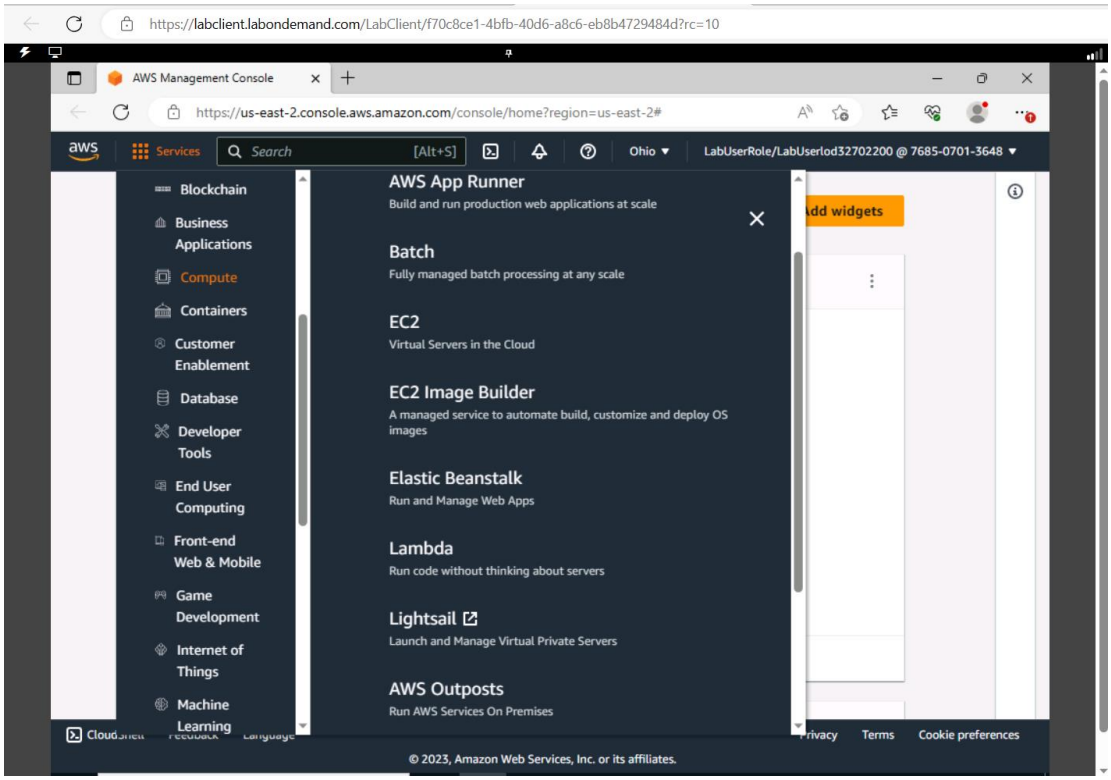
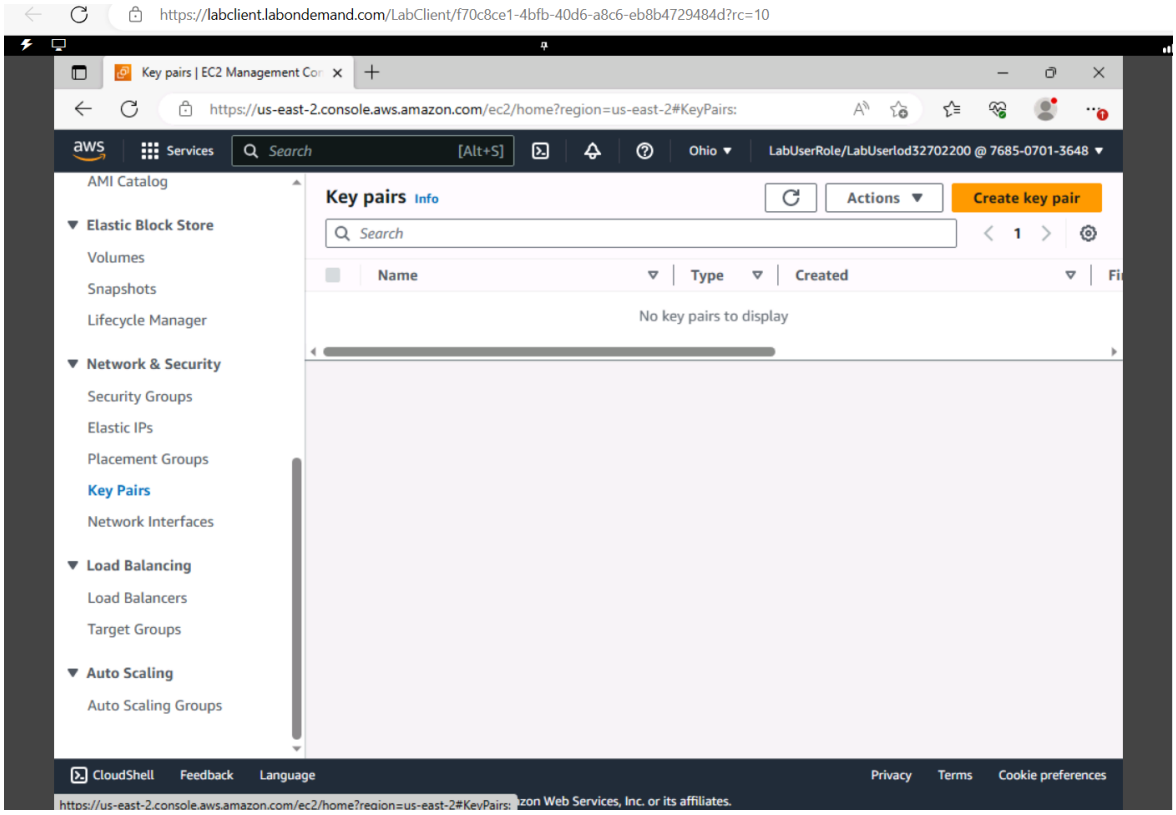
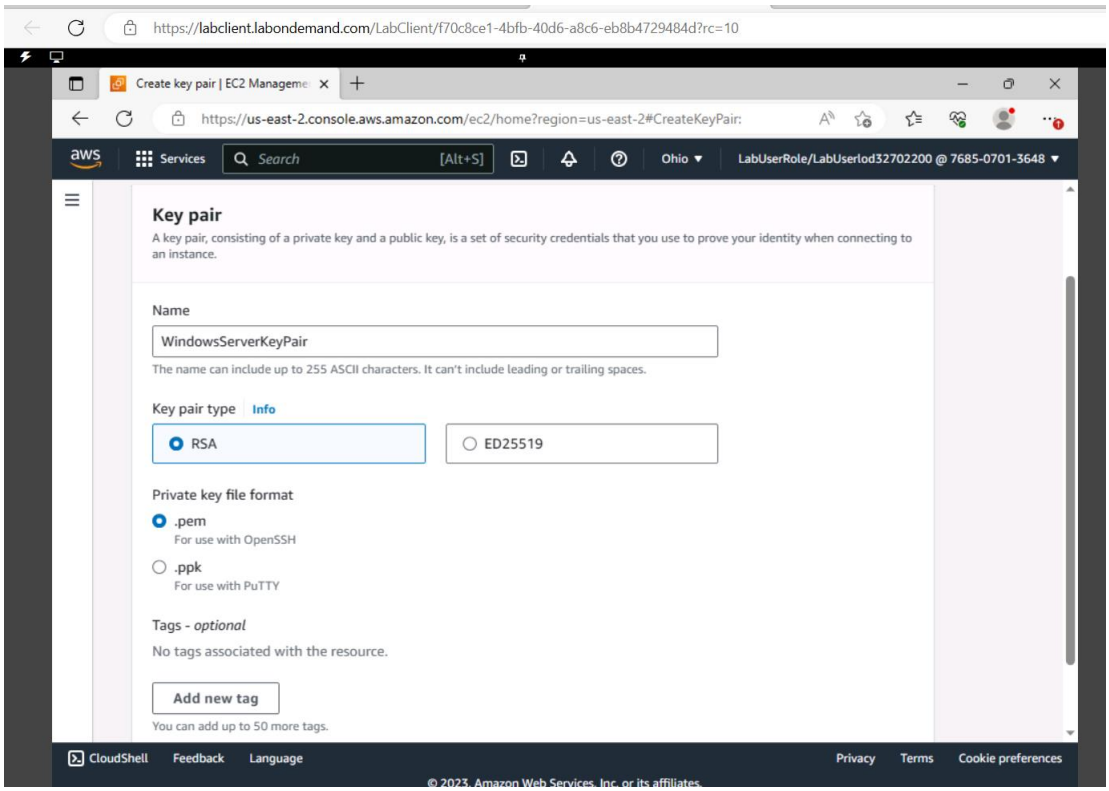
1]Connect to an EC2 instance by Using RDP






https://labclient.labondemand.com/LabClient/f70c8ce1-4bfb-40d6-a8c6-eb8b4729484d?rc=10
Create key pair | EC2 Manageme
https://us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#CreateKeyPair:
Services
Search
[Alt+S]
Ohio
LabUserRole/LabUserlod32702200 @ 7685-0701-3648
Key pair
A key pair, consisting of a private key and a public key, is a set of security credentials that you use to prove your identity when connecting to an instance.
Name
WindowsServerKeyPair
The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.
Key pair type Info
RSA
ED25519
Private key file format
.pem
For use with OpenSSH
.ppk
For use with PuTTY
Tags - optional
No tags associated with the resource.
