Azure Cloud Deployment

This page contains instructions on how to deploy VoipNow in Azure Cloud.

Get Help
If something is unclear or you need further assistance, do not hesitate to open a ticket in the **4PSA Support Zone** or ask a question in our monitored **GetSatisfaction community**.
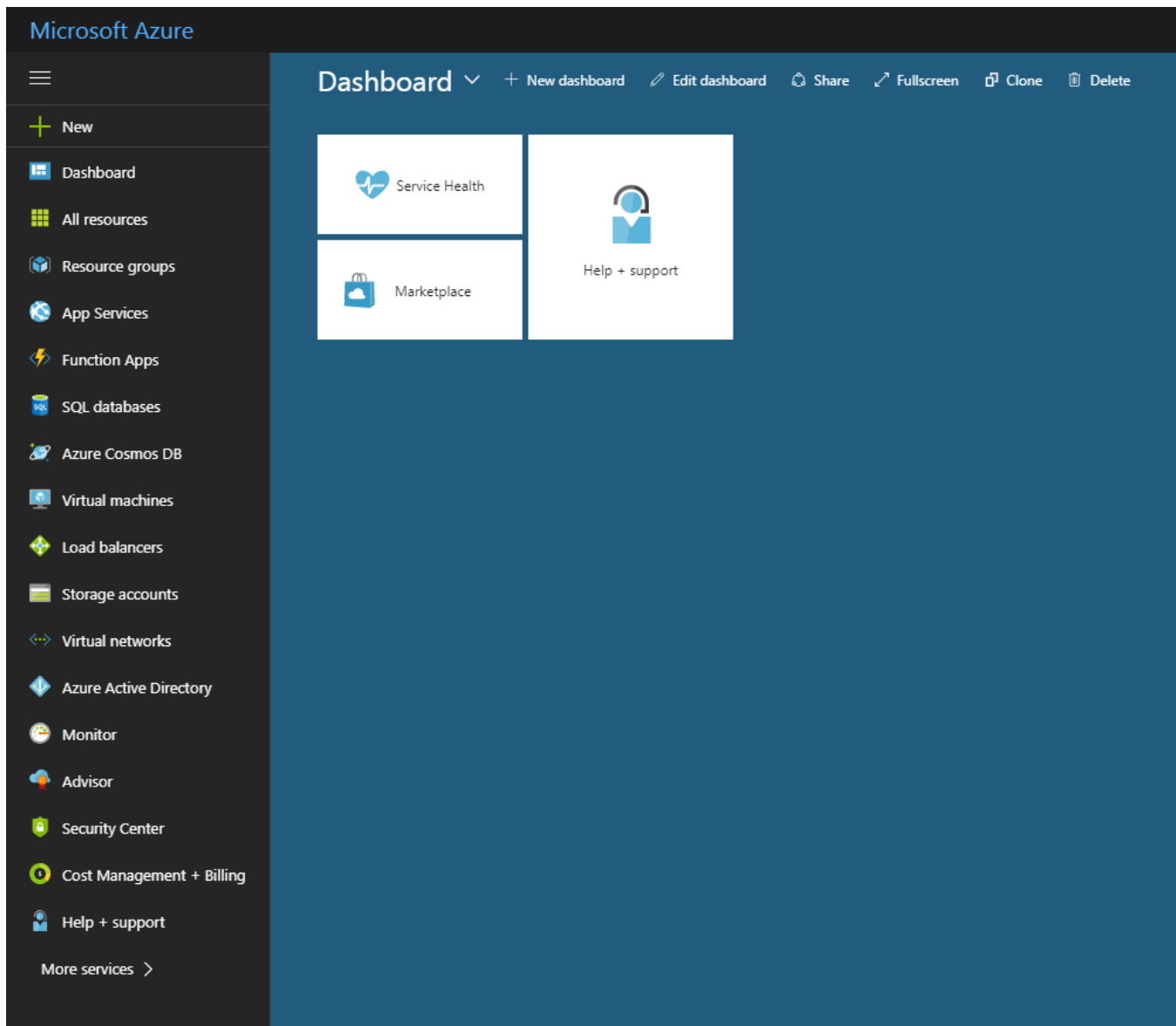
Requirements

In order to use VoipNow in Azure Cloud, you need an Azure account. You can create one **here**. Then you need to log in to portal.azure.com and create a Virtual Machine using the VoipNow template from Azure Marketplace, as shown below.

Installation Steps

Log in to Azure Portal

Log in to portal.azure.com.

Open the **Virtual machines** section and click **Create Virtual Machine**.

Search for VoipNow in **Azure Marketplace**.

