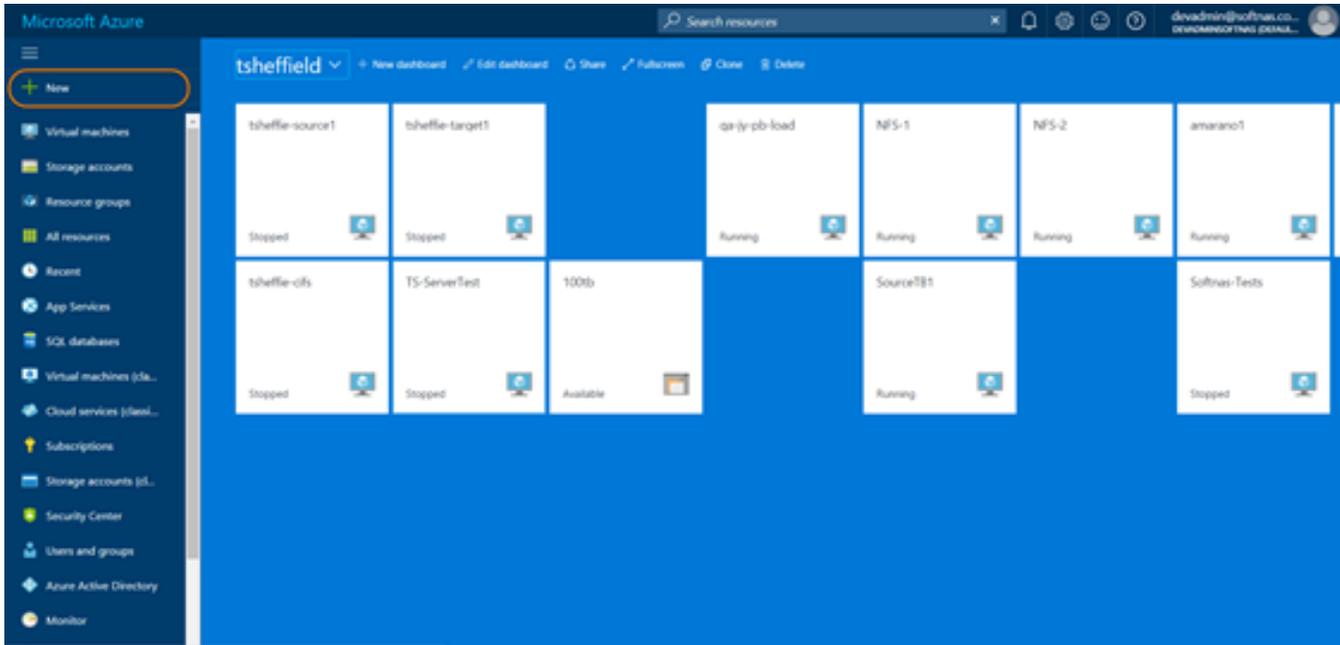


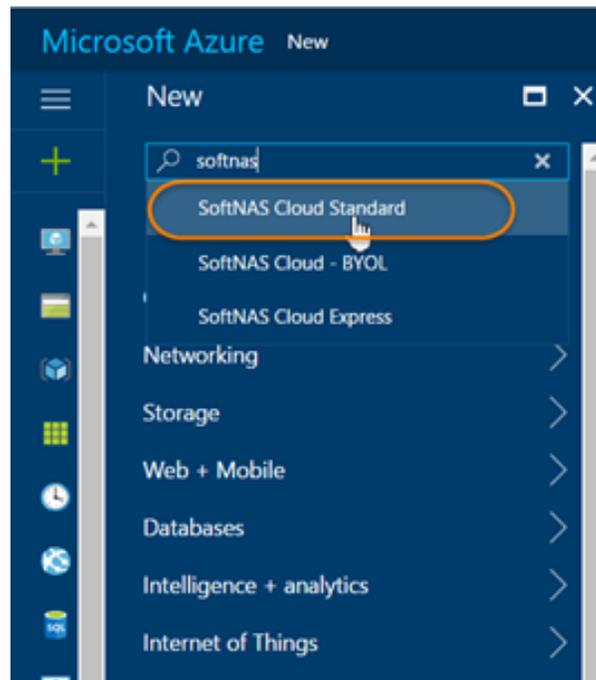
Azure Getting Started - Launching Your Virtual Machine

