लाइटसेल (□□□□□□□□□□)

यहां एक पॉलिसी है जो □□□□□□□□□□ इंस्टेंस को प्रबंधित करने के लिए आवश्यक अनुमतियां प्रदान करती है:

```
{
    "Version": "2012-10-17",
    "Statement": [
        {
            "Sid": "VisualEditor0",
            "Effect": "Allow",
            "Action": [
                "lightsail:CreateRelationalDatabaseSnapshot",
                "lightsail:GetRelationalDatabaseEvents",
                "lightsail:CreateContainerService",
                "lightsail:GetKeyPair",
                "lightsail:GetContactMethods",
                "lightsail:GetCloudFormationStackRecords",
                "lightsail:GetContainerServiceDeployments",
                "lightsail:GetBucketAccessKeys",
                "lightsail:CreateContainerServiceRegistryLogin",
                "lightsail:GetContainerImages",
                "lightsail:CreateRelationalDatabase",
                "lightsail:CreateContactMethod",
                "lightsail:CreateDistribution",
                "lightsail:GetDomain",
                "lightsail:GetBuckets",
                "lightsail:GetRelationalDatabaseParameters",
                "lightsail:GetInstanceState",
                "lightsail:GetOperationsForResource",
                "lightsail:AllocateStaticIp",
                "lightsail:GetInstances",
                "lightsail:GetRelationalDatabase",
                "lightsail:CreateLoadBalancer",
                "lightsail:GetDistributionLatestCacheReset",
                "lightsail:GetLoadBalancerTlsPolicies",
                "lightsail:GetLoadBalancers",
                "lightsail:GetExportSnapshotRecords",
                "lightsail:GetAutoSnapshots",
                "lightsail:GetStaticIp",
                "lightsail:GetRelationalDatabaseBundles",
```

```
"lightsail:GetRelationalDatabaseBlueprints",
"lightsail:CreateInstances",
"lightsail:GetRelationalDatabaseLogEvents",
"lightsail:GetContainerServices",
"lightsail:GetRelationalDatabaseSnapshot",
"lightsail:GetInstancePortStates",
"lightsail:DeleteContactMethod",
"lightsail:GetContainerServicePowers",
"lightsail:GetKeyPairs",
"lightsail:GetLoadBalancer",
"lightsail:DisableAddOn",
"lightsail:CreateCloudFormationStack",
"lightsail:GetRelationalDatabaseSnapshots",
"lightsail:UnpeerVpc",
"lightsail:GetLoadBalancerTlsCertificates",
"lightsail:GetAlarms",
"lightsail:GetInstance",
"lightsail:CreateDomain",
"lightsail:GetDiskSnapshots",
"lightsail:GetRelationalDatabaseMetricData",
"lightsail:PeerVpc",
"lightsail:CreateCertificate",
"lightsail:CreateKeyPair",
"lightsail:SendContactMethodVerification",
"lightsail:GetStaticIps",
"lightsail:GetRegions",
"lightsail:GetOperation",
"lightsail:GetDistributions",
"lightsail:GetDomains",
"lightsail:GetDisks",
"lightsail:CreateDisk",
"lightsail:GetBundles",
"lightsail:GetInstanceMetricData",
"lightsail:GetBucketBundles",
"lightsail:GetContainerServiceMetricData",
"lightsail:GetActiveNames",
"lightsail:GetInstanceSnapshot",
"lightsail:GetOperations",
"lightsail:EnableAddOn",
"lightsail:GetDistributionBundles",
```

```
                "lightsail:GetBlueprints",
                "lightsail:GetContainerAPIMetadata",
                "lightsail:GetCertificates",
                "lightsail:GetLoadBalancerMetricData",
                "lightsail:GetDiskSnapshot",
                "lightsail:DeleteAutoSnapshot",
                "lightsail:CopySnapshot",
                "lightsail:GetDisk",
                "lightsail:GetDistributionMetricData",
                "lightsail:GetRelationalDatabases",
                "lightsail:GetContainerLog",
                "lightsail:GetBucketMetricData",
                "lightsail:ImportKeyPair",
                "lightsail:DownloadDefaultKeyPair",
                "lightsail:IsVpcPeered",
                "lightsail:GetInstanceSnapshots",
                "lightsail:CreateBucket",
                "lightsail:GetRelationalDatabaseLogStreams",
                "lightsail:DeleteInstance",
                "lightsail:DeleteInstanceSnapshot",
                "lightsail:OpenInstancePublicPorts"
            ],
            "Resource": "*"
        },
        {
            "Sid": "VisualEditor1",
            "Effect": "Allow",
            "Action": [
                "lightsail:*",
                "network-firewall:*"
            ],
            "Resource": "arn:aws:lightsail:*:464063468077:Bucket/*"
        }
    ]
}
```

