NASUNI.

Installing Nasuni Filer on Customer-Provided Azure Storage
Getting Started Guide

Welcome!

Welcome to the Nasuni family of clients. The Nasuni Filer is your connection to Nasuni's services, giving you a single point of control to manage your storage in your Microsoft Azure cloud. Nasuni enables you to absorb data growth, reduce headaches due to backups, and experience the security of offsite replication.

Enjoy powerful data storage and global multi-site access to files — simplified!

Documentation is at: http://www.nasuni.com/support/documentation

Downloading software for Nasuni Filer and Nasuni Management Console

To download software for Nasuni Filer and Nasuni Management Console (NMC):

1. Go to the Nasuni evaluation Web site at http://www.nasuni.com/partner/microsoft.
2. Click **Start an Evaluation**. Enter contact information and click **Submit**.
3. After you receive email verification from Nasuni, download the installation software by logging in to your Nasuni account Web site (https://account.nasuni.com/) and clicking **Downloads**.

Installing the Nasuni Filer

Note: Confirm with Nasuni Sales or Support that your Nasuni account is configured to work with your existing Microsoft Azure account.

To install the Nasuni Filer virtual appliance:

1. Unzip the Nasuni Filer installation file.
2. Install the Nasuni Filer virtual appliance. See *Installing the Nasuni Filer on Virtual Platforms* for details.
3. On the console screen, determine or set the IP address of the Nasuni Filer in one of the following ways:
    - If DHCP is available on the network, make note of the IP address that appears.
    - Otherwise, press Enter. Use the username: service and the password: service. Enter editnetwork. Enter setall static. Follow prompts to enter network parameters. Enter save.
4. Record the IP address on the console screen in order to access the Nasuni Filer user interface.

Configuring Microsoft Azure credentials

Note: Port 443 (HTTPS) must be open outbound from the Nasuni Filer to Microsoft Azure.

Note: If you change Microsoft Azure credentials, update the Nasuni Filer or NMC, to retain access to data.

Note: Nasuni supports the geo-redundant storage (GRS) type of storage replication.

To configure Microsoft Azure credentials:

1. To use the Nasuni Filer, open a Web browser and enter the IP address you recorded using this command:

    https://<IP address>:8443
    The Nasuni Filer user interface appears.

    Alternatively, open the Nasuni Management Console (NMC).

2. Click **Configuration** (on NMC, **Account**), then select **Cloud Credentials** from the menu. Enter the credentials for Microsoft Azure, including the following:
    - **Name**: A name for this set of credentials, which is used for display purposes.
    - **Account Name**: The Microsoft Azure Account Name for this set of credentials.
    - **Primary Access Key**: The Microsoft Azure Primary Access Key for this set of credentials.
    - **Hostname**: The hostname for the location of the cloud service provider. Use the default setting.
    - **Verify SSL Certificates**: Use the default **On** setting.
    - **Targets** (on NMC): The target Nasuni Filers.

At this point, you can begin adding volumes to the Nasuni Filer.

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Troubleshooting Tips

If the Nasuni Filer virtual appliance does not display the IP address of the Web-based interface within 10 minutes after being powered on, then shut down the Nasuni Filer virtual appliance. After powering the Nasuni Filer virtual appliance back on, watch the boot sequence. If the boot sequence does not end on a screen displaying the IP address of the Web-based user interface, then record any errors that appear on the console and contact Nasuni Technical Support at 888.662.7864.

Tip: If directed by Nasuni Customer Support, to enable or disable Nasuni's compression and deduplication, or to adjust the chunk size, select the volume from the **Volumes** list (Filer) or select **Cloud I/O** from the **Volumes** page (NMC), then edit settings.

Additional Guidelines for Nasuni Filer and Nasuni Management Console
- Volume creation, volume connection and credentials verification can each take up to 2 minutes.
- Be careful changing existing credentials on Nasuni. The connection between the Nasuni Filer and the container could become invalid, causing loss of data access. Credential editing is to update access for account name or access key changes on the Microsoft Azure system.
- Selecting the "Secure transfer required" feature for an Azure Storage account does not affect the operation of the Nasuni Filer.

We're Here for You
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