Launching your 1st Instance from the Azure Portal

Once logged into the azure portal, you will see the dashboard. This dashboard is configurable, so it may appear with different tiles, particularly if other users have access to the same account. To create a new SoftNAS instance, simply click **New** from the left-hand menu.



Type SoftNAS into the search bar, and filter for the desired version.



Select the desired Virtual Machine Image.

- **SoftNAS Cloud Essentials** - Low-cost and high performance cloud storage repositories for cloud backup, disaster recovery and archive for secondary data.
- **SoftNAS Cloud Enterprise** - Full-featured, enterprise cloud NAS file for primary data using either block, object or both types of storage.
- **SoftNAS Cloud Platinum** - Integrated, global cloud data platform with high speed data transfer, Lift & Shift, and storage auto-tiering of aged data.
- **SoftNAS Cloud BYOL** – purchase a license from SoftNAS Sales, unlimited licenses available for large-scale solutions.

Everything

Filter

SoftNAS Cloud Standard

Results

| NAME | PUBLISHER | CATEGORY |
|---------------------------------|-----------|----------|
| SoftNAS Cloud Standard | SoftNAS | Compute |
| SoftNAS Cloud Express | SoftNAS | Compute |
| SoftNAS Cloud - BYOL | SoftNAS | Compute |
| SoftNAS Cloud Standard (Staged) | SoftNAS | Compute |
| SoftNAS Cloud Express (Staged) | SoftNAS | Compute |
| SoftNAS Cloud - BYOL (Staged) | SoftNAS | Compute |

Related to your search

iSCSI, NAS - "The Works" StoneFly Cloud Storage
StoneFly, Inc.

StoneFly Scale Out NAS Cloud Storage
StoneFly, Inc.

SoftNAS Cloud - BYOL

Microsoft Azure cloud without re-architecting applications or a physical storage appliance.

Free Test Drive

In less than 10 minutes, you can use SoftNAS Cloud for Microsoft Azure without set-up or configuration. Try it yourself and see the easiest cloud file storage on Azure. No credit card or Azure subscription required.

[Launch Free Test Drive](#)

Free 30-Day Trial

Go deeper and use all the enterprise-class NAS features of SoftNAS Cloud on Azure in your own pilot environment. No credit card required.

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Capacity

- SoftNAS Cloud Express: Up to 1 terabyte of on-demand storage
- SoftNAS Cloud Standard: Up to 20 terabytes of on-demand storage
- SoftNAS Cloud can scale to Azure Blob Storage from gigabytes to petabytes. For capacity over 20 terabytes, contact SoftNAS sales: softnas.com/contact

SoftNAS recommends DS1_v2 or higher for production deployments.

IMPORTANT: Prices shown below DO NOT include the SoftNAS Cloud BYOL price. BYOL volume discounts are available. Contact SoftNAS directly for pricing: <https://softnas.com/contact>

[Twitter](#) [Facebook](#) [LinkedIn](#) [YouTube](#) [Google+](#) [RSS](#)

Select a deployment model

Resource Manager

Create

[Want to deploy programmatically? Get started](#)

Click **Create**.

Upon clicking **Create**, you will be taken to the **Basics** section of the **Create Virtual Machine (VM) Blade**.

