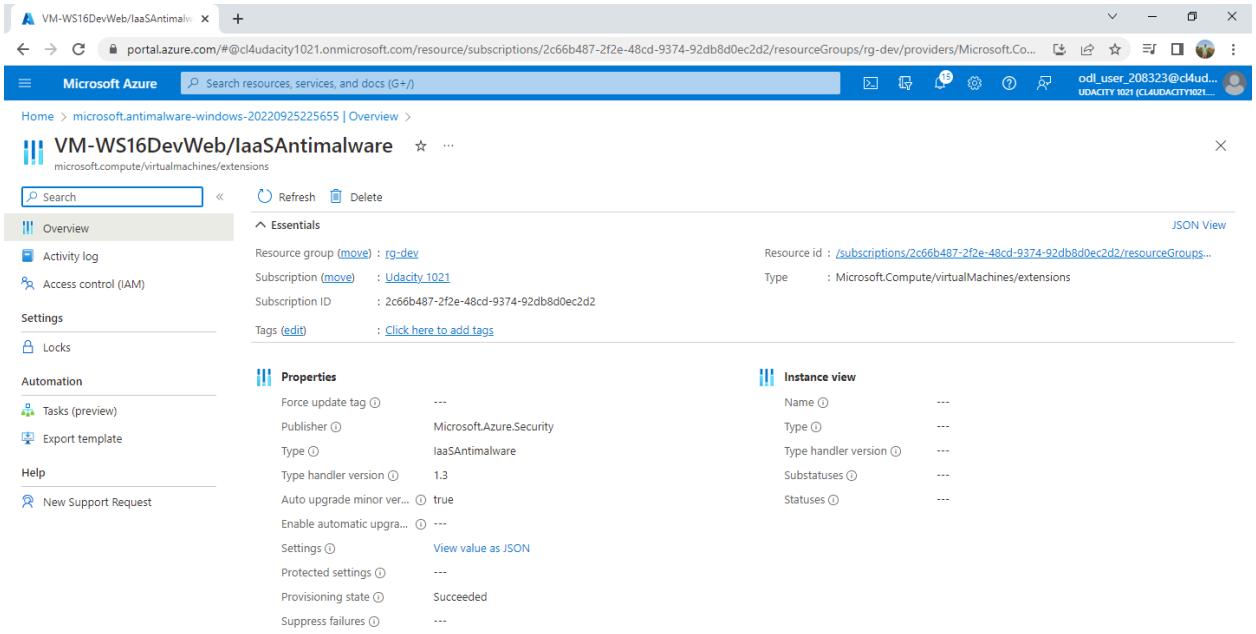


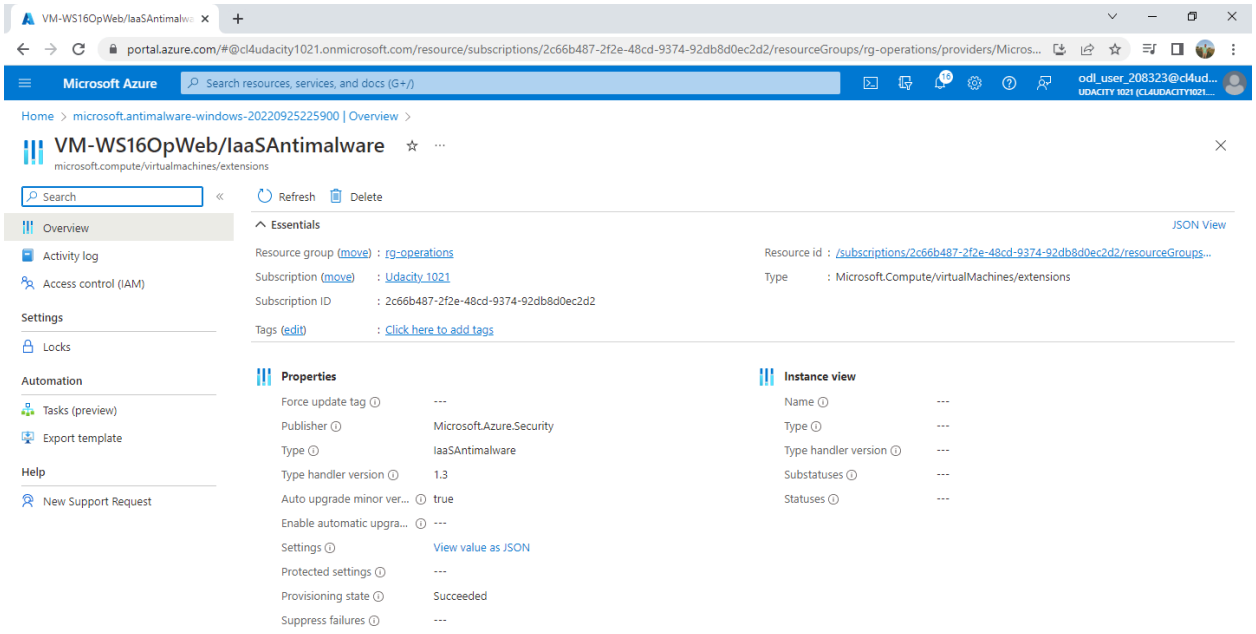


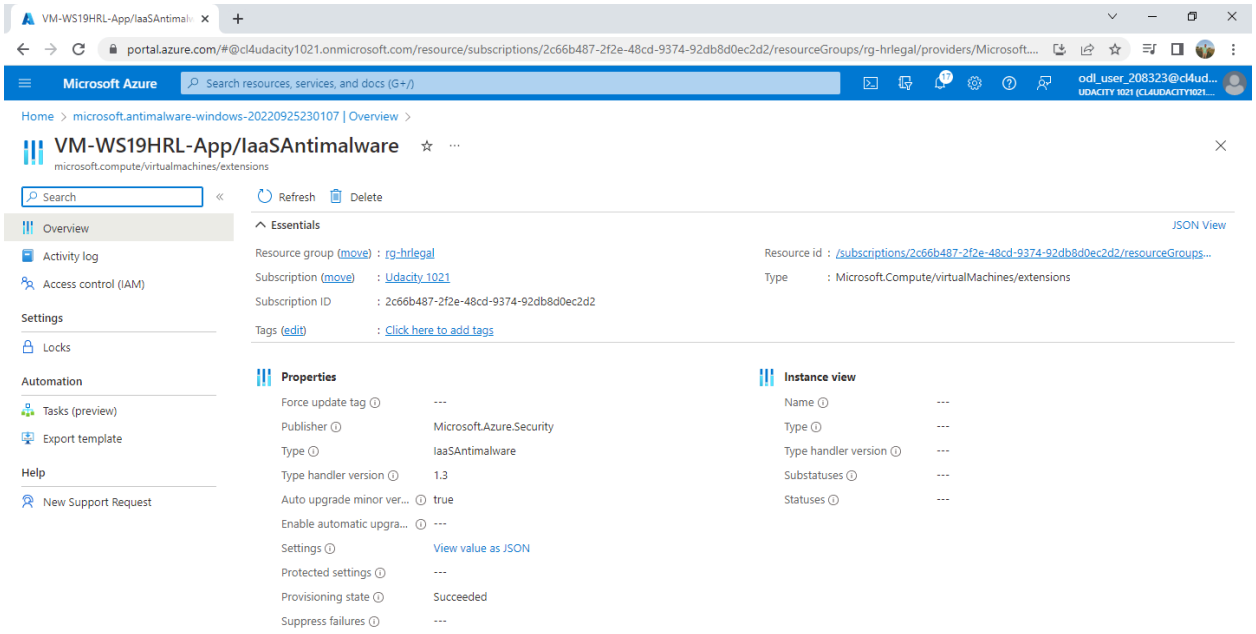
Cloud Protection

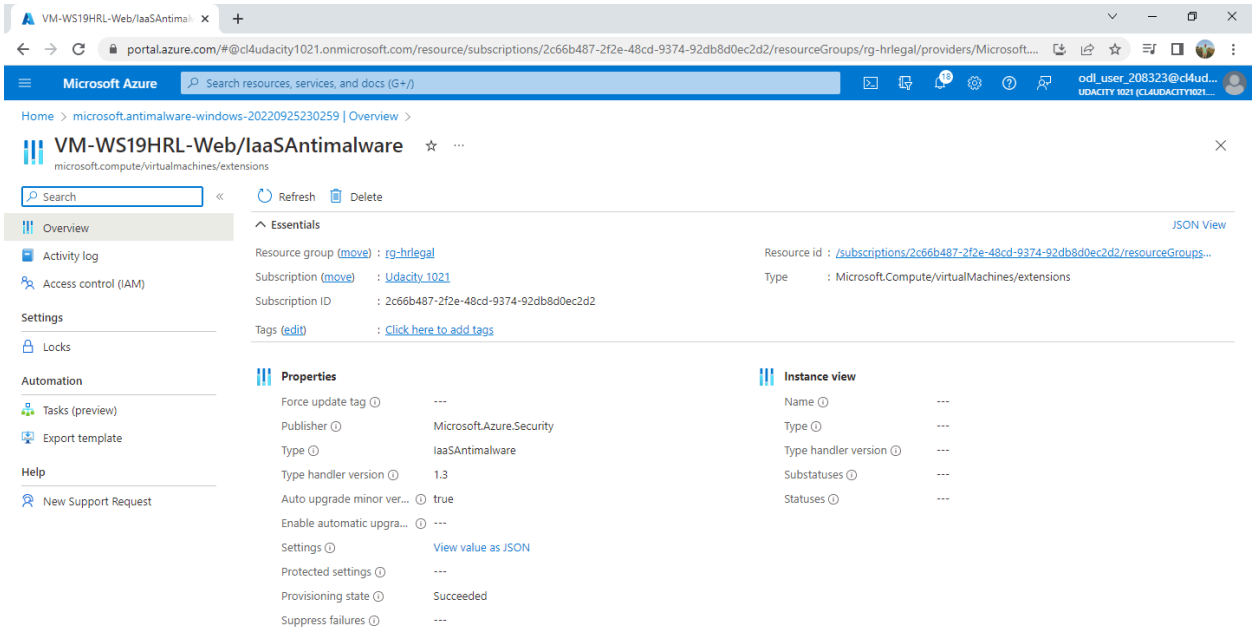
1. Proof of IaaSAntimalware enabled (devapp,DevWeb,OpApp,HRL-Web, HRL-App,OpWeb)