Create the Virtual Machine

In order to launch a new VoipNow virtual machine, select VoipNow and press the **Create** button at the bottom right.

Please note that Azure Marketplace might have several VoipNow versions. So, if you want to deploy a new system, make sure you are using the latest VoipNow version.

Enter the basic virtual machine information

Fill in the required fields with the following information:

- Machine name
- SSH username
- Authentication type SSH public key or assword
- Subscription type
- Resource and location where the machine will be created

+ New

Dashboard

All resources

Resource groups

App Services

Function Apps

SQL databases

Azure Cosmos DB

Virtual machines

Load balancers

Storage accounts

Virtual networks

Azure Active Directory

Monitor

Advisor

Security Center

Cost Management + Billing

Help + support

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Create virtual machine

1 Basics
Configure basic settings >

2 Size
Choose virtual machine size >

3 Settings
Configure optional features >

4 Summary
VoipNow 5.2.5 >

Basics

* Name

voipnow ✓

VM disk type ❶

SSD ▾

* User name

4psa ✓

* Authentication type

[SSH public key] Password

* SSH public key ❶

Subscription

Pay-As-You-Go ▾

* Resource group

○ Create new   ◉ Use existing

Default-Storage-EastUS ▾

* Location

East US ▾

OK

Set the virtual machine size

Choose a correct virtual machine size, taking into account the number of users it will support. If you need help with this piece of information, please contact our **support team**.

≡

+ New

▦ Dashboard

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▦ SQL databases

▦ Azure Cosmos DB

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Create virtual machine   ✕

1   Basics   ✓
    Done

2   Size
    Choose virtual machine size   >

3   Settings
    Configure optional features   >

4   Summary
    VoipNow 5.2.5   >

Choose a size   ▭ ✕
Browse the available sizes and their features

ⓘ   Loading pricing...Click here to open pricing calculator   ⬈

Supported disk type   Minimum vCPUs   Minimum memory (GiB)
HDD ⌄   ▭─────── 1   ▭─────── 0

★ Recommended | View all

D2_V2 Standard ★	**D3_V2** Standard ★	**A4** Standard ★
2 vCPUs	4 vCPUs	8 vCPUs
7 GB	14 GB	14 GB
4 Data disks	8 Data disks	16 Data disks
4x500 Max IOPS	8x500 Max IOPS	16x500 Max IOPS
100 GB Local SSD	200 GB Local SSD	Load balancing
Load balancing	Load balancing	
Loading pricing...	Loading pricing...	Loading pricing...

Select

Adjust the virtual machine storage

If you have special requirements, you can change the virtual machine storage options. Otherwise the default settings should be fine.

Create virtual machine   ✕

1 Basics
   Done   ✓

2 Size
   Done   ✓

3 Settings
   Configure optional features >

4 Summary
   VoipNow 5.2.5   >

Settings   ✕

High availability

* Availability set ❶   >
None

Storage

Use managed disks ❶
| No | Yes |

Network

* Virtual network ❶   >
Default-Storage-EastUS-vnet

* Subnet ❶   >
default (10.0.1.0/24)

* Public IP address ❶   >
(new) test-ip

* Network security group (firewall) ❶   >
(new) test-nsg

Extensions

Extensions ❶   >
No extensions

Auto-shutdown

Enable auto-shutdown ❶
| Off | On |

Monitoring

Boot diagnostics ❶
| Disabled | Enabled |

Guest OS diagnostics ❶
| Disabled | Enabled |

Adjust the network security group (firewall)

By default, Azure blocks all incoming traffic to the virtual machine. However, you can add a custom inbound security rule that will allow all incoming traffic.

☰

+ New

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More services >

Add inbound security rule

🔧 Advanced

Service ❶

Custom   ⌄

* Port ranges ❶

*   ✓

* Priority ❶

100

* Name

Port_Any   ✓

Description

OK

Review the settings and create the virtual machine

If you double-checked all settings and everything looks OK, press the **Create** button at bottom right.

Set the web interface password

We don't set any default passwords. So, you must create a password via SSH that will allow you to log in the VoipNow web interface.

In case you've used a public key when creating the virtual machine, log in using SSH with the command below. Otherwise, you will use the password that you've set earlier (when filling in the basic virtual machine fields).

ssh <serverip> -i <privatekey.pem> -l 4psa

To gain `root` privileges, run the following command:

sudo su -

To set an admin password, run the following command as `root`:

/usr/local/voipnow/bin/chadminpass.sh

Access the VoipNow web interface

You can access the VoipNow web interface at https://<serverip>

Log in using the following details:

```
Username : admin
Password : <what you set earlier>
```