The screenshot shows the 'Create virtual machine' blade with the 'Basics' section active. The left sidebar contains five steps: 1. Basics (Configure basic settings), 2. Size (Choose virtual machine size), 3. Settings (Configure optional features), 4. Summary (SoftNAS Cloud - BYOL), and 5. Buy. The main configuration area includes the following fields:

- Name:** KalTest1
- VM disk type:** SSD
- User name:** softnas
- Authentication type:** Password
- Password:** [Redacted]
- Confirm password:** [Redacted]
- Subscription:** Pay-As-You-Go(Converted to EA) (7c37e2)
- Resource group:** Use existing (selected), KalTest123
- Location:** Canada Central

An **OK** button is located at the bottom of the configuration area.

1. Provide a name for the virtual machine you are creating.
2. Select the type of storage you wish to provide.
3. The username must be 'softnas'. This account must be provisioned for login to the instance.
4. For a production instance, it is recommended to [leverage an SSH public key](#). However, for this POC, password is the simplest option. Provide a password with at least 12 characters, including at least two of the following: capital letters, special characters and numbers.
5. If you have more than one subscription, select the desired option.
6. As we created a storage account earlier, and in the process created a Resource Group, select **Use Existing**, and type the name of that resource group here.

7. Select the location of the Resource Group (and by extension the SoftNAS Cloud® instance).

Click **OK** when the selections have been made.

Select Instance Size

Next, choose an instance size. The recommended options are a great starting point, but you can select **View All** to see the full range of options. Bear in mind that SoftNAS recommends a minimum of DS4v2.

SoftNAS offers a sizing tool to help users find the right size for their individual workload, which can be found here:

<https://www.softnas.com/wp/products/instance-size-recommendations/>

Click the **Size** desired, then click **Select** at the bottom.

The screenshot shows the 'Choose a size' step in the Azure portal. The left sidebar contains a progress indicator with five steps: 1. Basics (Done), 2. Size (Choose virtual machine size), 3. Settings (Configure optional features), 4. Summary (SoftNAS Cloud - BYOL), and 5. Buy. The main content area displays three recommended instance sizes with their specifications and prices. A 'Select' button is highlighted at the bottom of the page.

| DS4_V2_Standard | DS5_V2_Standard | DS15_V2_Standard |
|-----------------------------|-----------------------------|-------------------------------|
| 8 Cores | 16 Cores | 20 Cores |
| 28 GB | 56 GB | 140 GB |
| 16 Data disks | 32 Data disks | 40 Data disks |
| 31600 Max IOPS | 13200 Max IOPS | 62100 Max IOPS |
| 56 GB Local SSD | 112 GB Local SSD | 280 GB Local SSD |
| Load balancing | Load balancing | Load balancing |
| Premium disk support | Premium disk support | Premium disk support |
| 435.24 USD/MONTH (ESTIMATE) | 870.48 USD/MONTH (ESTIMATE) | 1,378.63 USD/MONTH (ESTIMATE) |

