

How to configure the snapshot directory

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How to configure the snapshot directory for an Managed Instance Distributor

This is a "How To" TSG to show you how the snapshot directory can be (re-)configured for a Distributor hosted on Managed Instance.

Note that you need to replace logins, passwords, account names etc. with your own configuration.

The snapshot directory is configured through a property of the Distributor. The steps below demonstrate how to set up the snapshot storage and how to set the Distributor properties pointing to the storage.

Create storage account and file share

- [Create an Azure storage account](#) ☑ for the working directory
- [Create a file share](#) ☑ within the storage account
- Copy the file share path in the format of:

`\\storage-account-name.file.core.windows.net\file-share-name .`

Example: `\\replstorage.file.core.windows.net\snapshots`

- View the [storage account access keys](#) ☑
- Copy the storage account access keys in the format of:

`DefaultEndpointsProtocol=https;AccountName=<Storage-Account-Name>;AccountKey=****;EndpointSuffix=core.windows.net`

Example:

`DefaultEndpointsProtocol=https;AccountName=replstorage;AccountKey=dYT5hHZVu9aTgIteGfpYE64cfis0mpKTmmc8+EP53GxuRg6TCwe5eTYWrQM4AmQSG51b30Bskhg==;EndpointSuffix=core.windows.net`

Configure a new Distributor

```
-- enable distribution
EXEC sp_adddistributor @distributor = @@ServerName, @password = N'$trongPa11word';

-- create distribution database
EXEC sp_adddistributiondb @database = N'Distribution';
GO



-- Configure the Publisher at the Distributor
-- CRITICAL: Port 445 (TCP outbound) needs to be open in the security rules of the Managed Instance subnet to
-- set the name of the publisher here:
EXEC sp_adddistpublisher @publisher = @@ServerName,
    @distribution_db = N'Distribution',
    @security_mode = 0,
    @login = N'TRANREPLADMIN',
    @password = N'$trongPa11word',
    @working_directory = N'\\replstorage.file.core.windows.net\snapshots',
    @storage_connection_string = N'DefaultEndpointsProtocol=https;AccountName=replstorage;AccountKey=dYT5hHZV
```

Change an existing Distributor

```
exec sp_changedistpublisher @publisher = @@ServerName,
    @property = N'working_directory',
    @value = N'\\replstorage.file.core.windows.net\snapshots';

exec sp_changedistpublisher @publisher = @@ServerName,
    @property = N'storage_connection_string',
    @value = N'DefaultEndpointsProtocol=https;AccountName=replstorage;AccountKey=dYT5hHZVu9aTgIteGfpYE64cfis0m
```

Public Doc Reference

- [Mount SMB Azure file share on Windows](#)  (this is helpful if you need to view and manage snapshot files manually)
- [Tutorial: Configure replication between two managed instances](#) 

How good have you found this content?