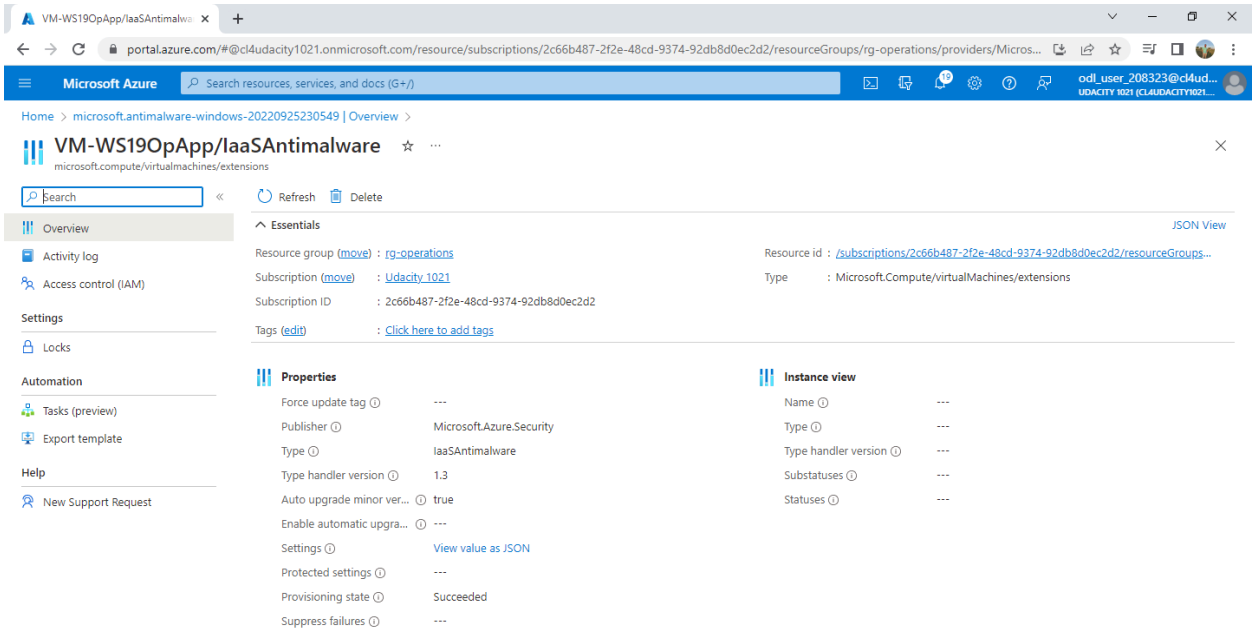




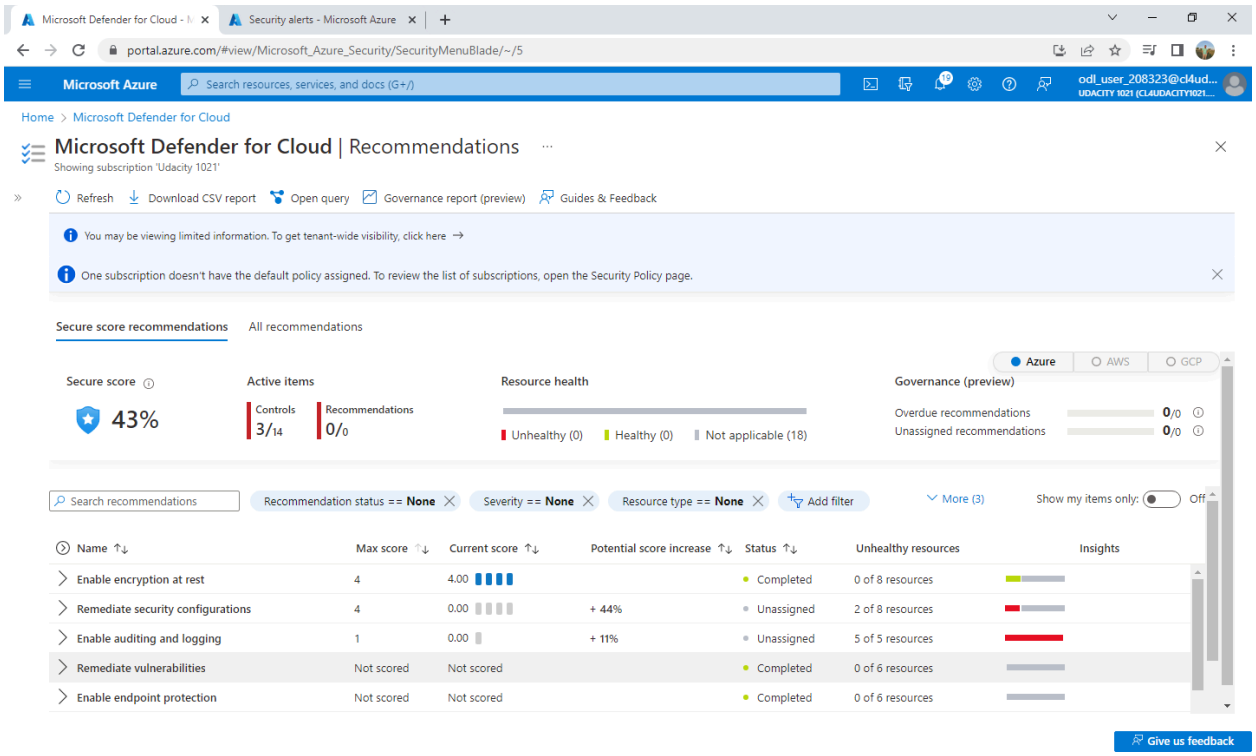

VM-WS16OpWeb/IaaSAntimalwa
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Microsoft Azure
Search resources, services, and docs (G+/)
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UDACITY 1021 (CL4UDACITY1021...
Home > microsoft.antimalware-windows-20220925225900 | Overview >
VM-WS16OpWeb/IaaSAntimalware
microsoft.compute/virtualmachines/extensions
Search
Overview
Activity log
Access control (IAM)
Settings
Locks
Automation
Tasks (preview)
Export template
Help
New Support Request
Refresh
Delete
Essentials
JSON View
Resource group (move) : rg-operations
Subscription (move) : Udacity 1021
Subscription ID : 2c66b487-2f2e-48cd-9374-92db8d0ec2d2
Tags (edit) : Click here to add tags
Resource id : /subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups...
Type : Microsoft.Compute/virtualMachines/extensions
Properties
Force update tag ---
Publisher Microsoft.Azure.Security
Type IaaSAntimalware
Type handler version 1.3
Auto upgrade minor ver... true
Enable automatic upgra... ---
Settings View value as JSON
Protected settings ---
Provisioning state Succeeded
Suppress failures ---
Instance view
Name ---
Type ---
Type handler version ---
Substatuses ---
Statuses ---


VM-WS19HRL-App/IaaSAntimal
portal.azure.com/#@cl4udacity1021.onmicrosoft.com/resource/subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups/rg-hrlegal/providers/Microsoft....
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > microsoft.antimalware-windows-20220925230107 | Overview >
VM-WS19HRL-App/IaaSAntimalware
microsoft.compute/virtualmachines/extensions
Search
Overview
Activity log
Access control (IAM)
Settings
Locks
Automation
Tasks (preview)
Export template
Help
New Support Request
Refresh
Delete
Essentials
JSON View
Resource group (move) : rg-hrlegal
Subscription (move) : Udacity 1021
Subscription ID : 2c66b487-2f2e-48cd-9374-92db8d0ec2d2
Tags (edit) : Click here to add tags
Resource id : /subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups...
Type : Microsoft.Compute/virtualMachines/extensions
Properties
Force update tag ---
Publisher Microsoft.Azure.Security
Type IaaSAntimalware
Type handler version 1.3
Auto upgrade minor ver... true
Enable automatic upgra... ---
Settings View value as JSON
Protected settings ---
Provisioning state Succeeded
Suppress failures ---
Instance view
Name ---
Type ---
Type handler version ---
Substatuses ---
Statuses ---


VM-WS19HRL-Web/IaaSAntimal
portal.azure.com/#@cl4udacity1021.onmicrosoft.com/resource/subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups/rg-hrlegal/providers/Microsoft....
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > microsoft.antimalware-windows-20220925230259 | Overview >
VM-WS19HRL-Web/IaaSAntimalware
microsoft.compute/virtualmachines/extensions
Search
Overview
Activity log
Access control (IAM)
Settings
Locks
Automation
Tasks (preview)
Export template
Help
New Support Request
Refresh
Delete
Essentials
JSON View
Resource group (move) : rg-hrlegal
Subscription (move) : Udacity 1021
Subscription ID : 2c66b487-2f2e-48cd-9374-92db8d0ec2d2
Tags (edit) : Click here to add tags
Resource id : /subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups...
Type : Microsoft.Compute/virtualMachines/extensions
Properties
Force update tag ---
Publisher Microsoft.Azure.Security
Type IaaSAntimalware
Type handler version 1.3
Auto upgrade minor ver... true
Enable automatic upgra... ---
Settings View value as JSON
Protected settings ---
Provisioning state Succeeded
Suppress failures ---
Instance view
Name ---
Type ---
Type handler version ---
Substatuses ---
Statuses ---


VM-WS19OpApp/IaaSAntimalwa
portal.azure.com/#@cl4udacity1021.onmicrosoft.com/resource/subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups/rg-operations/providers/Micros...
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > microsoft.antimalware-windows-20220925230549 | Overview >
VM-WS19OpApp/IaaSAntimalware
microsoft.compute/virtualmachines/extensions
Search
Overview
Activity log
Access control (IAM)
Settings
Locks
Automation
Tasks (preview)
Export template
Help
New Support Request
Refresh
Delete
Essentials
JSON View
Resource group (move) : rg-operations
Subscription (move) : Udacity 1021
Subscription ID : 2c66b487-2f2e-48cd-9374-92db8d0ec2d2
Tags (edit) : Click here to add tags
Resource id : /subscriptions/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroups...
Type : Microsoft.Compute/virtualMachines/extensions
Properties
Force update tag ---
Publisher Microsoft.Azure.Security
Type IaaSAntimalware
Type handler version 1.3
Auto upgrade minor ver... true
Enable automatic upgra... ---
Settings View value as JSON
Protected settings ---
Provisioning state Succeeded
Suppress failures ---
Instance view
Name ---
Type ---
Type handler version ---
Substatuses ---
Statuses ---

2. Recommendations



As listed in the screenshot above, there are three scored recommendation which should be resolved.

1- Enable encryption at rest: virtual machines and SQL databases must be encrypted in a secured environment.

2- Remediate security configurations: log analytics agent should be installed on virtual machines, machines should be configured securely, vulnerabilities in security configuration on your windows machines should be remediated, and SQL servers should have vulnerability assessment configured.