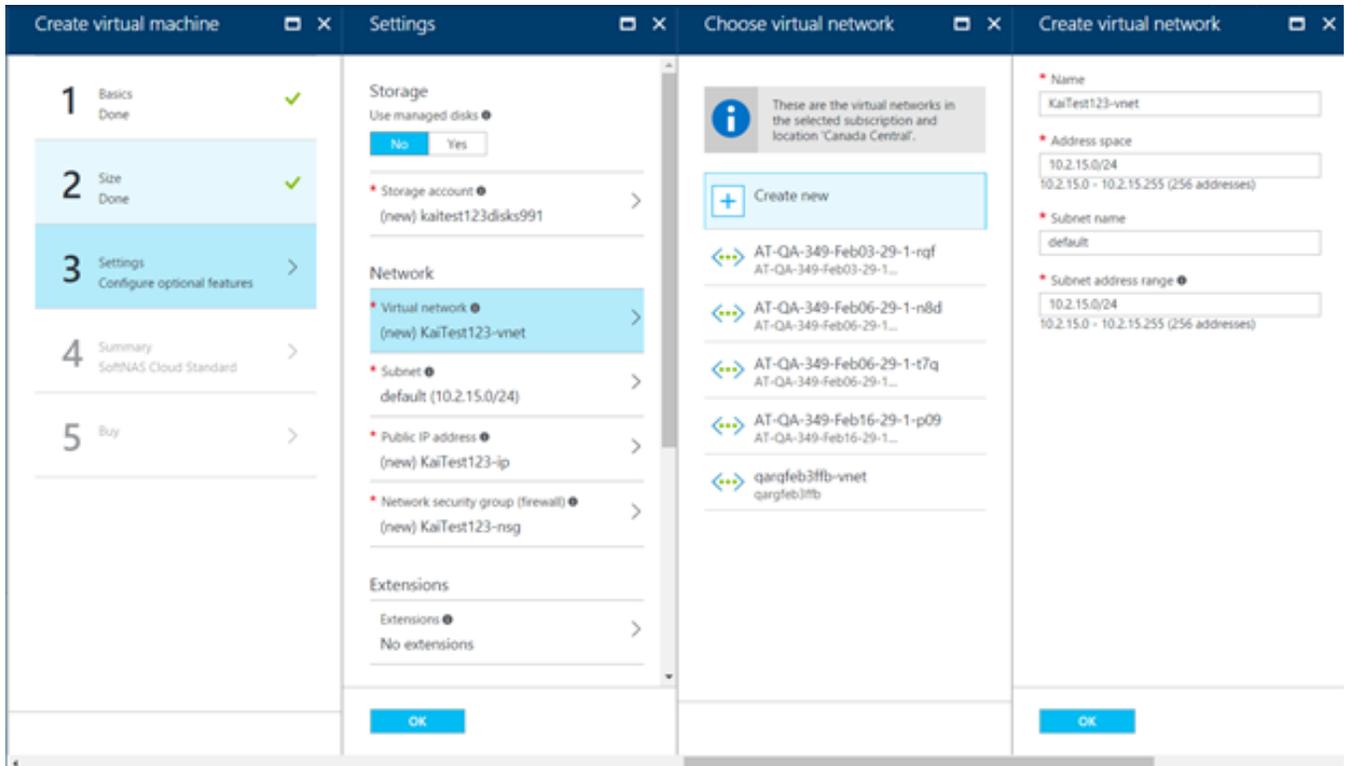
Configuring Settings

Having selected the size, we can now move on to **Settings**.

From the **Create VM Machine**, click on **Settings**.

You can now apply optional settings, including Disk Type, Storage Account, Network, and more. Here you can associate the SoftNAS Cloud® VM to an existing virtual network or create a new virtual network specifically for the SoftNAS Cloud® VM.

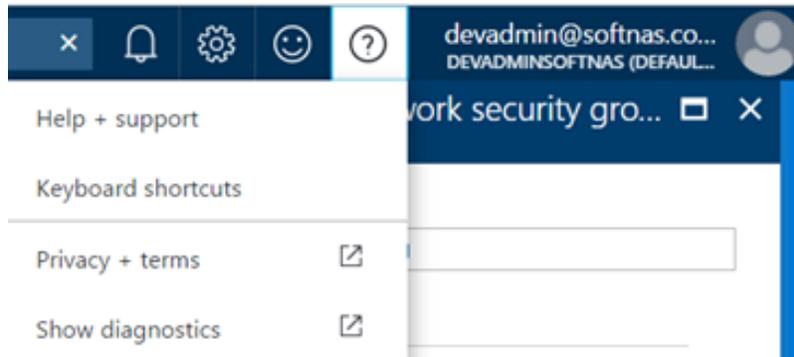
Under Settings, click on **Virtual Network**. The network settings are displayed.



As you can see, a new virtual network is automatically set up by the Create VM wizard. However, you can associate your instance to an existing network, or modify the settings as you see fit.

Note: If creating a new network, simply provide a name for the virtual network. It is feasible to use the default CIDR block and to use the default Microsoft Azure DNS server.