इस पॉलिसी में शामिल प्रमुख क्रियाएं हैं:

```
"lightsail:DeleteInstance",
"lightsail:DeleteInstanceSnapshot",
"lightsail:OpenInstancePublicPorts"
```

इस पॉलिसी को एक उपयोगकर्ता या भूमिका से जोड़ा जा सकता है ताकि आवश्यक अनुमतियां प्रदान की जा सकें।

“‘□□□□□□□ □□□□□□□ □□□□□□□□□□□□ □□□□□□□ □□□□□□□ □□□□□□□ □□□□□□□ □□□□□□□ □□□□□□□□□ □□□□□□□ □□□□□ □□□□□□□ □□

□□□_□□□□□ = □□.□□□□□.□□□□□□□□□□□□□(“~/□□□□□□□□□□□/□□□□□□□□□□□□□□□□□□□□□□□□□□□□-□□-□□□□□□□□□□□-1.□□□”)

□□□□ _□□□□_□□□□□□□□□□□_□□□□□□□□□□□□(): □□□□□□(“□□□□□□□□□□ □□□□□□□□□□ □□□□□□□□□□□...”) □□□□: □□□□□□□ = □□□□□□□-□□□□□.□□□□([“□□□□”, “□□□□□□□□□□□”, “□□□□-□□□□□□□□□□□”], □□□□□□□□_□□□□□□□=□□□□□, □□□□□=□□□□□, □□□□□□=□□□□□) □□□□□□(“□□□□□□□□□□ □□□□□□□□□□ □□□□□□□□ □□□□□□□□□□□□□□□□.”) □□□□□□□ □□□□□.□□□□□_□□□□□(□□□□□□□.□□□□□□□) □□□□□□□ □□□□□□□-□□□□□.□□□□□□□□□□□□□□□□□□□□□□□ □□ □: □□□□□□(□”□□□□□□ □□□□□□□□ □□□□□□□□□□ □□□□□□□□□□□: {□}“) □□□□□□□ □□□□□ □□□□□□□ □□□□□.□□□□□□□□□□□ □□ □: □□□□□□(□”□□□□□□ □□□□□□□□□ □□□□□ □□□□□□□□□: {□}“) □□□□□□□ □□□□□ □□□□□□□ □□□□□□□□□□ □□ □: □□□□□□(□”□□ □□□□□□□□□□□□ □□□□□□ □□□□□□□□□: {□}“) □□□□□□□ □□□□□

□□□□ _□□□□_□□□□□□□□□□□_□□□□□□□□□□(□□□□□□□□□□_□□□□□): □□□□□□(□”□□□□□□□□□ □□□□□□□□ □□□□ □□□□□□□□□□: {□□□□□□□□□□_□□□□□}“) □□□□: □□□□□□□ = □□□□□□□□□□□□.□□□□([”□□□□”, ”□□□□□□□□□□□”, ”□□□□-□□□□□□□□□□”, ”–□□□□□□□□□□-□□□□□”, □□□□□□□□□_□□□□□], □□□□□□□□_□□□□□□□=□□□□□, □□□□□=□□□□□, □□□□□□=□□□□□) □□□□□□□□□_□□□□□ = □□□□□.□□□□□_□□□□□(□□□□□□□.□□□□□□□) □□ □□□□ □□□□□□□□□_□□□□□ □□ ‘□□□□□□□□□’□□□□ □□ □□□□□□□□□_□□□□□: □□□□□□(□”□□□□□□ □□□□ □□□□□ □□□□□□□□□ □□□□□ □□□□□: {□□-□□□□□□□_□□□□□}“) □□□□□□□ □□□□□ □□□□□□□ □□□□□□□□□_□□□□□[‘□□□□□□□□□’] □□□□□□□ □□□□□□□□□□□.□□□□□□□□□□□□□□□□□□□□□□ □□ □: □□□□□□(□”□□□□□□ □□□□□□□□ □□□□□□□□□ □□□□□□□□: {□}“) □□□□□□□ □□□□□ □□□□□□□ □□□□□.□□□□□□□□□□ □□ □: □□□□□□(□”□□□□□□ □□□□□□□□□ □□□□□ □□□□□□□□□: {□}“) □□□□□□□ □□□□□ □□□□□□□ □□□□□□□□□□ □□ □: □□□□□□(□”□□ □□□□□□□□□□□□ □□□□□□ □□□□□□□□□: {□}“) □□□□□□□ □□□□□