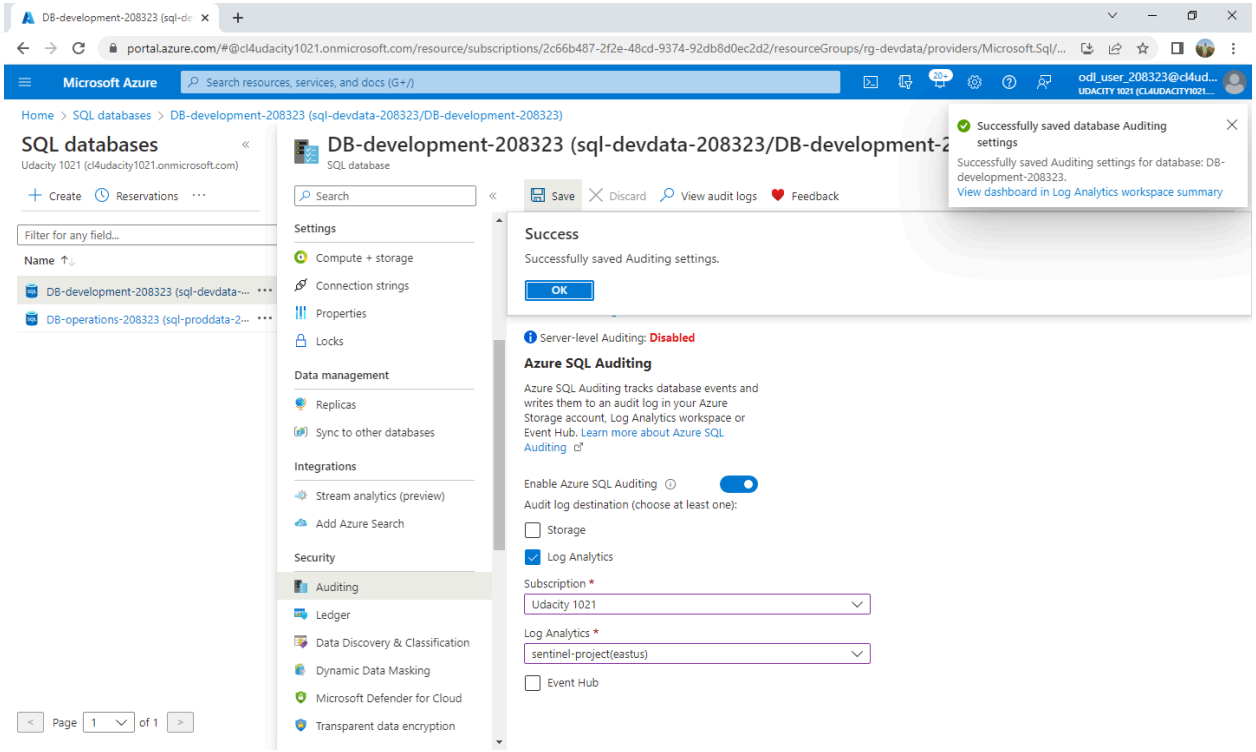
3- Enable auditing and logging: auditing on SQL server should be enabled, and diagnostic logs in key vault should be enabled.

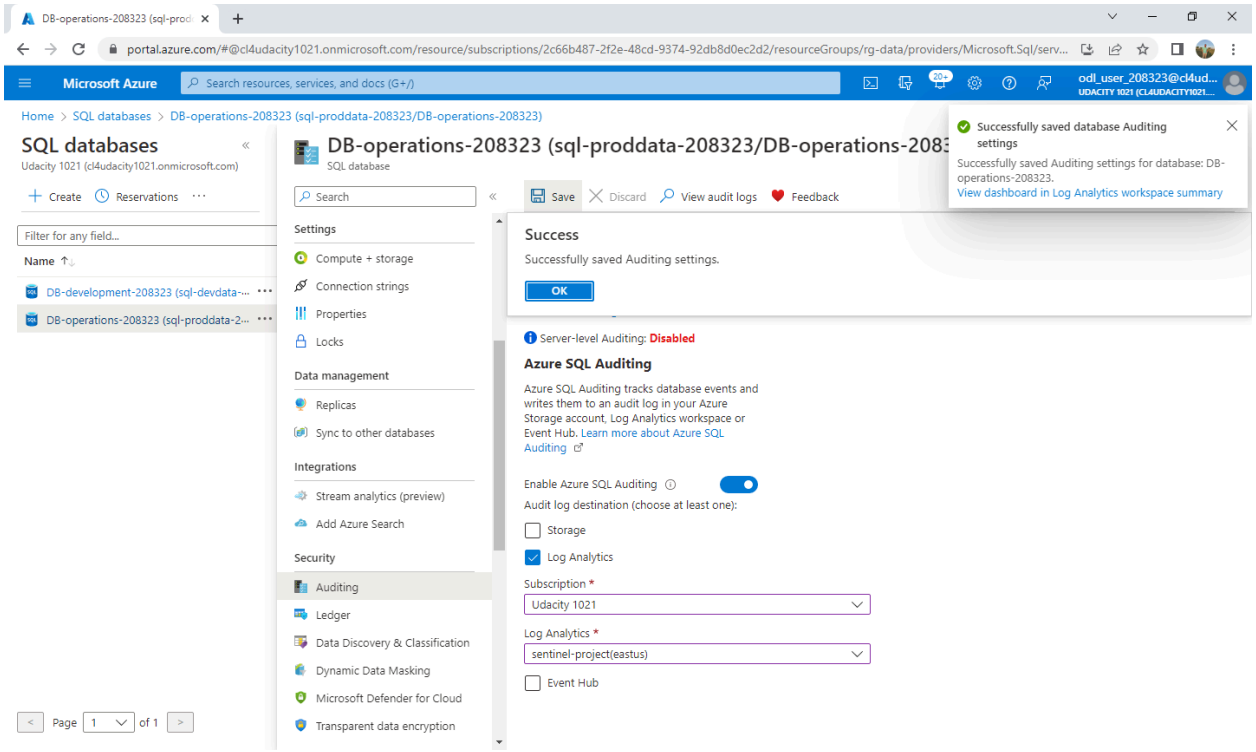
Notes:

- It's a good practice to sort the recommendations by potential score increase.
- For every recommendation it can basically give me some ideas of how I can resolve the issue.
- For some issues the security center gives me the opportunity to resolve it right through itself.

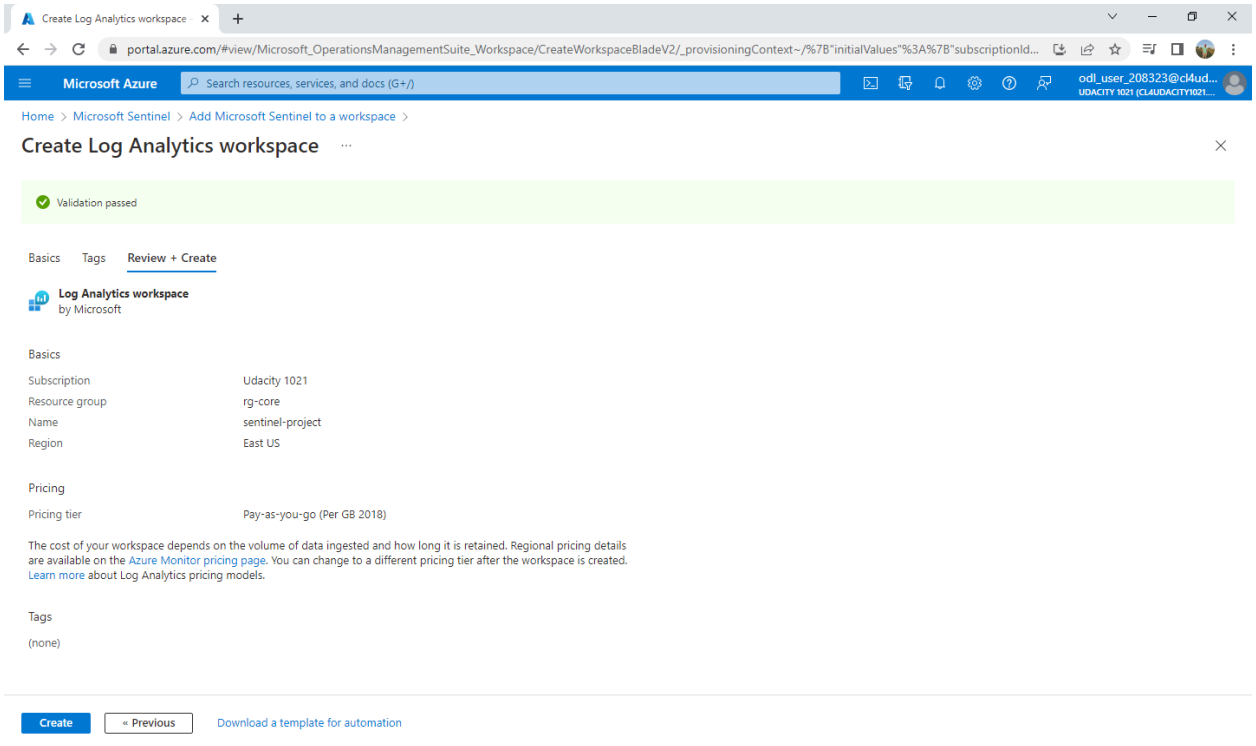
Monitoring

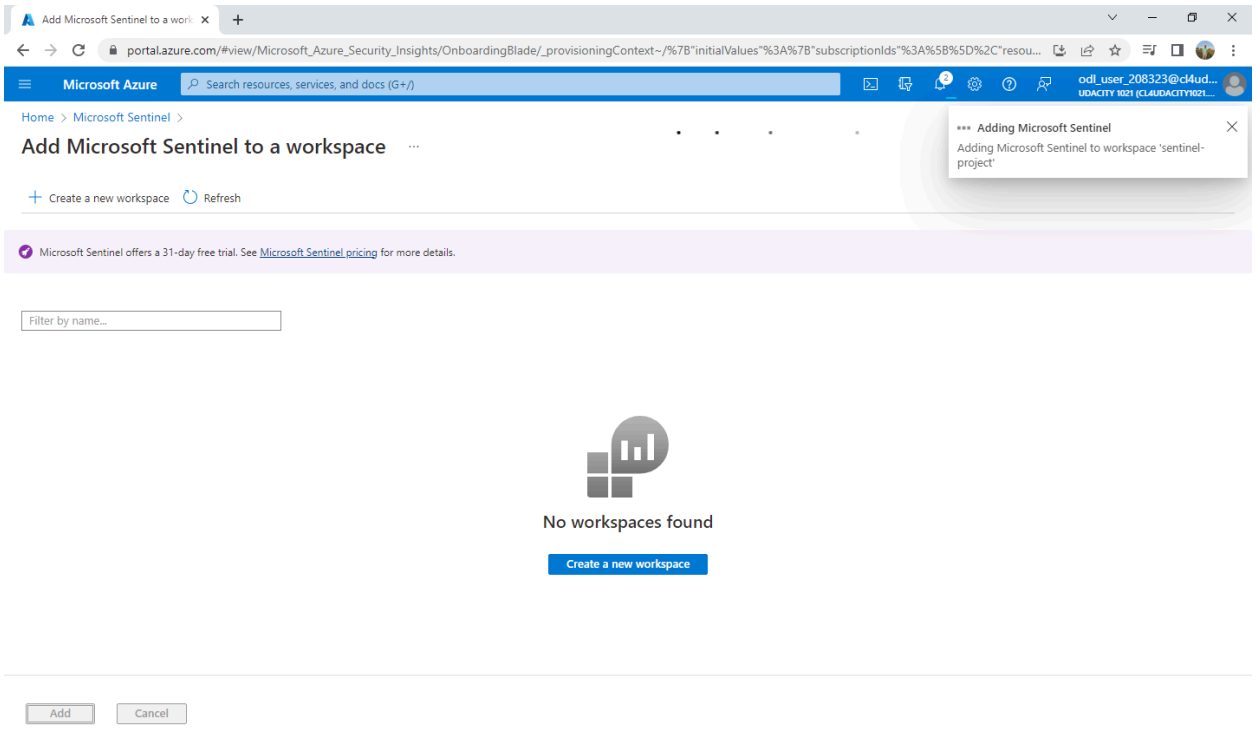
1. Proof of Azure SQL auditing with Log analytics (devdata,proddata)