In addition to naming your Virtual Network and assigning a CIDR block, you can also modify or create a subnet, a public IP Address, a security group, etc. The menus are very similar in layout, and highly intuitive to use. Configure your instance as required, using Azure Help Menu if you have any problems or questions.



Most of the default settings are typically fine, particularly for a POC deployment. We strongly recommend that you set the assigned IP address as a static IP, or the IP address of your instance may change whenever it is shut down/restarted. SoftNAS also recommends modifying your security group to restrict access, but this can wait until after your two virtual machines are configured. To configure your security group, see **Configuring a Security Group**.

You will however, want to create and configure an **Availability Set**, as this cannot be done later.

Creating an Availability Set

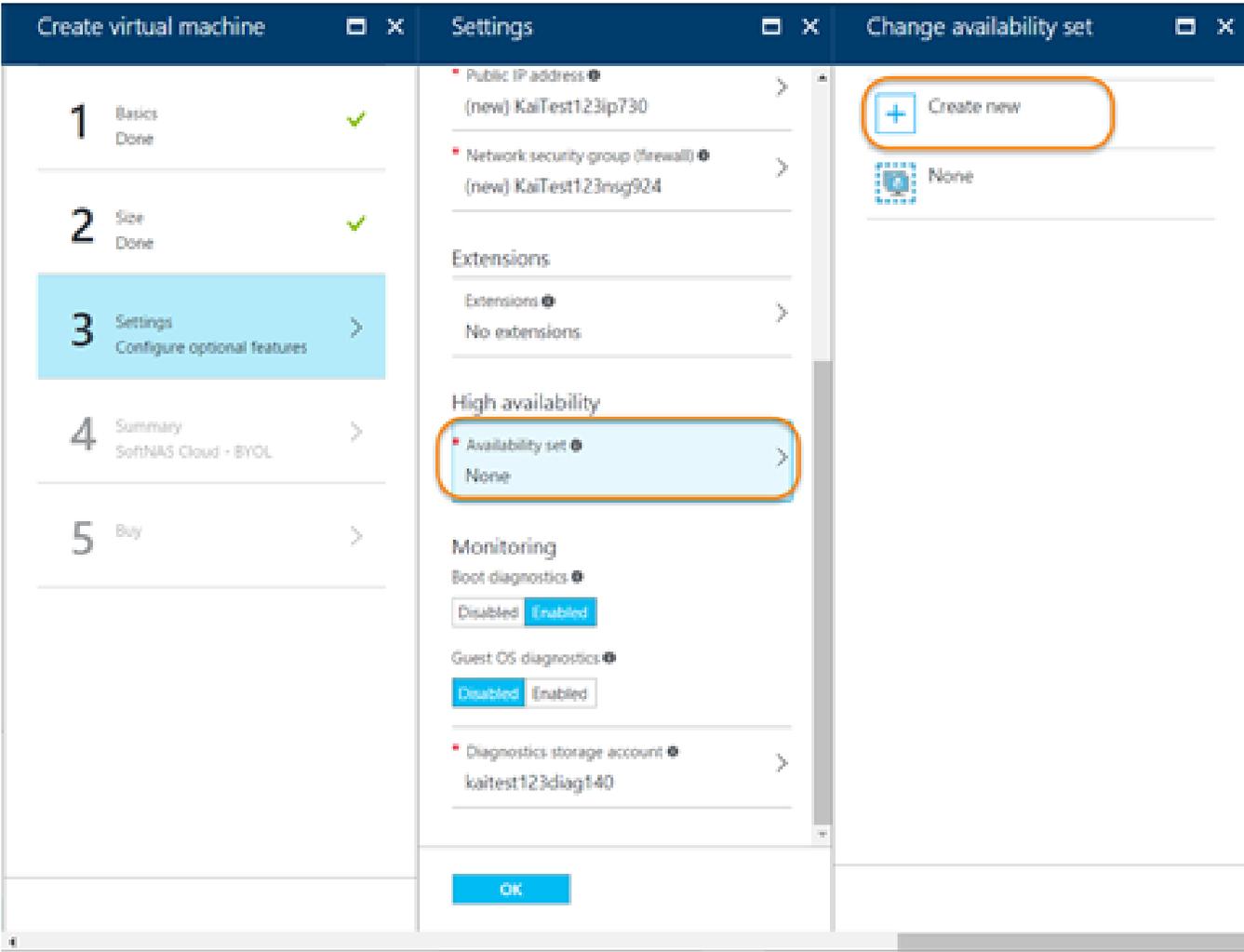
An Availability Set is designed to logically separate workloads for redundancy, eliminating single points of failure. Availability Sets make use of two key concepts - Fault Domains, and Update Domains.

