

Configure NSG Flow Logs for CTB

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Introduction

This document describes how to configure NSG logs as a data input for Cisco Telemetry Broker (CTB).

Prerequisites

Requirements

- Azure cloud portal access with privilege to create storage account, Network Security Group (NSG) flow logs.
- Azure resources group in any location.
- CTB with one Manager and at least 1 broker node.

Components Used

- CTB (v.2.2.1)
- Azure

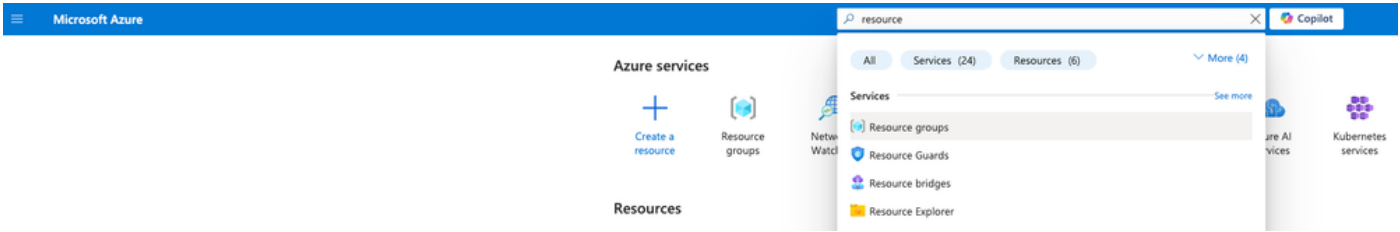
The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Configuration Steps

Configure Storage Account

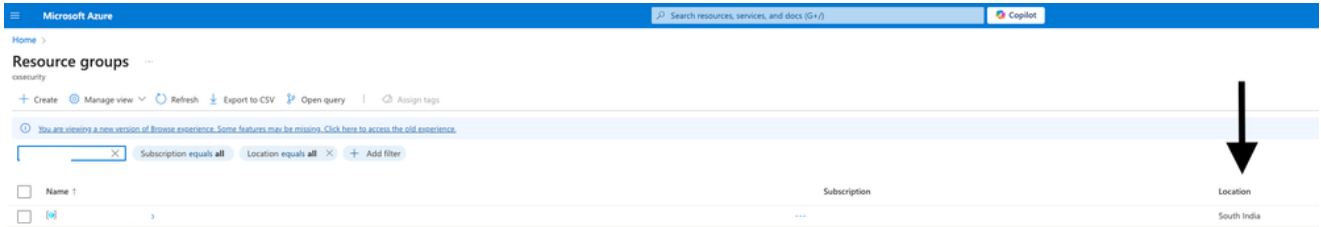
Create storage account and resource in same Azure location.

Step 1: Navigate to **Resource group** from dashboard search bar.