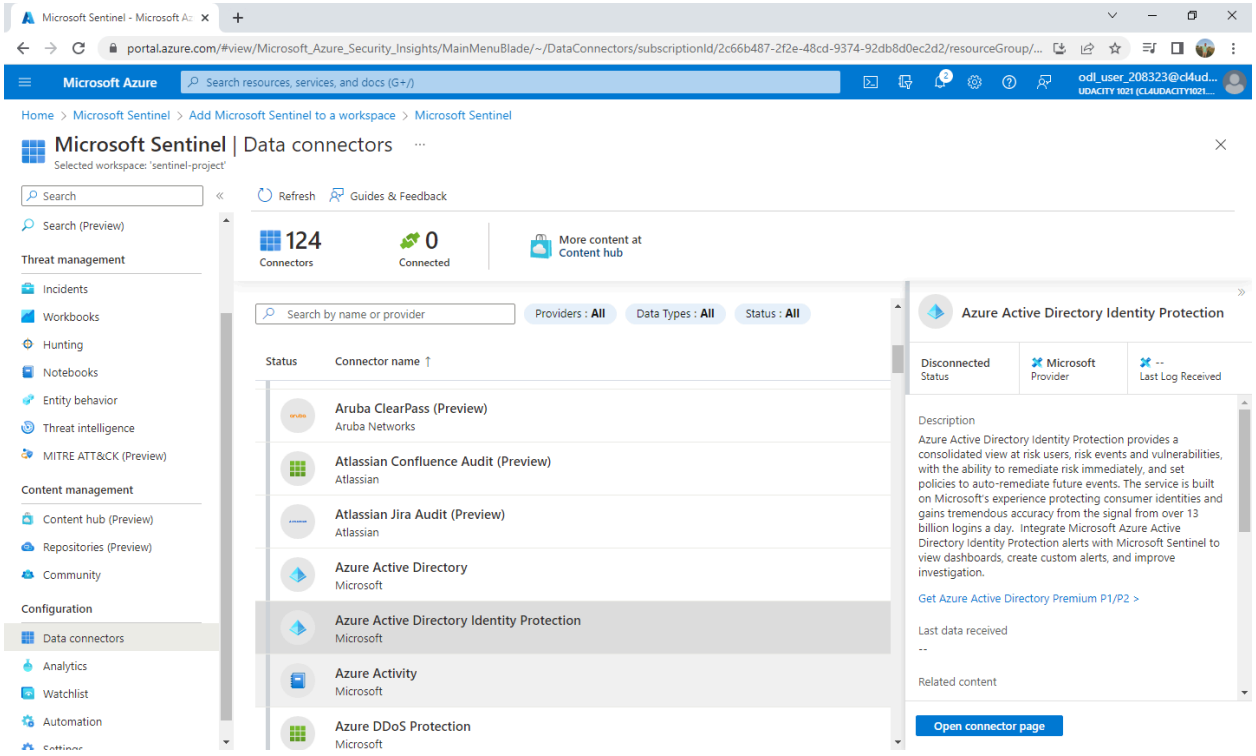


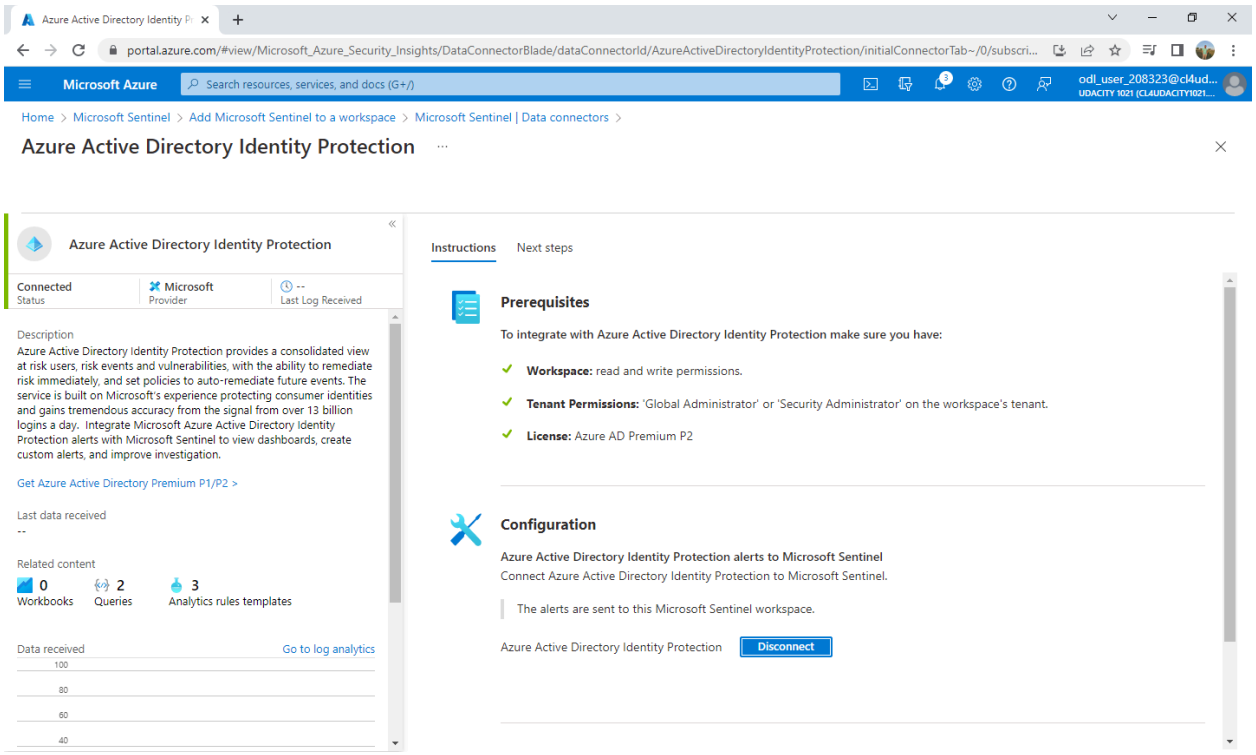


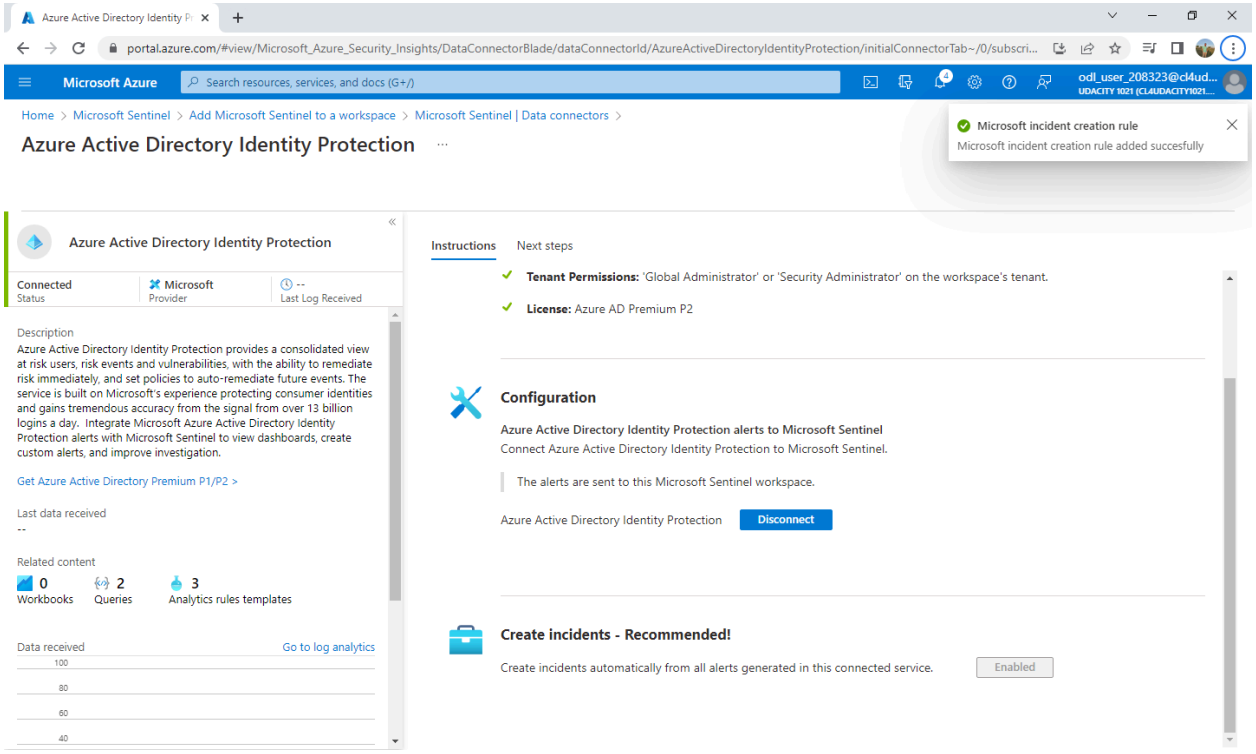
2. Proof of Sentinel connectors (2+)