□□□□ □□□□□□□_□□□□□□□□□□_□□□□□□□□□□(□□□□□□□□□□_□□□□□=□□□□□, □□□□□□□□□□□□□□□_□□□□□=“□□-□□□□□□□□□□□-1□”, □□□□-□□□□_□□=“□□□□□_2_0”, □□□□□_□□□□□=□□□□□): □□ □□□□ □□□□□□□□□□_□□□□□: □□□□□□□_□□□□□□ = ”.□□□□□(□□□□□□□.□□□□□□□(□□□□□□□.□□□□□□_□□□□ _ □□ □□□□□□(4)) □□□□□□□□□_□□□□□ = □”{□□□□□□□_□□□□□□}”

```
if not user_data:
    user_data = """#!/bin/bash
    sudo apt update
    """
print(f"Creating Lightsail instance with name: {instance_name}, zone: {availability_zone}, bundle: {bundle_id}

command = [
    "aws", "lightsail", "create-instances",
    "--instance-names", instance_name,
    "--availability-zone", availability_zone,
    "--bundle-id", bundle_id,
    "--blueprint-id", "ubuntu_24_04"
]

if user_data:
    command.extend(["--user-data", user_data])

try:
```

```
    subprocess.run(command, check=True)
    print(f"Lightsail instance '{instance_name}' created successfully.")
    return instance_name
except subprocess.CalledProcessError as e:
    print(f"Error creating Lightsail instance: {e}")
    return None
```

[illegible]_[illegible]_[illegible]_[illegible]([illegible]_[illegible]=[illegible]): [illegible] [illegible]_[illegible]: [illegible]([illegible]"[illegible] [illegible]-[illegible]: {[illegible]_[illegible]}") [illegible]([illegible]"[illegible] [illegible]: [illegible] [illegible] [illegible]-[illegible] –[illegible]-[illegible] {[illegible]_[illegible]}") [illegible]: [illegible].[illegible](["[illegible]", "[illegible]", "[illegible]-[illegible]", "–[illegible]-[illegible]", [illegible]_[illegible]], [illegible]=[illegible]) [illegible]([illegible]"[illegible] [illegible] '{[illegible]_[illegible]}'[illegible] [illegible].") [illegible] [illegible].[illegible] [illegible] [illegible]: [illegible]([illegible]"[illegible] [illegible] [illegible] [illegible]: {[illegible]}") [illegible]

```
instances_yaml = _get_lightsail_instances()
if not instances_yaml or 'instances' not in instances_yaml:
    print("No Lightsail instances found to delete.")
    return

instance_list = instances_yaml['instances']
if not instance_list:
    print("No Lightsail instances found to delete.")
    return

for instance in instance_list:
    instance_name = instance['name']
    print(f"Deleting instance: {instance_name}")
    print(f"Executing command: aws lightsail delete-instance --instance-name {instance_name}")
    subprocess.run(["aws", "lightsail", "delete-instance", "--instance-name", instance_name], check=True)
print("All Lightsail instances deleted successfully.")
```

[illegible] [illegible]_[illegible]_[illegible]([illegible]_[illegible]): [illegible] = _[illegible]_[illegible]_[illegible]([illegible]_[illegible]) [illegible] [illegible] [illegible]: [illegible] [illegible]_[illegible] = [illegible]['[illegible]'] [illegible]([illegible]"[illegible] [illegible] [illegible] [illegible] [illegible]: {[illegible]_[illegible]} [illegible] [illegible]: {[illegible]_[illegible]}") [illegible]_[illegible] = """#!/[illegible]/[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] - [illegible]"[illegible]([illegible] -[illegible]- [illegible]://[illegible].[illegible].[illegible]/[illegible]-[illegible]/[illegible]-[illegible]/[illegible]/[illegible]/[illegible]_[illegible]/[illegible]

```
os.chmod(KEY_PATH, 0o600)
print(f"Executing command: chmod 600 {KEY_PATH}")

ssh_command = [
    "ssh",
```

```
    "-i",
    KEY_PATH,
    f"ubuntu@{public_ip}",
    user_data
]
print(f"Executing command: {' '.join(ssh_command)}")
try:
    subprocess.run(ssh_command, check=True)
    print(f"Outline server installed on {instance_name} successfully.")
except subprocess.CalledProcessError as e:
    print(f"Error installing outline server: {e}")
```