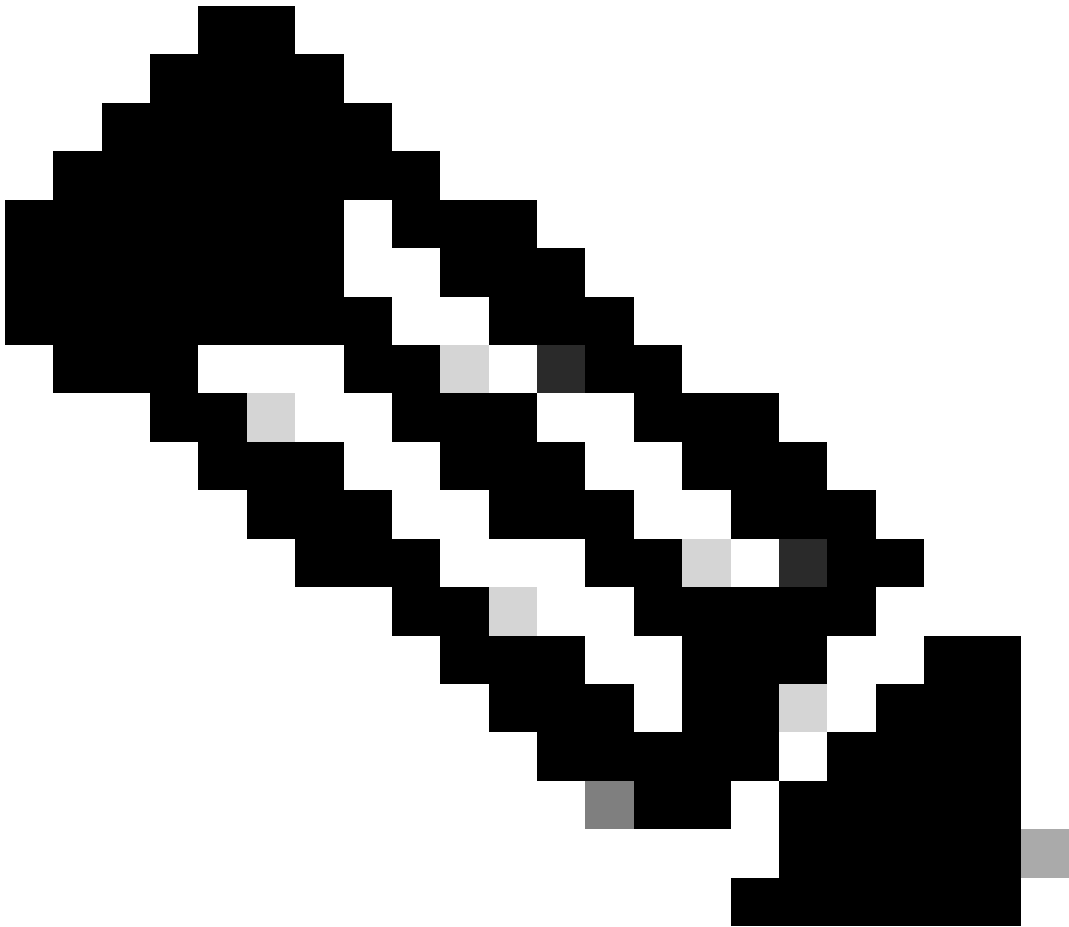


Azure-UI- Resource Group

Step 2: Locate your **Resource group** and check the **Location** column.

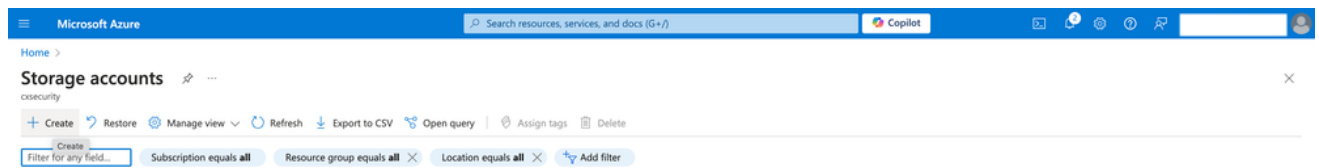


Azure-UI Resource Group with location



Note: Since the resource group is in the South India location, the storage account is also in the South India location.

Step 3: Navigate to **Storage account** via dashboard search bar.



Azure-UI Storage Account

Step 4: Select your **Resource group**, assign **Storage accountname**, and select **Region** .

Microsoft Azure

Search resources, services, and docs (G+/I)

Home > Storage accounts >

Create a storage account

Basics Advanced Networking Data protection Encryption Tags Review + create

Azure Storage is a Microsoft-managed service providing cloud storage that is highly available, secure, durable, scalable, and redundant. Azure Storage includes Azure Blobs (objects), Azure Data Lake Storage Gen2, Azure Files, Azure Queues, and Azure Tables. The cost of your storage account depends on the usage and the options you choose below. [Learn more about Azure storage accounts](#)

Project details

Select the subscription in which to create the new storage account. Choose a new or existing resource group to organize and manage your storage account together with other resources.

Subscription *

Resource group * [Create new](#)

Instance details

Storage account name * ①

Region * ① [Deploy to an Azure Extended Zone](#)

Performance * ①

☒ **Standard:** Recommended for most scenarios (general-purpose v2 account)

☐ **Premium:** Recommended for scenarios that require low latency.

Redundancy * ①

☒ Make read access to data available in the event of regional unavailability.

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Create a storage account

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Basics

Subscription

Resource group

Location

Storage account name

Performance

Replication

South India

Standard

Read-access geo-redundant storage (RA-GRS)