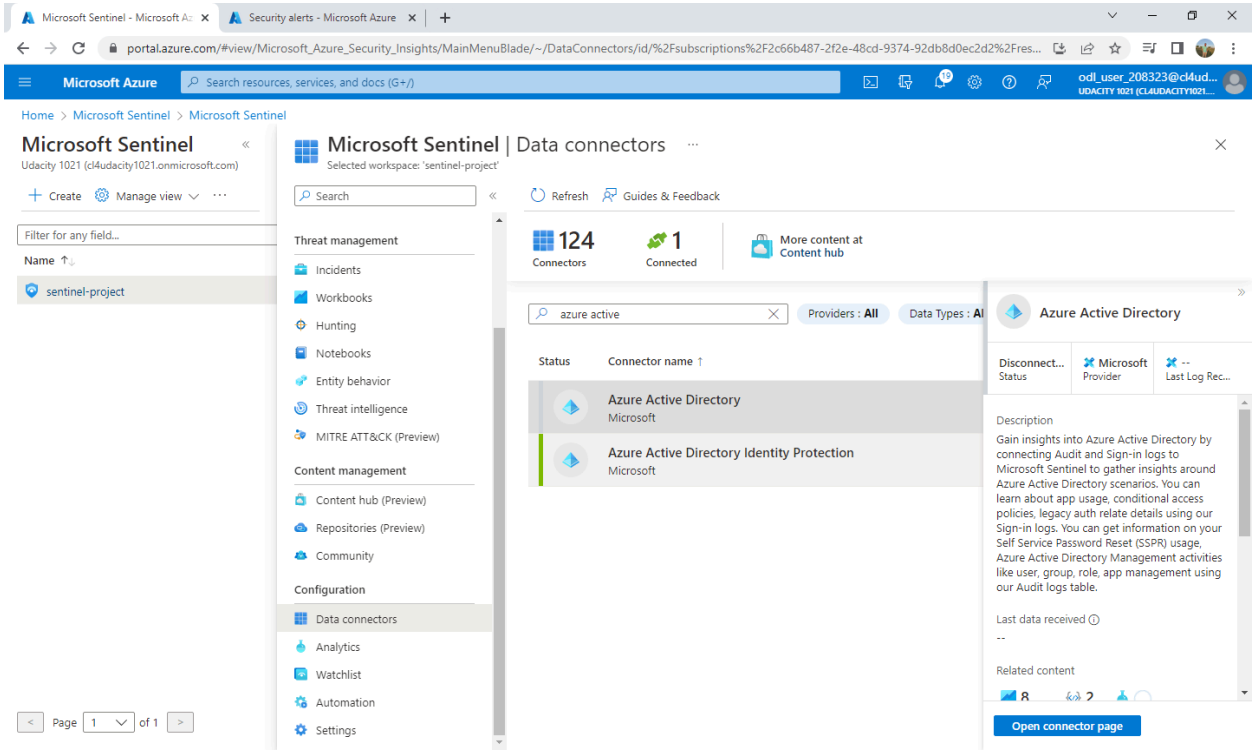


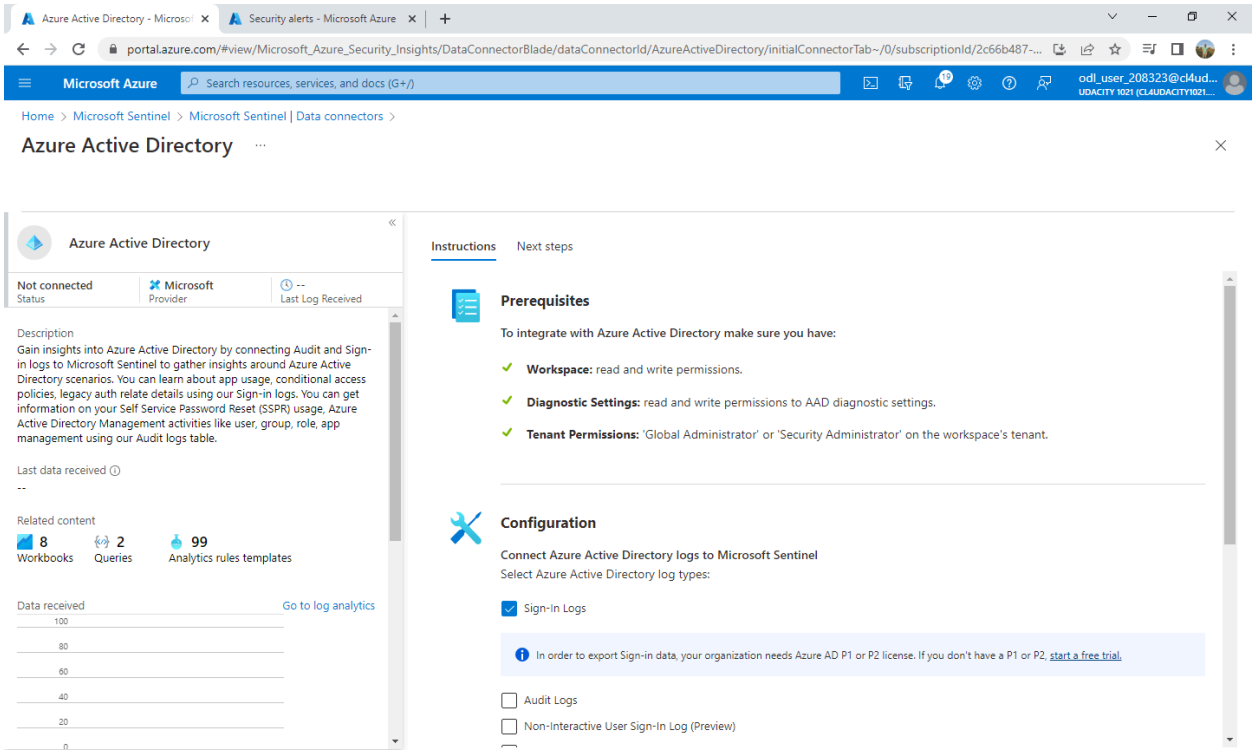

Add Microsoft Sentinel to a work
portal.azure.com/#view/Microsoft_Azure_Security_Insights/OnboardingBlade/_provisioningContext~/%7B"initialValues"%3A%7B"subscriptionIds"%3A%5B%5D%2C"resou...
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Microsoft Sentinel >
Add Microsoft Sentinel to a workspace
Adding Microsoft Sentinel
Adding Microsoft Sentinel to workspace 'sentinel-project'
Create a new workspace
Refresh
Microsoft Sentinel offers a 31-day free trial. See Microsoft Sentinel pricing for more details.
Filter by name...
No workspaces found
Create a new workspace
Add
Cancel

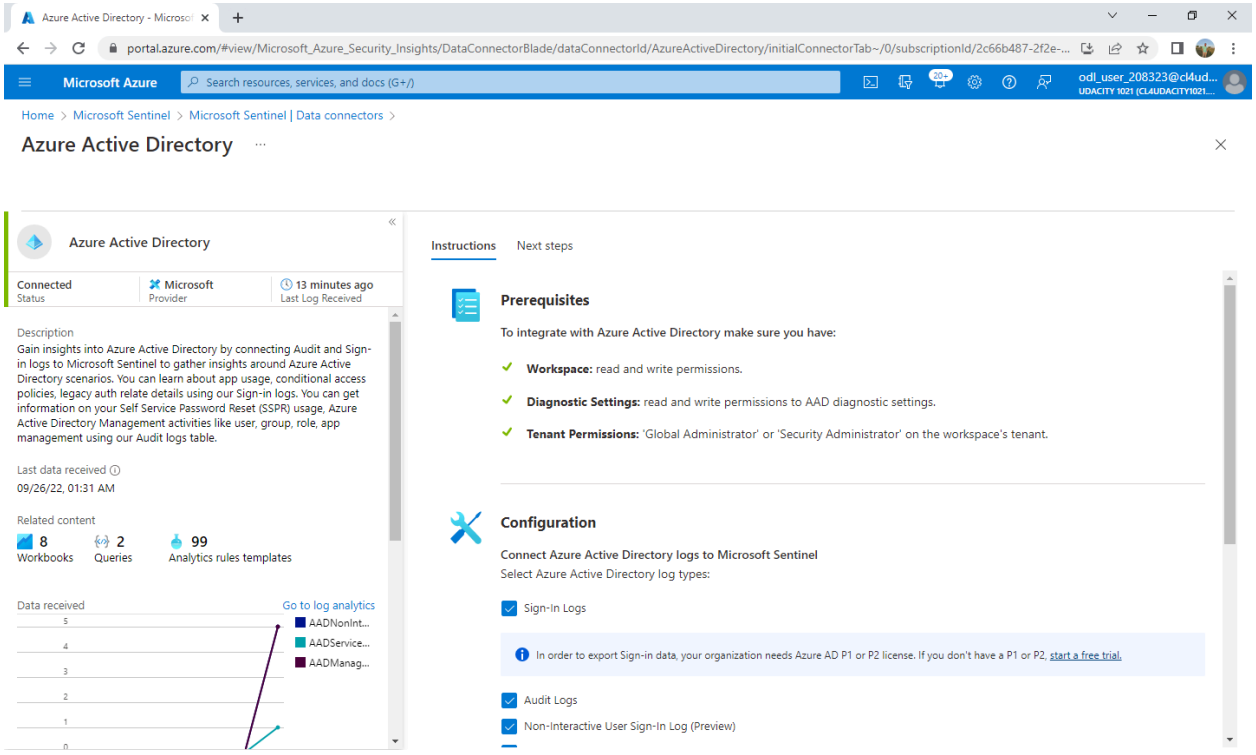

Microsoft Sentinel - Microsoft A
portal.azure.com/#view/Microsoft_Azure_Security_Insights/MainMenuBlade/~/DataConnectors/subscriptionId/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/resourceGroup/...
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Microsoft Sentinel > Add Microsoft Sentinel to a workspace > Microsoft Sentinel
Microsoft Sentinel | Data connectors
Selected workspace: 'sentinel-project'
Search
Search (Preview)
Threat management
Incidents
Workbooks
Hunting
Notebooks
Entity behavior
Threat intelligence
MITRE ATT&CK (Preview)
Content management
Content hub (Preview)
Repositories (Preview)
Community
Configuration
Data connectors
Analytics
Watchlist
Automation
Refresh
Guides & Feedback
124
Connectors
0
Connected
More content at
Content hub
Search by name or provider
Providers : All
Data Types : All
Status : All
Status
Connector name
Aruba ClearPass (Preview)
Aruba Networks
Atlassian Confluence Audit (Preview)
Atlassian
Atlassian Jira Audit (Preview)
Atlassian
Azure Active Directory
Microsoft
Azure Active Directory Identity Protection
Microsoft
Azure Activity
Microsoft
Azure DDoS Protection
Microsoft
Azure Active Directory Identity Protection
Disconnected
Status
Microsoft
Provider
--
Last Log Received
Description
Azure Active Directory Identity Protection provides a consolidated view at risk users, risk events and vulnerabilities, with the ability to remediate risk immediately, and set policies to auto-remediate future events. The service is built on Microsoft's experience protecting consumer identities and gains tremendous accuracy from the signal from over 13 billion logins a day. Integrate Microsoft Azure Active Directory Identity Protection alerts with Microsoft Sentinel to view dashboards, create custom alerts, and improve investigation.
Get Azure Active Directory Premium P1/P2 >
Last data received
--
Related content
Open connector page


Azure Active Directory Identity P
portal.azure.com/#view/Microsoft_Azure_Security_Insights/DataConnectorBlade/dataConnectorId/AzureActiveDirectoryIdentityProtection/initialConnectorTab~/0/subscri...
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Microsoft Sentinel > Add Microsoft Sentinel to a workspace > Microsoft Sentinel | Data connectors >
Azure Active Directory Identity Protection
Azure Active Directory Identity Protection
Connected
Status
Microsoft
Provider
--
Last Log Received
Description
Azure Active Directory Identity Protection provides a consolidated view at risk users, risk events and vulnerabilities, with the ability to remediate risk immediately, and set policies to auto-remediate future events. The service is built on Microsoft's experience protecting consumer identities and gains tremendous accuracy from the signal from over 13 billion logins a day. Integrate Microsoft Azure Active Directory Identity Protection alerts with Microsoft Sentinel to view dashboards, create custom alerts, and improve investigation.
Get Azure Active Directory Premium P1/P2 >
Last data received
--
Related content
0
Workbooks
2
Queries
3
Analytics rules templates
Data received
Go to log analytics
100
80
60
40
Instructions
Next steps
Prerequisites
To integrate with Azure Active Directory Identity Protection make sure you have:
Workspace: read and write permissions.
Tenant Permissions: 'Global Administrator' or 'Security Administrator' on the workspace's tenant.
License: Azure AD Premium P2
Configuration
Azure Active Directory Identity Protection alerts to Microsoft Sentinel
Connect Azure Active Directory Identity Protection to Microsoft Sentinel.
The alerts are sent to this Microsoft Sentinel workspace.
Azure Active Directory Identity Protection
Disconnect