Add new tag
You can add up to 50 more tags.
CloudShell
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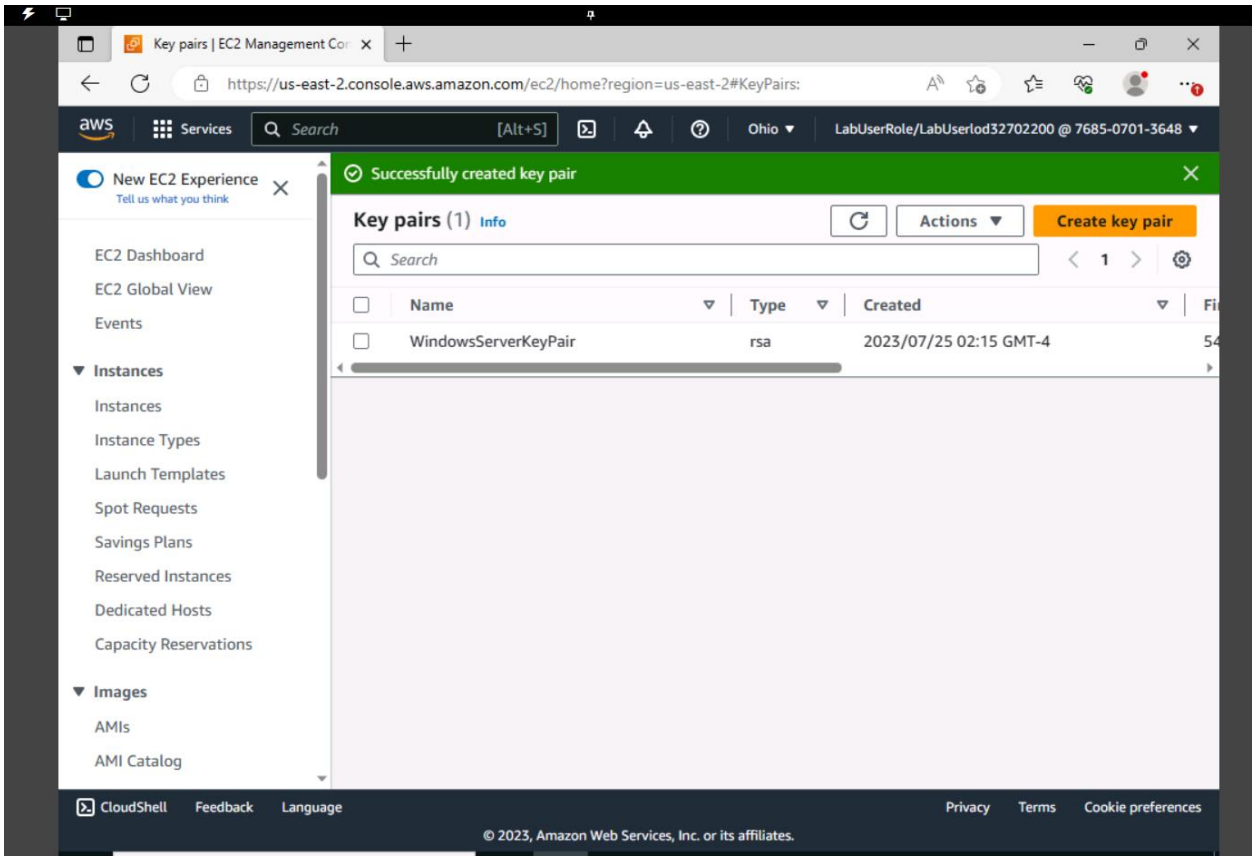
Key pairs | EC2 Management Cor
https://us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#KeyPairs:
Services
Search
[Alt+S]
Ohio
LabUserRole/LabUserlod32702200 @ 7685-0701-3648
New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Successfully created key pair
Key pairs (1) Info
Actions
Create key pair
Search
1
Name
Type
Created
WindowsServerKeyPair
rsa
2023/07/25 02:15 GMT-4
CloudShell
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Language
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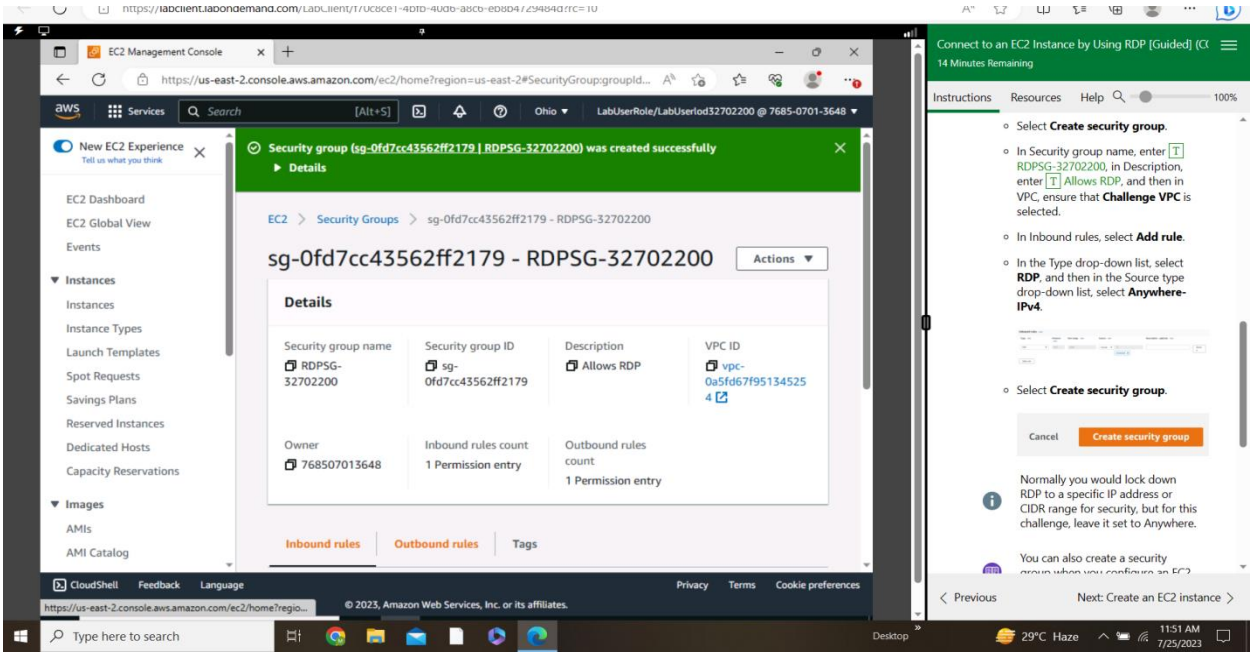
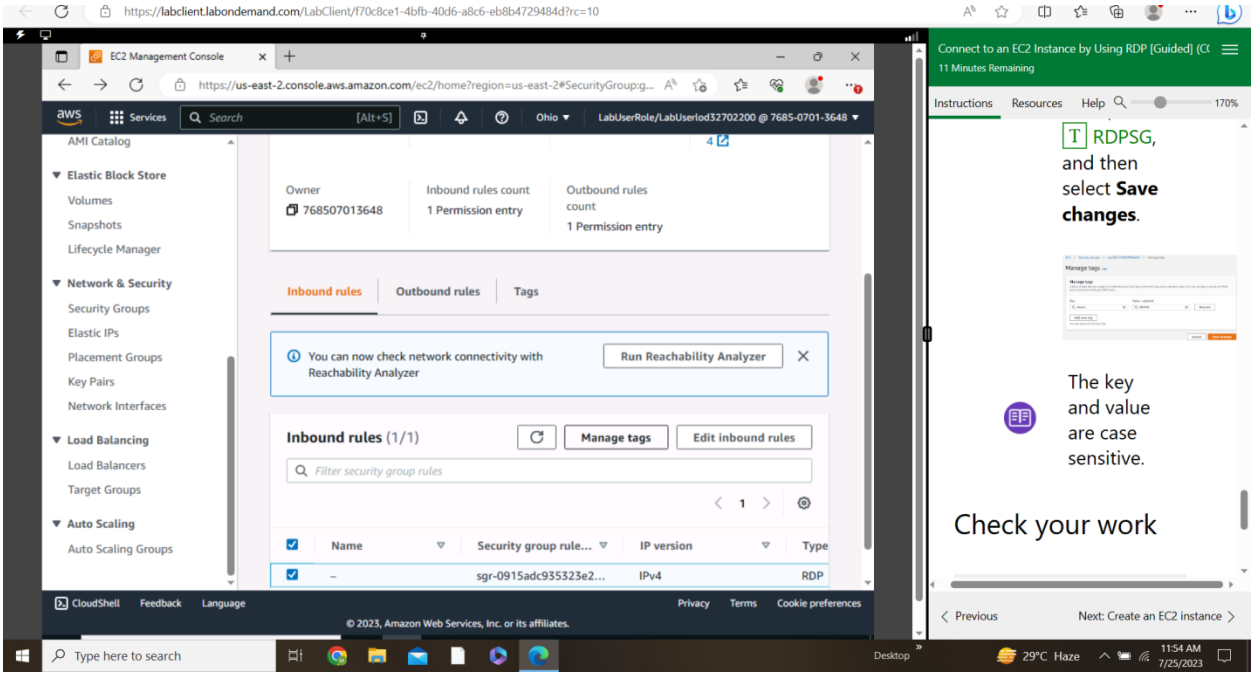
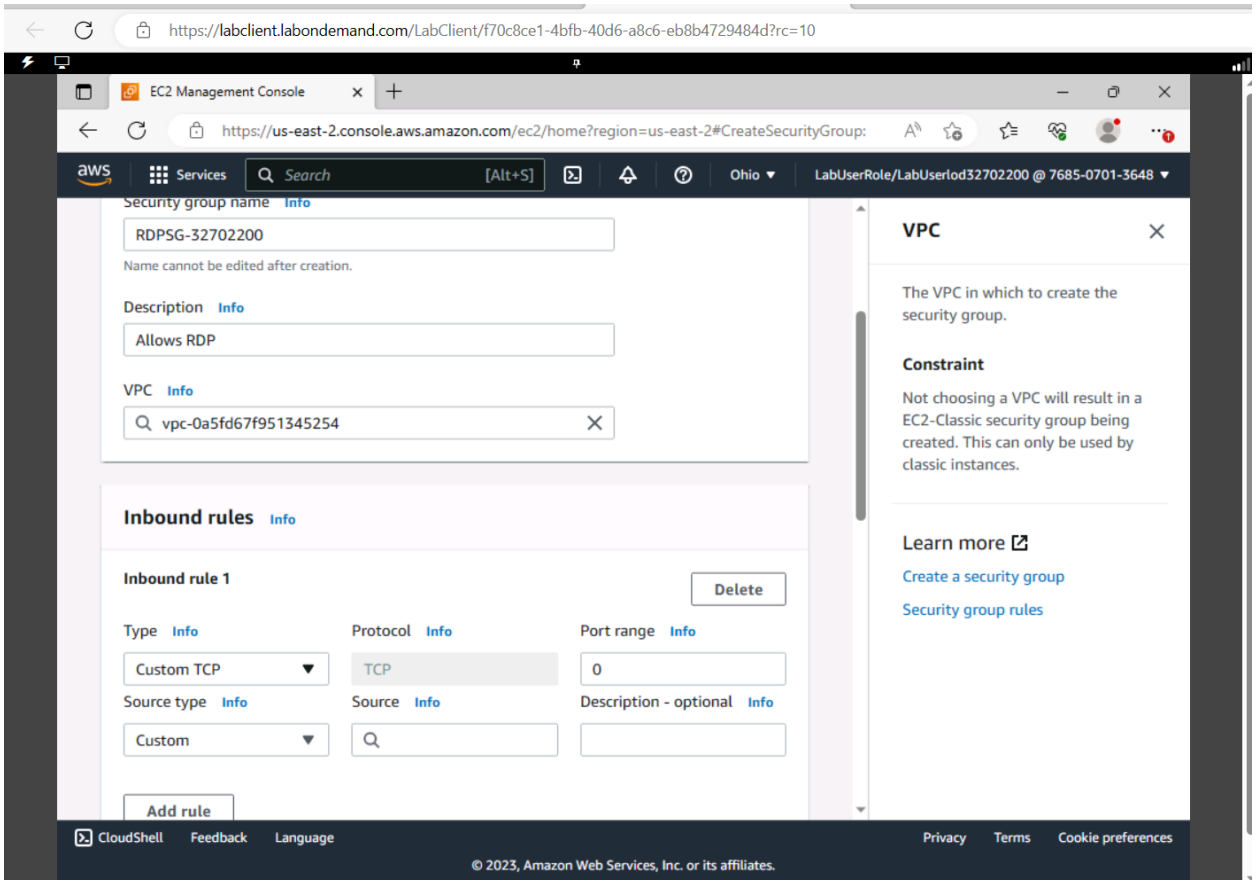

EC2 Management Console
