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Troubleshooting and performance on OCI

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OCI Enablement Product Manager

Module Objectives

Identity and access management policy troubleshooting

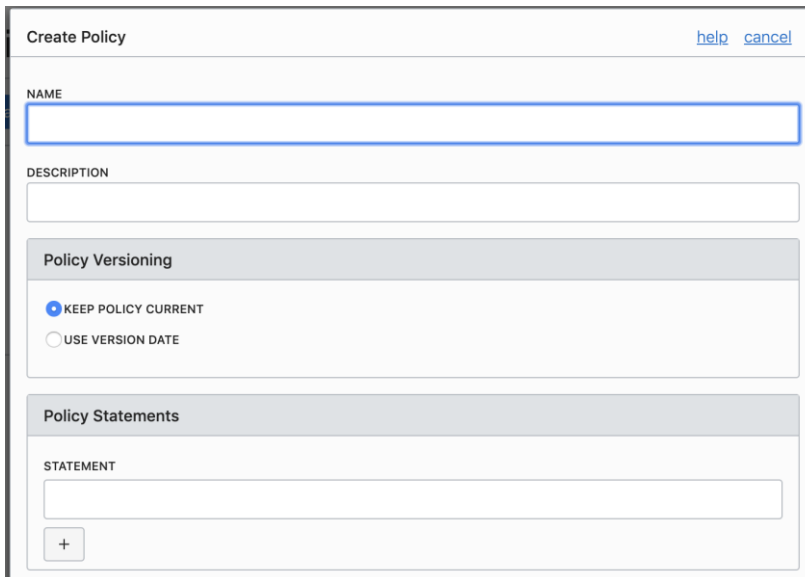
Subnet or VCN Deletion

Block Volume performance

Unable to SSH/Connect to Webserver

Policy

- First check if you have access to IAM in the account
- Where is the policy located in the account?



The screenshot shows the 'Create Policy' form in the AWS IAM console. The form is titled 'Create Policy' and has links for 'help' and 'cancel'. It contains the following sections:

- NAME:** A text input field with a blue border.
- DESCRIPTION:** A text input field.
- Policy Versioning:** A section with two radio buttons: 'KEEP POLICY CURRENT' (selected) and 'USE VERSION DATE'.
- Policy Statements:** A section with a 'STATEMENT' text input field and a '+' button to add more statements.

Identity

Users

Groups

Dynamic Groups

Policies

Compartments

Subnet or VCN Deletion

- When trying to clean up resources in the account may be unable to remove subnet or VCN
- Steps to take:
 - Make sure there is nothing running in either level

Block volume performance

- Testing performance using fio

```
sudo yum install fio -y
```

```
sudo fio --filename=/custom mount point/file --size=500GB --direct=1 --rw=randrw  
--bs=4k --ioengine=libaio --iodepth=256 --runtime=120 --numjobs=4 --  
time_based --group_reporting --name=iops-test-job --eta-newline=1
```

```
sudo fio --filename=/custom mount point/file --size=500GB --direct=1 --rw=randrw  
--bs=64k --ioengine=libaio --iodepth=64 --runtime=120 --numjobs=4 --  
time_based --group_reporting --name=throughput-test-job --eta-newline=1
```

Unable to SSH to instance

- Checking the security list and NSG
- Checking the route configurations
- Making sure the internet gateway is connected to the VCN
- Or VPN/Fastconnect setup
- Making sure the firewall on the OS is set correctly

Summary

- Steps to troubleshoot issues in OCI
- What to do if you are unable to connect to an instance or we server
- Policy is attached but unable to access resource
- Checking that you have the correct performance on the block volume

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Cloud Infrastructure

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