Azure Active Directory Identity P
portal.azure.com/#view/Microsoft_Azure_Security_Insights/DataConnectorBlade/dataConnectorId/AzureActiveDirectoryIdentityProtection/initialConnectorTab~/0/subscri...
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Microsoft Sentinel > Add Microsoft Sentinel to a workspace > Microsoft Sentinel | Data connectors >
Azure Active Directory Identity Protection
Microsoft incident creation rule
Microsoft incident creation rule added succesfully
Azure Active Directory Identity Protection
Connected
Status
Microsoft
Provider
--
Last Log Received
Description
Azure Active Directory Identity Protection provides a consolidated view at risk users, risk events and vulnerabilities, with the ability to remediate risk immediately, and set policies to auto-remediate future events. The service is built on Microsoft's experience protecting consumer identities and gains tremendous accuracy from the signal from over 13 billion logins a day. Integrate Microsoft Azure Active Directory Identity Protection alerts with Microsoft Sentinel to view dashboards, create custom alerts, and improve investigation.
Get Azure Active Directory Premium P1/P2 >
Last data received
--
Related content
0
Workbooks
2
Queries
3
Analytics rules templates
Data received
Go to log analytics
100
80
60
40
Instructions
Next steps
Tenant Permissions: 'Global Administrator' or 'Security Administrator' on the workspace's tenant.
License: Azure AD Premium P2
Configuration
Azure Active Directory Identity Protection alerts to Microsoft Sentinel
Connect Azure Active Directory Identity Protection to Microsoft Sentinel.
The alerts are sent to this Microsoft Sentinel workspace.
Azure Active Directory Identity Protection
Disconnect
Create incidents - Recommended!
Create incidents automatically from all alerts generated in this connected service.
Enabled

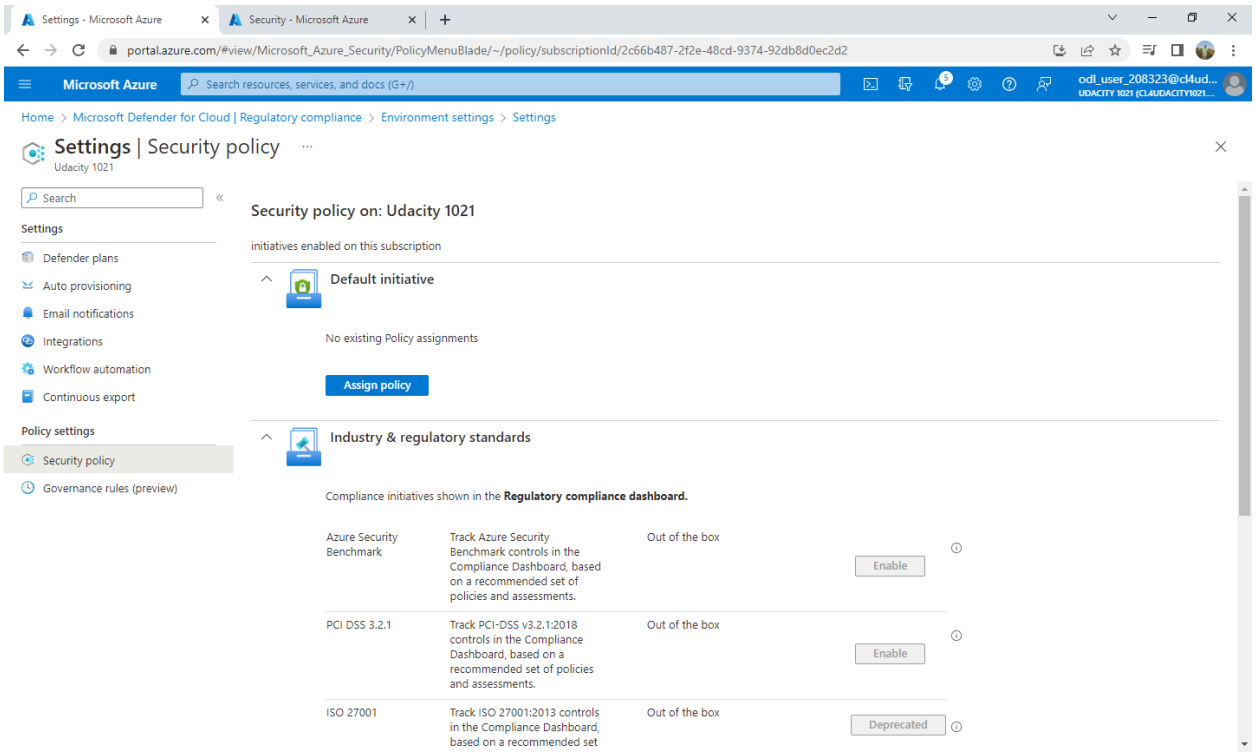

Microsoft Sentinel - Microsoft Az
Security alerts - Microsoft Azure
portal.azure.com/#view/Microsoft_Azure_Security_Insights/MainMenuBlade/~/DataConnectors/id/%2Fsubscriptions%2F2c66b487-2f2e-48cd-9374-92db8d0ec2d2%2Fres...
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Microsoft Sentinel > Microsoft Sentinel
Microsoft Sentinel
Udacity 1021 (cl4udacity1021.onmicrosoft.com)
Create
Manage view
Filter for any field...
Name
sentinel-project
Page 1 of 1
Microsoft Sentinel | Data connectors
Selected workspace: 'sentinel-project'
Search
Refresh
Guides & Feedback
124
Connectors
1
Connected
More content at
Content hub
Threat management
Incidents
Workbooks
Hunting
Notebooks
Entity behavior
Threat intelligence
MITRE ATT&CK (Preview)
Content management
Content hub (Preview)
Repositories (Preview)
Community
Configuration
Data connectors
Analytics
Watchlist
Automation
Settings
azure active
Providers : All
Data Types : Al
Status
Connector name
Azure Active Directory
Microsoft
Azure Active Directory Identity Protection
Microsoft
Azure Active Directory
Disconnect...
Status
Microsoft
Provider
--
Last Log Rec...
Description
Gain insights into Azure Active Directory by connecting Audit and Sign-in logs to Microsoft Sentinel to gather insights around Azure Active Directory scenarios. You can learn about app usage, conditional access policies, legacy auth relate details using our Sign-in logs. You can get information on your Self Service Password Reset (SSPR) usage, Azure Active Directory Management activities like user, group, role, app management using our Audit logs table.
Last data received
--
Related content
Open connector page

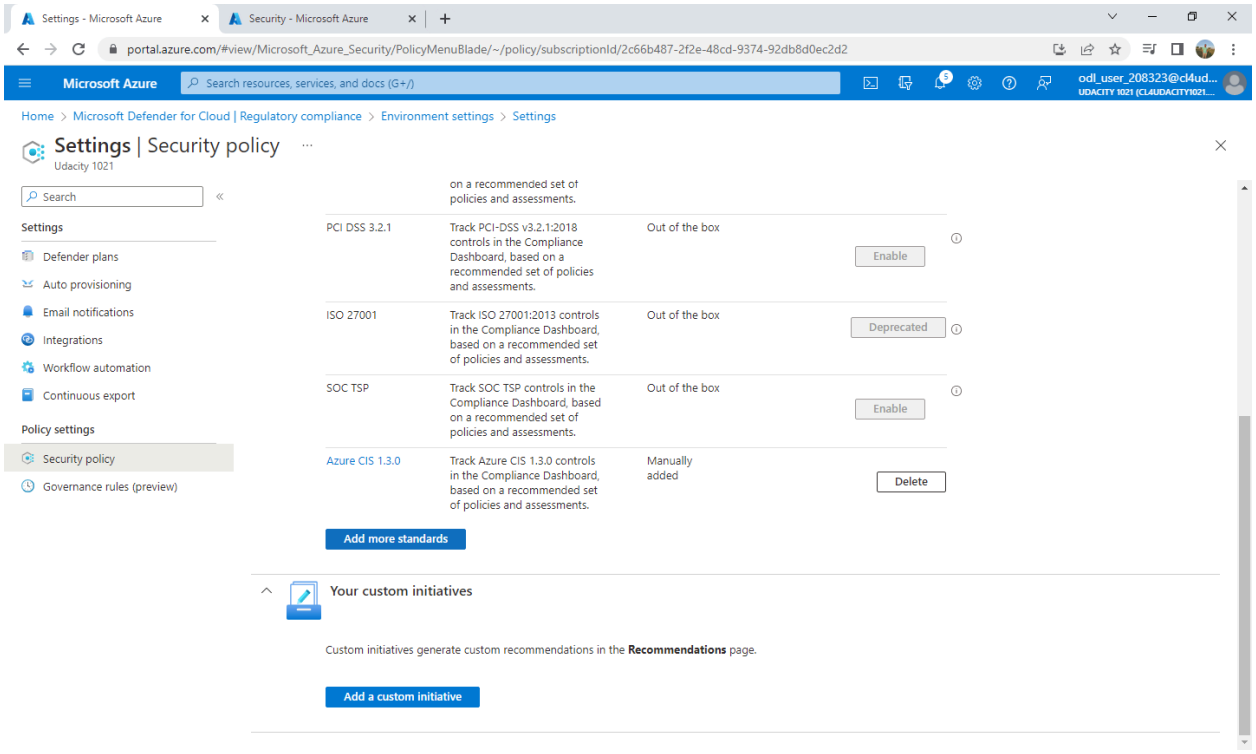

Azure Active Directory - Microsof
Security alerts - Microsoft Azure
portal.azure.com/#view/Microsoft_Azure_Security_Insights/DataConnectorBlade/dataConnectorId/AzureActiveDirectory/initialConnectorTab~/0/subscriptionId/2c66b487-...
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Microsoft Sentinel > Microsoft Sentinel | Data connectors >
Azure Active Directory
Azure Active Directory
Not connected
Status
Microsoft
Provider
--
Last Log Received
Description
Gain insights into Azure Active Directory by connecting Audit and Sign-in logs to Microsoft Sentinel to gather insights around Azure Active Directory scenarios. You can learn about app usage, conditional access policies, legacy auth relate details using our Sign-in logs. You can get information on your Self Service Password Reset (SSPR) usage, Azure Active Directory Management activities like user, group, role, app management using our Audit logs table.
Last data received
--
Related content
8
Workbooks
2
Queries
99
Analytics rules templates
Data received
Go to log analytics
100
80
60
40
20
0
Instructions
Next steps
Prerequisites
To integrate with Azure Active Directory make sure you have:
Workspace: read and write permissions.
Diagnostic Settings: read and write permissions to AAD diagnostic settings.
Tenant Permissions: 'Global Administrator' or 'Security Administrator' on the workspace's tenant.
Configuration
Connect Azure Active Directory logs to Microsoft Sentinel
Select Azure Active Directory log types:
Sign-In Logs
In order to export Sign-in data, your organization needs Azure AD P1 or P2 license. If you don't have a P1 or P2, start a free trial.
Audit Logs
Non-Interactive User Sign-In Log (Preview)