Security group (sg-0fd7cc43562ff2179 | RDPSG-32702200) was created successfully
Details
sg-0fd7cc43562ff2179 - RDPSG-32702200
Actions
Details
Security group name
RDPSG-32702200
Security group ID
sg-0fd7cc43562ff2179
Description
Allows RDP
VPC ID
Owner
768507013648
Inbound rules count
1 Permission entry
Outbound rules count
1 Permission entry
Inbound rules
Outbound rules
Tags
Connect to an EC2 Instance by Using RDP [Guided]
14 Minutes Remaining
Instructions
Resources
Help
100%
Select Create security group.
In Security group name, enter T RDPSG-32702200, in Description, enter T Allows RDP, and then in VPC, ensure that Challenge VPC is selected.
In Inbound rules, select Add rule.
In the Type drop-down list, select RDP, and then in the Source type drop-down list, select Anywhere-IPv4.
Select Create security group.
Cancel
Create security group
Normally you would lock down RDP to a specific IP address or CIDR range for security, but for this challenge, leave it set to Anywhere.
Previous
Next: Create an EC2 instance


https://labclient.labondemand.com/LabClient/f70c8ce1-4bfb-40d6-a8c6-eb8b472948d?rc=10
EC2 Management Console
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups
Elastic IPs
Placement Groups
Key Pairs
Network Interfaces
Load Balancing
Load Balancers
Target Groups
Auto Scaling
Auto Scaling Groups
Owner
768507013648
Inbound rules count
1 Permission entry
Outbound rules count
1 Permission entry
Inbound rules
Outbound rules
Tags
You can now check network connectivity with Reachability Analyzer
Run Reachability Analyzer
Inbound rules (1/1)
Manage tags
Edit inbound rules
Filter security group rules
Name
Security group rule...
IP version
Type
sgr-0915adc935323e2...