Fault Domains – Eliminates single points of failure, by preventing your virtual machines from being placed on a single 'rack'.

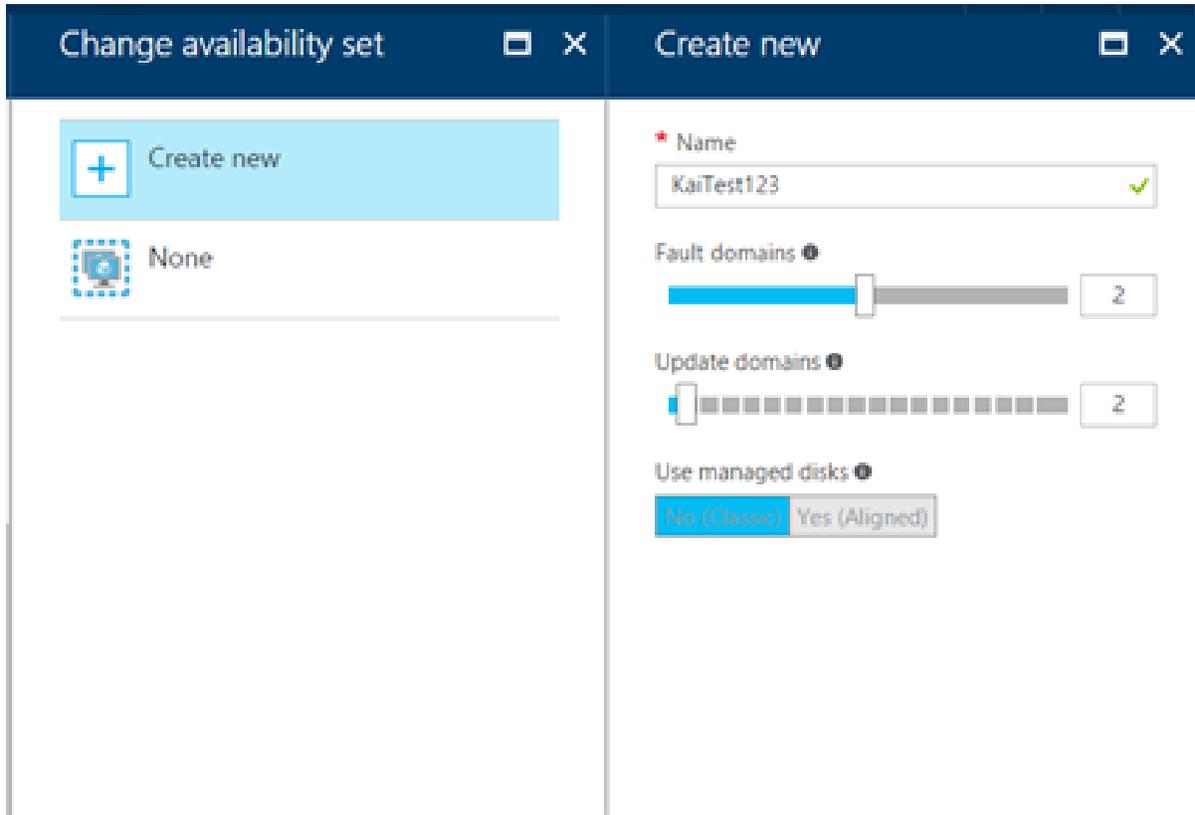
Update Domains – determines how many of your workloads can be down for maintenance (ie; updates) at any given time. A priority order can be set, and the number of update domains determines how many machines will be shut-down at once. (i.e., 2 update domains, half the VMs, 3 update domains, a third of the machines.)