Advanced

Enable hierarchical namespace

Enable SFTP

Enable network file system v3

Allow cross-tenant replication

Access tier

Enable large file shares

Disabled

Disabled

Disabled

Disabled

Hot

Enabled

Security

Secure transfer

Blob anonymous access

Allow storage account key access

Default to Microsoft Entra authorization in the Azure portal

Enabled

Disabled

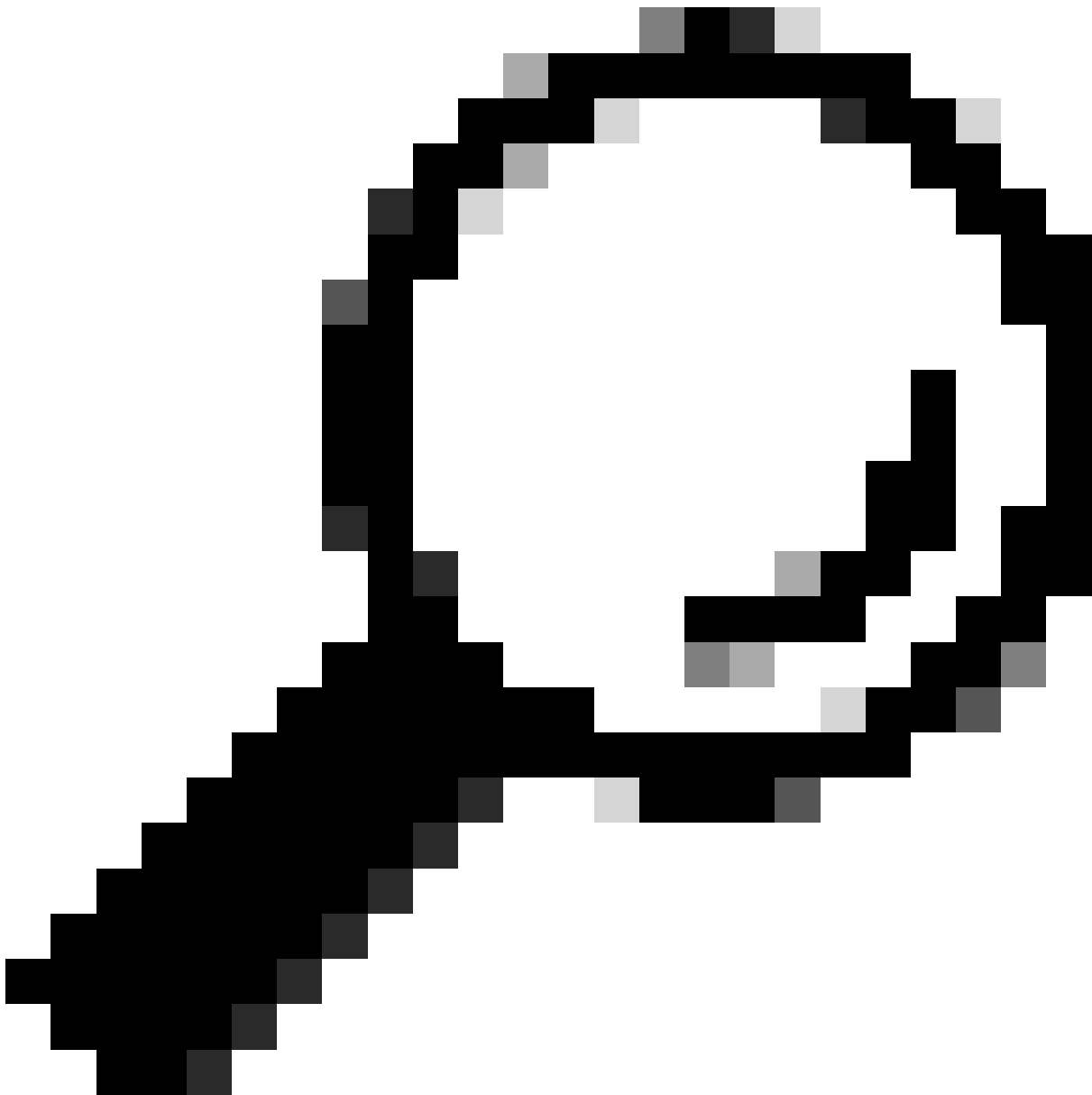
Enabled

Disabled

Previous

Next

Create

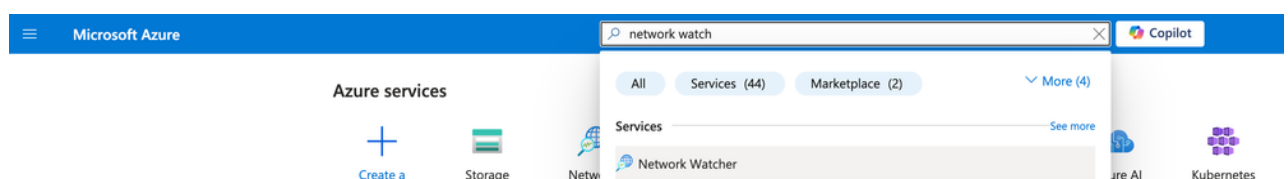


Tip: You can go directly to review and create storage account if there are no further customizations to be done on storage account.(retention days, encryption type and so on).

Create NSG Flow Logs

Steps to create NSG Flow logs.

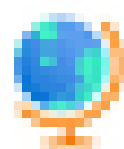
Step 1: Navigate to **Network Watcher** from search bar.



Step 2: Expand the **Logs** folder on the left side and click **Flow logs**.



[Home](#) >



Network Watcher



Microsoft



Overview



Get started



Monitoring



Network diagnostic tools



Metrics



Logs



Flow logs



Migrate flow logs