IPv4
RDP
Connect to an EC2 Instance by Using RDP [Guided]
11 Minutes Remaining
Instructions
Resources
Help
170%
T RDPSG, and then select Save changes.
The key and value are case sensitive.
Check your work
Previous
Next: Create an EC2 instance


https://labclient.labondemand.com/LabClient/f70c8ce1-4bfb-40d6-a8c6-eb8b4729484d?rc=10
EC2 Management Console
https://us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#CreateSecurityGroup:
aws
Services
Search
[Alt+S]
Ohio
LabUserRole/LabUserIod32702200 @ 7685-0701-3648
Security group name Info
RDPSG-32702200
Name cannot be edited after creation.
Description Info
Allows RDP
VPC Info
vpc-0a5fd67f951345254
Inbound rules Info
Inbound rule 1
Delete
Type Info
Custom TCP
Protocol Info
TCP
Port range Info
0
Source type Info
Custom
Source Info
Description - optional Info
Add rule
VPC
The VPC in which to create the security group.
Constraint
Not choosing a VPC will result in a EC2-Classic security group being created. This can only be used by classic instances.
Learn more
Create a security group
Security group rules
CloudShell
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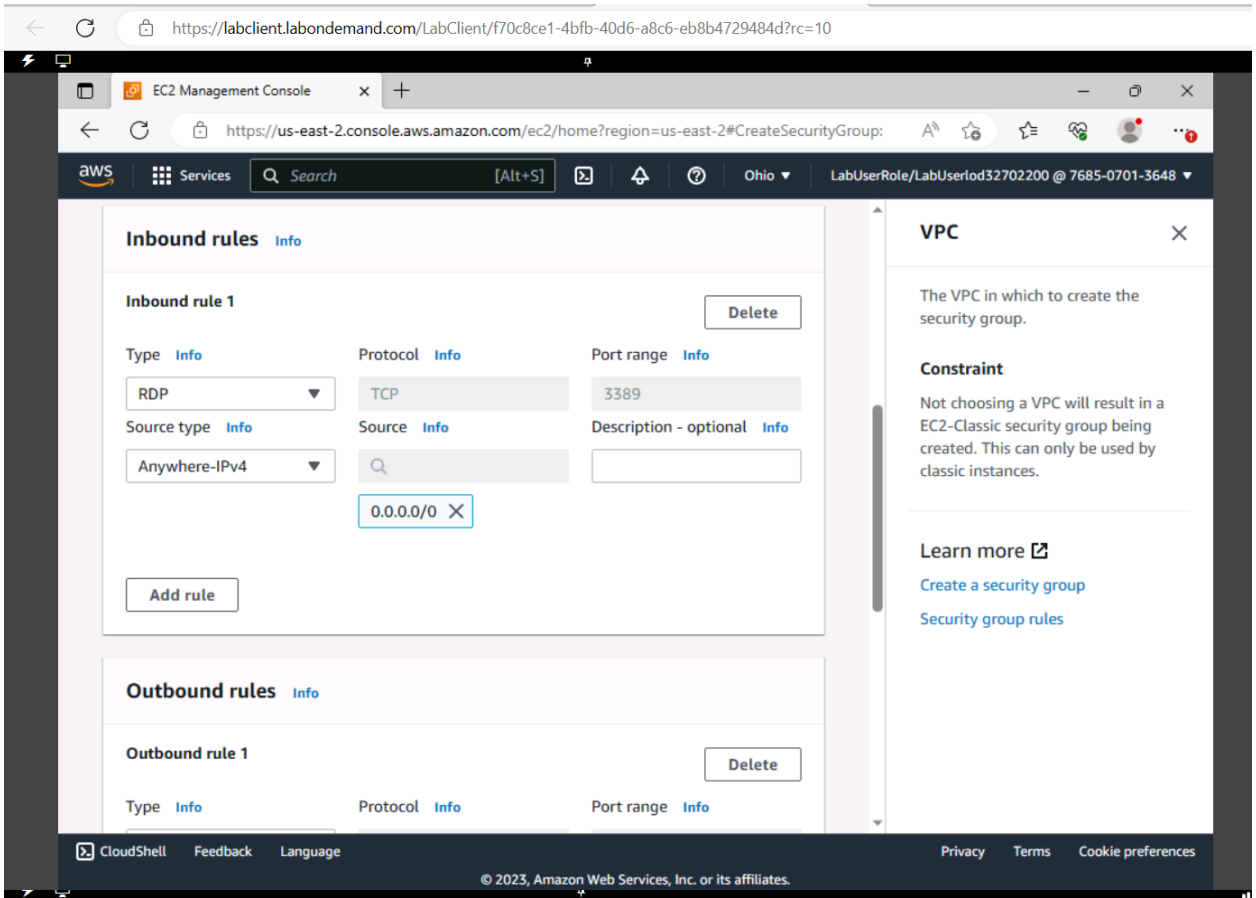
https://labclient.labondemand.com/LabClient/f70c8ce1-4bfb-40d6-a8c6-eb8b4729484d?rc=10
EC2 Management Console
https://us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#CreateSecurityGroup:
Services
Search
[Alt+S]
Ohio
LabUserRole/LabUserlod32702200 @ 7685-0701-3648
Inbound rules Info
Inbound rule 1
Delete
Type Info
Protocol Info
Port range Info
RDP
TCP
3389
Source type Info
Source Info
Description - optional Info
Anywhere-IPv4
0.0.0.0/0
Add rule
Outbound rules Info
Outbound rule 1
Delete
Type Info
Protocol Info
Port range Info
VPC
The VPC in which to create the security group.
Constraint
Not choosing a VPC will result in a EC2-Classic security group being created. This can only be used by classic instances.