The availability set of a VM cannot be changed after configuration.

To begin the process, scroll to the bottom of the Settings blade during instance creation, and select **Availability Sets**. As this is the first instance, we will be creating the Availability Set this time around. Click **Create New**.



Provide a name for the **Availability Set**, and determine how many fault domains and update domains to provide. In this case, as we are creating an HA pair (2 machines), anything above 2 fault and update domains is excessive.



Click **OK** at the bottom, and the Availability Set is created.

Note: An Availability Set must be configured for your HA pairing to be covered by SoftNAS' **No Downtime Guarantee**.

Validate and Purchase

After performing optional configuration, validate and purchase the VM.

1. Click **OK** to accept any settings changes, and click **OK** again to validate the settings in Summary.

i Validation passed

Basics

| | |
|----------------|--------------------------------|
| Subscription | Pay-As-You-Go(Converted to EA) |
| Resource group | KaITest123 |
| Location | Canada Central |

Settings

| | |
|-----------------------------------|------------------------|
| Computer name | KaITest123 |
| Disk type | SSD |
| User name | softnias |
| Size | Standard D54 v2 |
| Storage account | KaITest123dsk991 |
| Virtual network | KaITest123-vnet |
| Subnet | default (10.2.15.0/24) |
| Public IP address | (new) KaITest123ip730 |
| Network security group (firewall) | (new) KaITest123nsg924 |
| Availability set | (new) KaITest123 |
| Guest OS diagnostics | Disabled |
| Boot diagnostics | Enabled |
| Diagnostics storage account | KaITest123diag140 |

OK [Download template and parameters](#)

2. On the next screen, review the purchase details and then click **Purchase**.

Purchase

Prices presented below are estimated retail prices and do not reflect applicable discounts for your subscription. If you have purchased Azure services through a reseller, contact your reseller for applicable pricing.

Offer details

| | | |
|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---|
| SoftNAS Cloud by SoftNAS Terms of use privacy policy | 0.0000 USD/hr | ⚠ |
| Standard DS4 v2 by Microsoft Terms of use privacy policy | 0.6110 USD/hr Pricing for other VM sizes | i |

⚠ **The highlighted Marketplace purchase(s) are not covered by your Azure credits, and will be billed separately.**
You cannot use your Azure monetary commitment funds or subscription credits for these purchases. You will be billed separately for marketplace purchases.

i **Azure resource**
You may use your Azure monetary commitment funds or subscription credits for these purchases. Prices presented are retail prices and may not reflect discounts associated with your subscription.

Terms of use

By clicking "Purchase", I (a) agree to the legal terms and privacy statement(s) associated with each Marketplace offering above, (b) authorize Microsoft to charge or bill my current payment method for the fees associated with my use of the offering(s), including applicable taxes, with the same billing frequency as my Azure subscription, until I discontinue use of the offering(s), (c) agree that Microsoft may share my contact information and transaction details with the seller(s) of the offering(s), and (d) give Microsoft permission to share my contact information so that the provider of the offer can contact me regarding this product and related products. Microsoft does not provide rights for third-

Purchase

A new SoftNAS Cloud® instance will launch into Microsoft Azure.

If testing a single instance deployment, you can move to [Azure Getting Started - Configuring SoftNAS Cloud](#).

If this is a high availability deployment, move to [Azure Getting Started: Creating the Second Instance for HA](#).