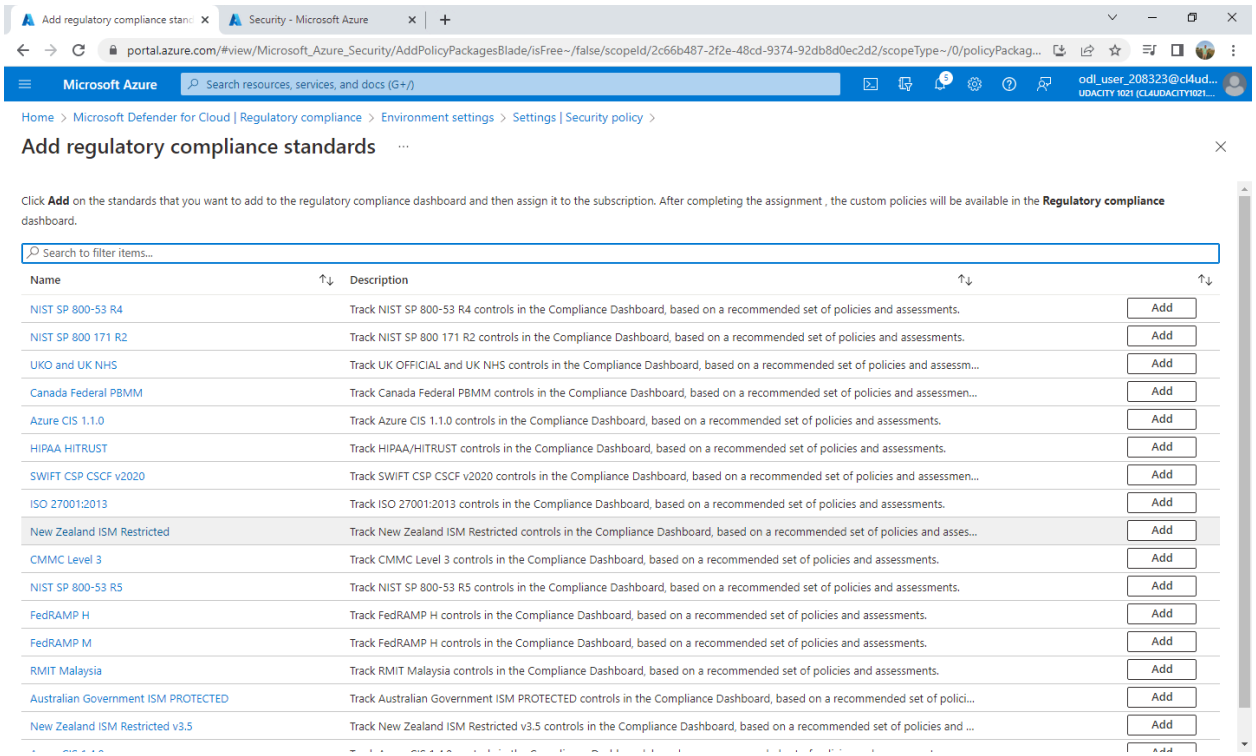

Azure Active Directory - Microsof
portal.azure.com/#view/Microsoft_Azure_Security_Insights/DataConnectorBlade/dataConnectorId/AzureActiveDirectory/initialConnectorTab~/0/subscriptionId/2c66b487-2f2e-...
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Microsoft Sentinel > Microsoft Sentinel | Data connectors >
Azure Active Directory
Azure Active Directory
Connected
Status
Microsoft
Provider
13 minutes ago
Last Log Received
Description
Gain insights into Azure Active Directory by connecting Audit and Sign-in logs to Microsoft Sentinel to gather insights around Azure Active Directory scenarios. You can learn about app usage, conditional access policies, legacy auth relate details using our Sign-in logs. You can get information on your Self Service Password Reset (SSPR) usage, Azure Active Directory Management activities like user, group, role, app management using our Audit logs table.
Last data received
09/26/22, 01:31 AM
Related content
8
Workbooks
2
Queries
99
Analytics rules templates
Data received
Go to log analytics
5
4
3
2
1
0
AADNonInt...
AADService...
AADManag...
Instructions
Next steps
Prerequisites
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Diagnostic Settings: read and write permissions to AAD diagnostic settings.
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Audit Logs
Non-Interactive User Sign-In Log (Preview)

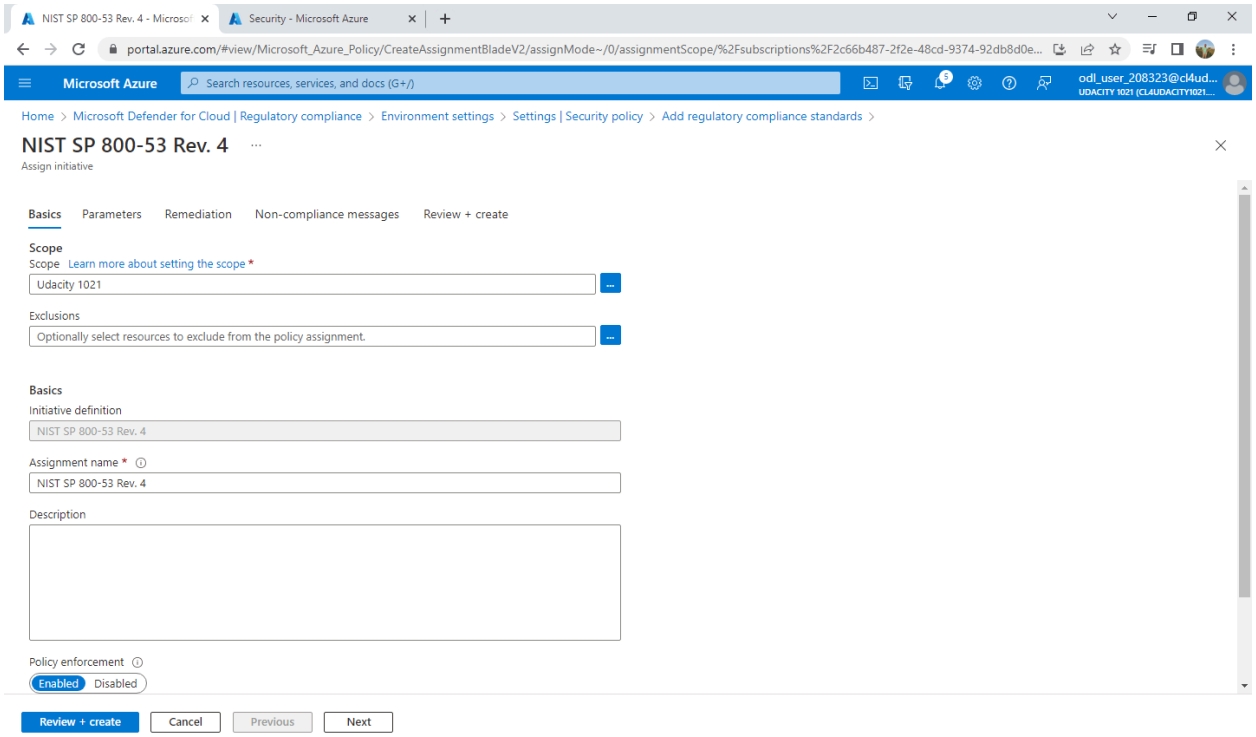
Compliance

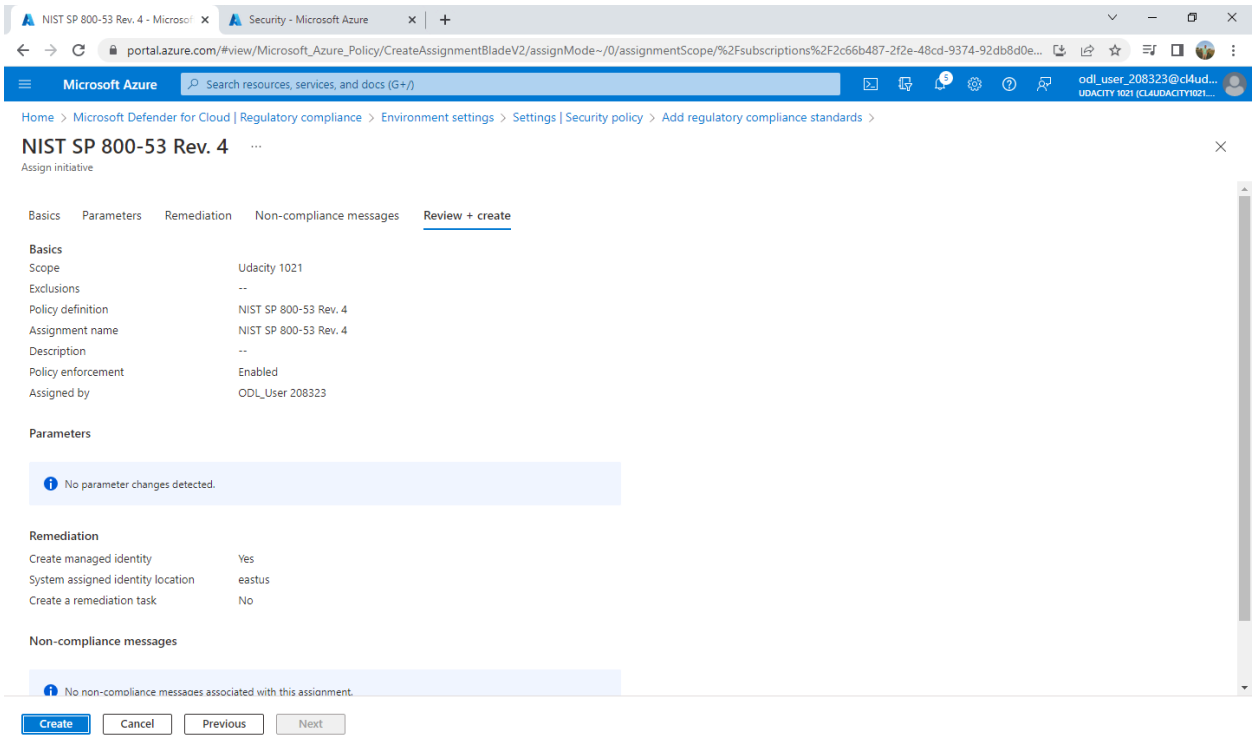
1. Proof of NIST SP 800-53 rev4 policy added