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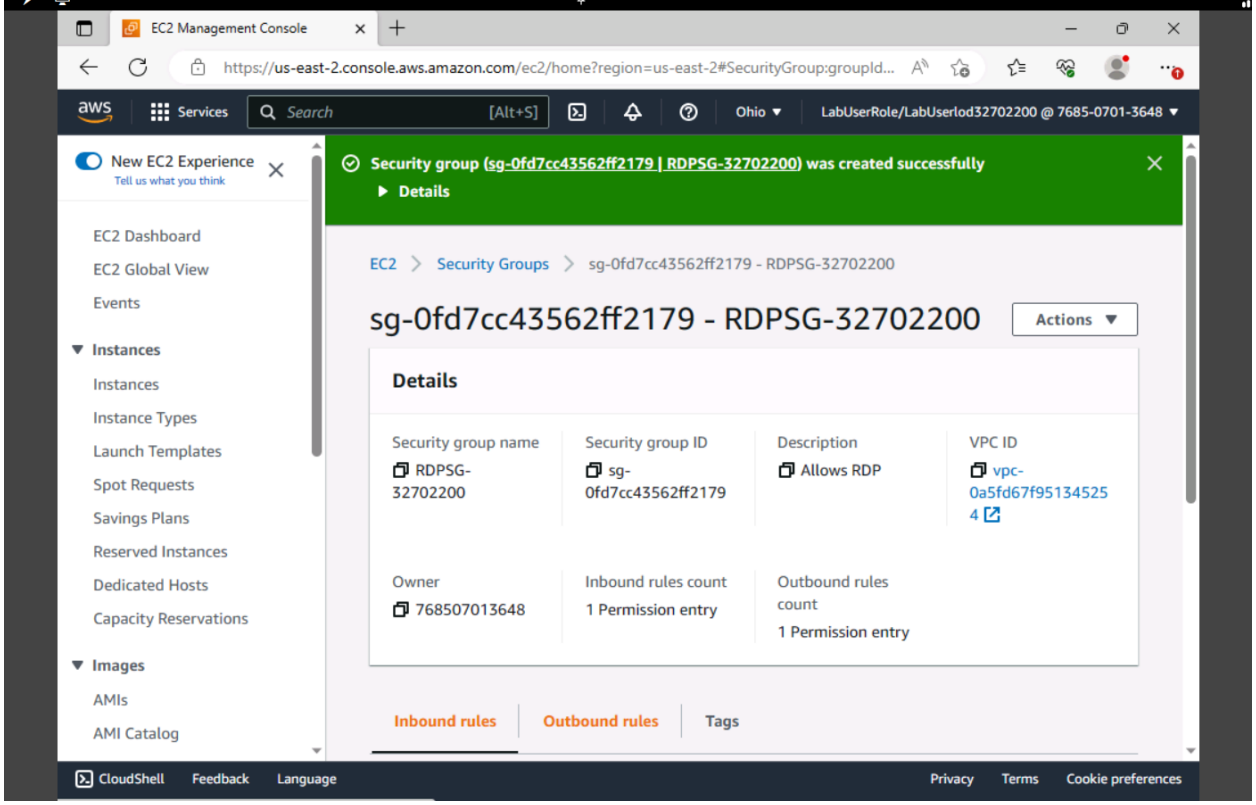
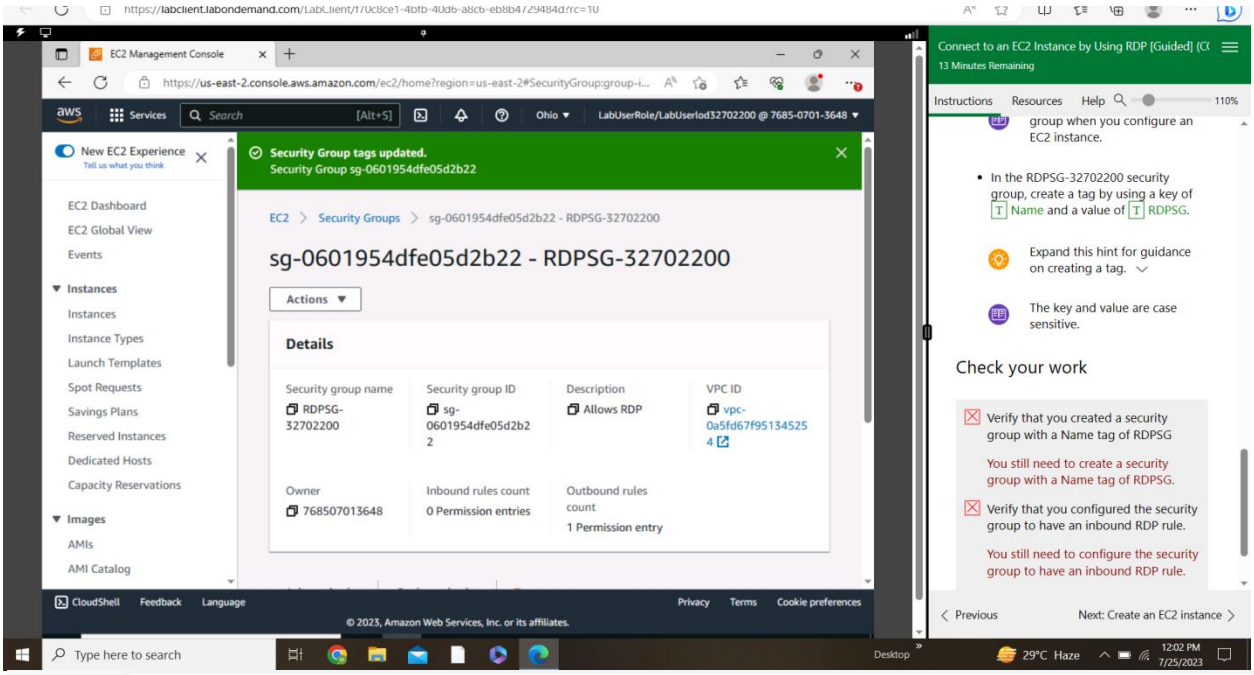
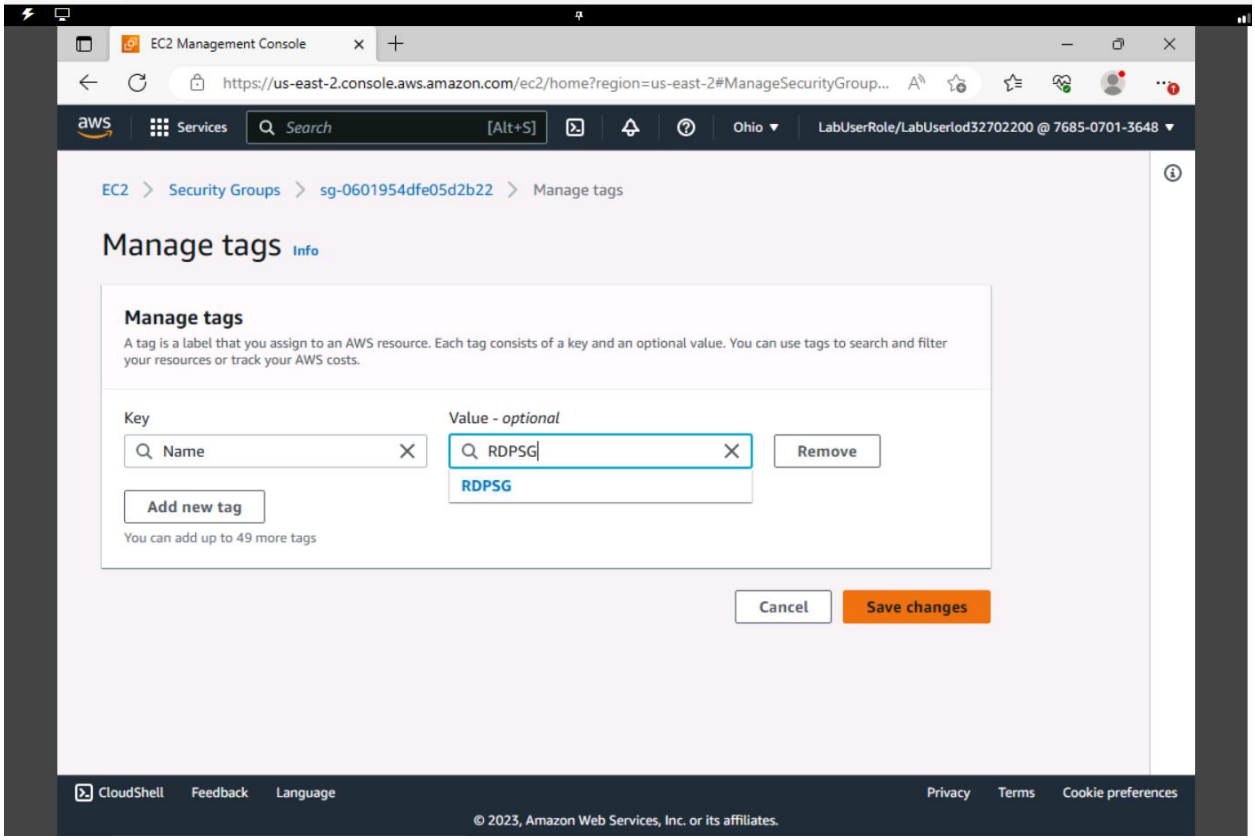
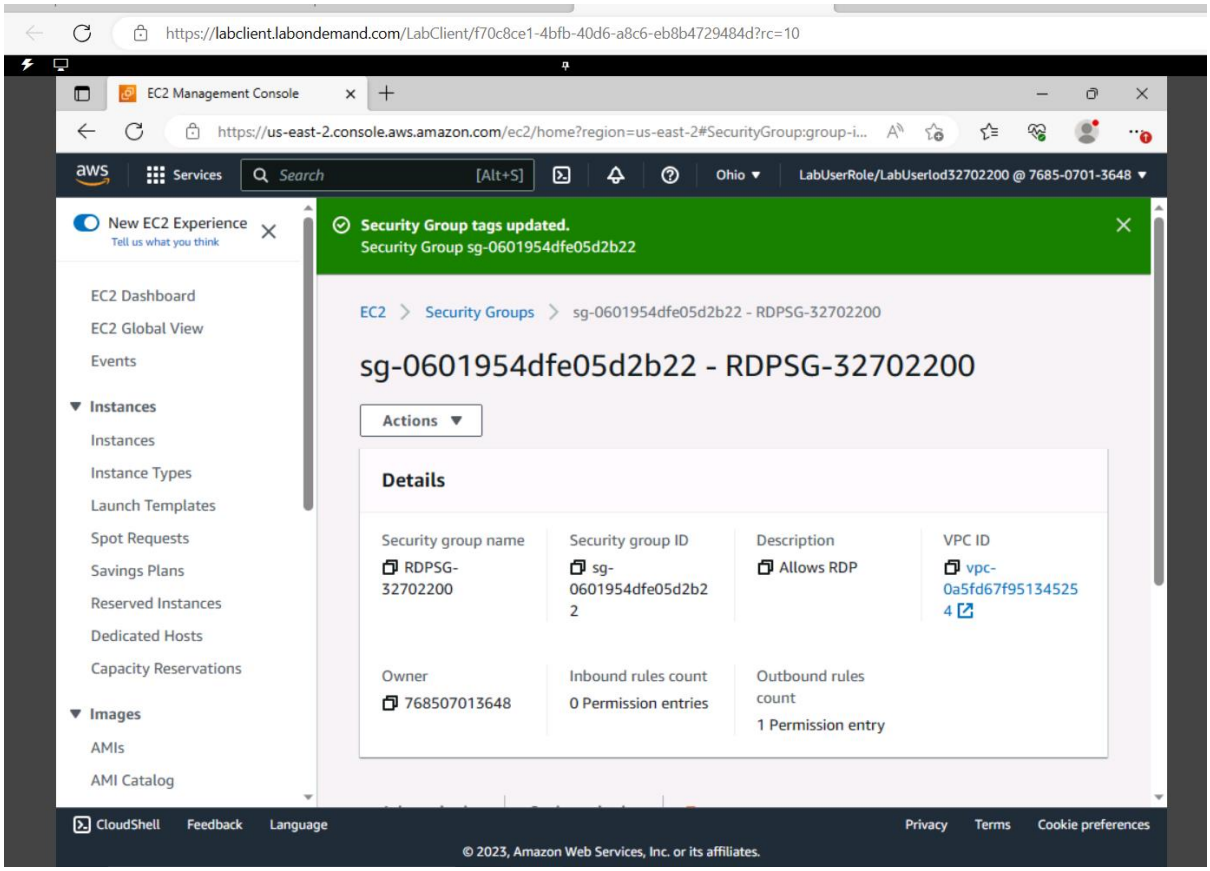

EC2 Management Console
https://us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#SecurityGroup:groupId...