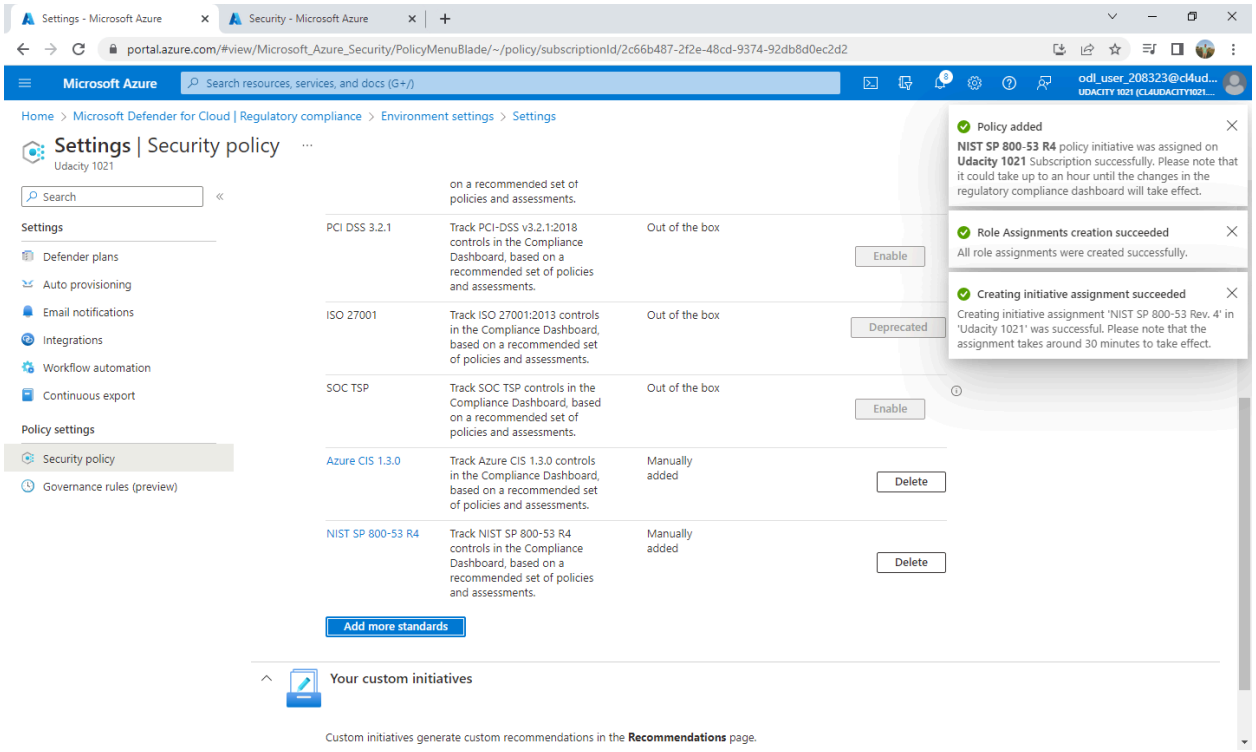



Settings - Microsoft Azure
Security - Microsoft Azure
portal.azure.com/#view/Microsoft_Azure_Security/PolicyMenuBlade/~/policy/subscriptionId/2c66b487-2f2e-48cd-9374-92db8d0ec2d2
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Microsoft Defender for Cloud | Regulatory compliance > Environment settings > Settings
Settings | Security policy
Udacity 1021
Search
Settings
Defender plans
Auto provisioning
Email notifications
Integrations
Workflow automation
Continuous export
Policy settings
Security policy
Governance rules (preview)
on a recommended set of policies and assessments.
PCI DSS 3.2.1
Track PCI-DSS v3.2.1:2018 controls in the Compliance Dashboard, based on a recommended set of policies and assessments.
Out of the box
Enable
ISO 27001
Track ISO 27001:2013 controls in the Compliance Dashboard, based on a recommended set of policies and assessments.
Out of the box
Deprecated
SOC TSP
Track SOC TSP controls in the Compliance Dashboard, based on a recommended set of policies and assessments.
Out of the box
Enable
Azure CIS 1.3.0
Track Azure CIS 1.3.0 controls in the Compliance Dashboard, based on a recommended set of policies and assessments.
Manually added
Delete
Add more standards
Your custom initiatives
Custom initiatives generate custom recommendations in the Recommendations page.
Add a custom initiative


Add regulatory compliance stand
Security - Microsoft Azure
portal.azure.com/#view/Microsoft_Azure_Security/AddPolicyPackagesBlade/isFree~/false/scopeId/2c66b487-2f2e-48cd-9374-92db8d0ec2d2/scopeType~/0/policyPackag...
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Microsoft Defender for Cloud | Regulatory compliance > Environment settings > Settings | Security policy >
Add regulatory compliance standards
Click Add on the standards that you want to add to the regulatory compliance dashboard and then assign it to the subscription. After completing the assignment , the custom policies will be available in the Regulatory compliance dashboard.
Search to filter items...
Name
Description
NIST SP 800-53 R4
Track NIST SP 800-53 R4 controls in the Compliance Dashboard, based on a recommended set of policies and assessments.
Add
NIST SP 800 171 R2
Track NIST SP 800 171 R2 controls in the Compliance Dashboard, based on a recommended set of policies and assessments.
Add
UKO and UK NHS
Track UK OFFICIAL and UK NHS controls in the Compliance Dashboard, based on a recommended set of policies and assessm...
Add
Canada Federal PBMM
Track Canada Federal PBMM controls in the Compliance Dashboard, based on a recommended set of policies and assessmen...
Add
Azure CIS 1.1.0
Track Azure CIS 1.1.0 controls in the Compliance Dashboard, based on a recommended set of policies and assessments.
Add
HIPAA HITRUST
Track HIPAA/HITRUST controls in the Compliance Dashboard, based on a recommended set of policies and assessments.
Add
SWIFT CSP CSCF v2020
Track SWIFT CSP CSCF v2020 controls in the Compliance Dashboard, based on a recommended set of policies and assessmen...
Add
ISO 27001:2013
Track ISO 27001:2013 controls in the Compliance Dashboard, based on a recommended set of policies and assessments.
Add
New Zealand ISM Restricted
Track New Zealand ISM Restricted controls in the Compliance Dashboard, based on a recommended set of policies and asses...
Add
CMMC Level 3
Track CMMC Level 3 controls in the Compliance Dashboard, based on a recommended set of policies and assessments.
Add
NIST SP 800-53 R5
Track NIST SP 800-53 R5 controls in the Compliance Dashboard, based on a recommended set of policies and assessments.
Add
FedRAMP H
Track FedRAMP H controls in the Compliance Dashboard, based on a recommended set of policies and assessments.
Add
FedRAMP M
Track FedRAMP H controls in the Compliance Dashboard, based on a recommended set of policies and assessments.
Add
RMIT Malaysia
Track RMIT Malaysia controls in the Compliance Dashboard, based on a recommended set of policies and assessments.
Add
Australian Government ISM PROTECTED
Track Australian Government ISM PROTECTED controls in the Compliance Dashboard, based on a recommended set of polici...
Add
New Zealand ISM Restricted v3.5
Track New Zealand ISM Restricted v3.5 controls in the Compliance Dashboard, based on a recommended set of policies and ...
Add


NIST SP 800-53 Rev. 4 - Microsof
Security - Microsoft Azure
portal.azure.com/#view/Microsoft_Azure_Policy/CreateAssignmentBladeV2/assignMode~/0/assignmentScope/%2Fsubscriptions%2F2c66b487-2f2e-48cd-9374-92db8d0e...
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Microsoft Defender for Cloud | Regulatory compliance > Environment settings > Settings | Security policy > Add regulatory compliance standards >
NIST SP 800-53 Rev. 4
Assign initiative
Basics
Parameters
Remediation
Non-compliance messages
Review + create
Scope
Scope Learn more about setting the scope *
Udacity 1021
Exclusions
Optionally select resources to exclude from the policy assignment.
Basics
Initiative definition
NIST SP 800-53 Rev. 4
Assignment name *
NIST SP 800-53 Rev. 4
Description
Policy enforcement
Enabled
Disabled
Review + create
Cancel
Previous
Next


NIST SP 800-53 Rev. 4 - Microsof
Security - Microsoft Azure
portal.azure.com/#view/Microsoft_Azure_Policy/CreateAssignmentBladeV2/assignMode~/0/assignmentScope/%2Fsubscriptions%2F2c66b487-2f2e-48cd-9374-92db8d0e...
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Home > Microsoft Defender for Cloud | Regulatory compliance > Environment settings > Settings | Security policy > Add regulatory compliance standards >
NIST SP 800-53 Rev. 4
Assign initiative
Basics
Parameters
Remediation
Non-compliance messages
Review + create
Basics
Scope Udacity 1021
Exclusions --
Policy definition NIST SP 800-53 Rev. 4
Assignment name NIST SP 800-53 Rev. 4
Description --
Policy enforcement Enabled
Assigned by ODL_User 208323
Parameters
No parameter changes detected.
Remediation
Create managed identity Yes
System assigned identity location eastus
Create a remediation task No
Non-compliance messages
No non-compliance messages associated with this assignment.
Create
Cancel
Previous
Next


Settings - Microsoft Azure
Security - Microsoft Azure
portal.azure.com/#view/Microsoft_Azure_Security/PolicyMenuBlade/~/policy/subscriptionId/2c66b487-2f2e-48cd-9374-92db8d0ec2d2
Microsoft Azure
Search resources, services, and docs (G+/)
odl_user_208323@cl4ud...
UDACITY 1021 (CL4UDACITY1021...
Home > Microsoft Defender for Cloud | Regulatory compliance > Environment settings > Settings
Settings | Security policy
Udacity 1021
Search
Settings
Defender plans
Auto provisioning
Email notifications
Integrations
Workflow automation
Continuous export
Policy settings
Security policy
Governance rules (preview)
on a recommended set of policies and assessments.
PCI DSS 3.2.1
Track PCI-DSS v3.2.1:2018 controls in the Compliance Dashboard, based on a recommended set of policies and assessments.
Out of the box
Enable
ISO 27001
Track ISO 27001:2013 controls in the Compliance Dashboard, based on a recommended set of policies and assessments.
Out of the box
Deprecated
SOC TSP
Track SOC TSP controls in the Compliance Dashboard, based on a recommended set of policies and assessments.
Out of the box
Enable
Azure CIS 1.3.0
Track Azure CIS 1.3.0 controls in the Compliance Dashboard, based on a recommended set of policies and assessments.
Manually added
Delete
NIST SP 800-53 R4
Track NIST SP 800-53 R4 controls in the Compliance Dashboard, based on a recommended set of policies and assessments.
Manually added
Delete
Add more standards
Your custom initiatives
Custom initiatives generate custom recommendations in the Recommendations page.
Policy added
NIST SP 800-53 R4 policy initiative was assigned on Udacity 1021 Subscription successfully. Please note that it could take up to an hour until the changes in the regulatory compliance dashboard will take effect.
Role Assignments creation succeeded
All role assignments were created successfully.
Creating initiative assignment succeeded
Creating initiative assignment 'NIST SP 800-53 Rev. 4' in 'Udacity 1021' was successful. Please note that the assignment takes around 30 minutes to take effect.