Services
Search
[Alt+S]
Ohio
LabUserRole/LabUserlod32702200 @ 7685-0701-3648
New EC2 Experience
Tell us what you think
Security group (sg-0fd7cc43562ff2179 | RDPSG-32702200) was created successfully
Details
EC2 Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
EC2 > Security Groups > sg-0fd7cc43562ff2179 - RDPSG-32702200
sg-0fd7cc43562ff2179 - RDPSG-32702200
Actions
Details
Security group name
RDPSG-32702200
Security group ID
sg-0fd7cc43562ff2179
Description
Allows RDP
VPC ID
vpc-0a5fd67f951345254
Owner
768507013648
Inbound rules count
1 Permission entry
Outbound rules count
1 Permission entry
Inbound rules
Outbound rules
Tags
CloudShell
Feedback
Language
Privacy
Terms
Cookie preferences



https://labclient.labondemand.com/LabClient/f70c8ce1-4bfb-40d6-a8c6-eb8b4729484d?rc=10




https://labclient.labondemand.com/LabClient/f70c8ce1-4bfb-40d6-a8c6-eb8b4729484d?rc=10
EC2 Management Console
https://us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#SecurityGroup:group-i...
Services
Search
[Alt+S]
Ohio
LabUserRole/LabUserlod32702200 @ 7685-0701-3648
New EC2 Experience
Tell us what you think
Security Group tags updated.
Security Group sg-0601954dfe05d2b22
EC2 Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
EC2 > Security Groups > sg-0601954dfe05d2b22 - RDPSG-32702200
sg-0601954dfe05d2b22 - RDPSG-32702200
Actions
Details
Security group name
RDPSG-32702200
Security group ID
sg-0601954dfe05d2b22
Description
Allows RDP
VPC ID
vpc-0a5fd67f951345254
Owner
768507013648
Inbound rules count
0 Permission entries
Outbound rules count
1 Permission entry
CloudShell
Feedback
Language
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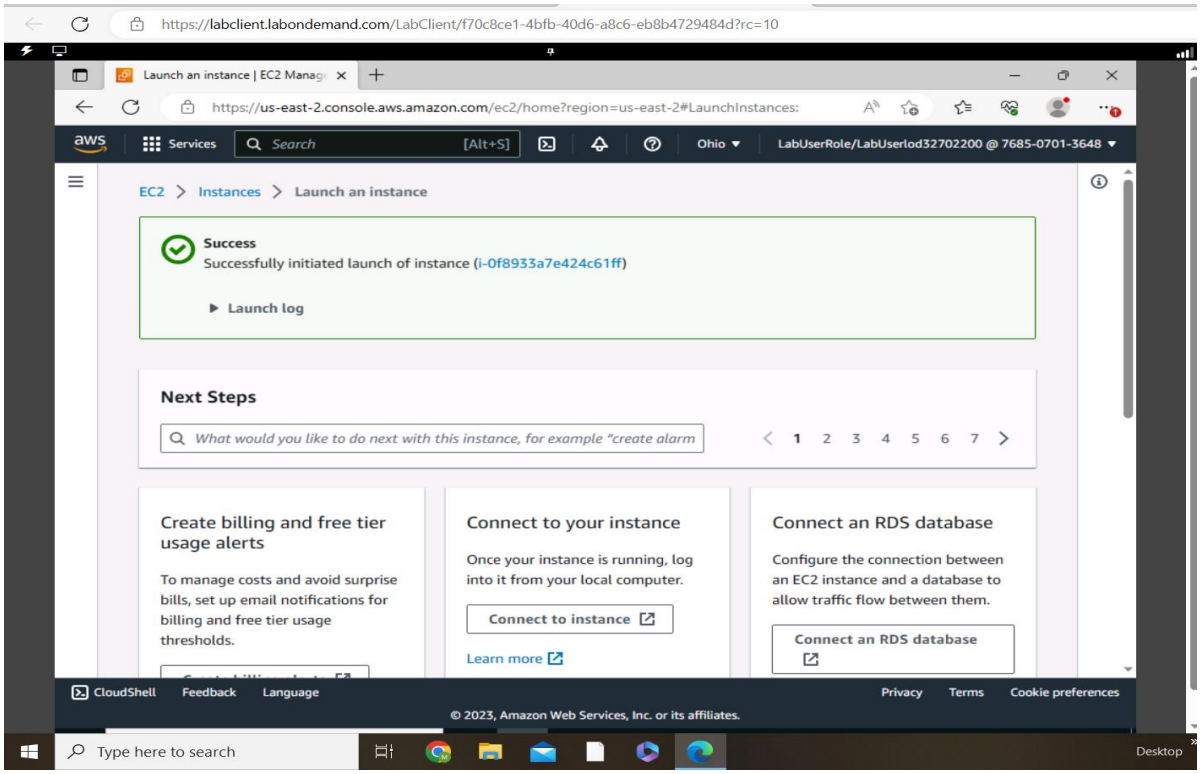
https://labclient.labondemand.com/LabClient/f70c8ce1-4bfb-40d6-a8c6-eb8b4729484d?rc=10
Launch an instance | EC2 Manag
https://us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#LaunchInstances:
Services
Search
[Alt+S]
Ohio
LabUserRole/LabUserlod32702200 @ 7685-0701-3648
EC2 > Instances > Launch an instance
Success
Successfully initiated launch of instance (i-0f8933a7e424c61ff)
Launch log
Next Steps
What would you like to do next with this instance, for example "create alarm
1 2 3 4 5 6 7
Create billing and free tier usage alerts
To manage costs and avoid surprise bills, set up email notifications for billing and free tier usage thresholds.
Connect to your instance
Once your instance is running, log into it from your local computer.
Connect to instance
Learn more
Connect an RDS database
Configure the connection between an EC2 instance and a database to allow traffic flow between them.
Connect an RDS database
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