

## OVOC Server

Installing OVOC Server from the  
Microsoft Azure Marketplace

Version 7.6

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Date Published: May-01-2019

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## Related Documentation

| Document Name                                |
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| Mediant 500 E-SBC User's Manual              |
| Mediant 500L E-SBC User's Manual             |
| Mediant 800B Gateway and E-SBC User's Manual |
| Mediant 800B MSBR User's Manual              |

| Document Name   |
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| Mediant 1000B Gateway and E-SBC User's Manual                         |
| Mediant 1000B MSBR User's Manual                                      |
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| Mediant 3000 User's Manual  |
| Mediant 4000 SBC User's Manual  |
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| One Voice Operations Center Integration with Northbound Interfaces    |
| One Voice Operations Center User's Manual                             |
| Device Manager Pro Administrator's Manual                             |
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| One Voice Operations Center Product Description                       |
| One Voice Operations Center Alarms Guide                              |
| One Voice Operations Center Security Guidelines                       |
| ARM User's Manual   |
| Device Manager Agent Installation and Configuration Guide             |
| Device Manager for Third-Party Vendor Products Administrator's Manual |

## Document Revision Record

| LTRT  | Description              |
|-------|--------------------------|
| 91162 | Initial Document version |

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# 1 Introduction

This document describes how to install OVOC server from the Microsoft Azure Marketplace. In addition, instructions are provided for activating the OVOC Trial License ("Try Before Buy").



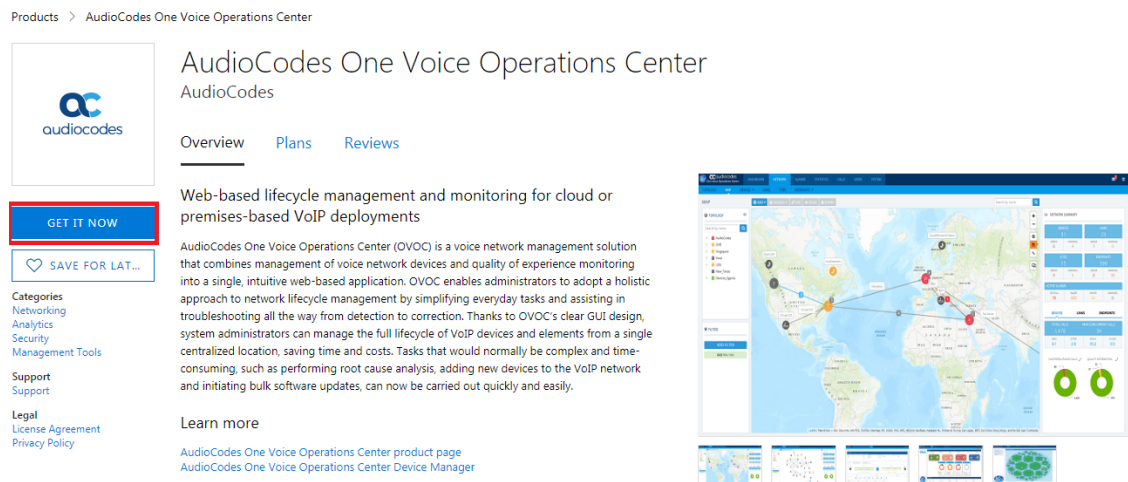
Before proceeding, ensure that you have the appropriate OVOC license (contact your AudioCodes representative for more details) and that you are familiar with your credentials for the Microsoft Azure account.

## 2 Installing OVOC Server on the Microsoft Azure Platform

➤ To install OVOC from the Microsoft Azure Marketplace:

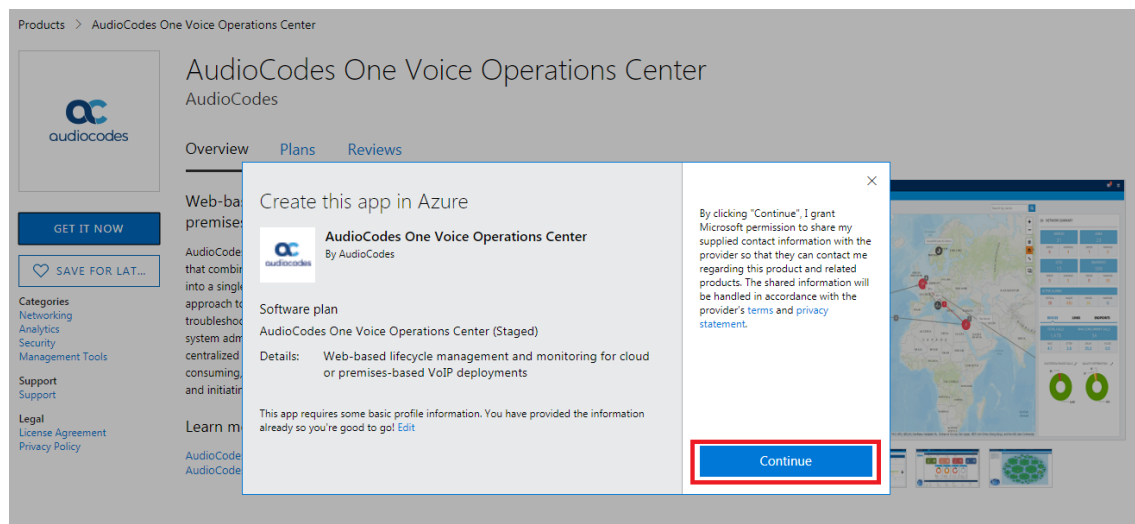
1. In the Azure Marketplace, search for "AudioCodes One Voice Operations Center (OVOC)" and click **Get It Now**.

**Figure 2-1: Get it Now**

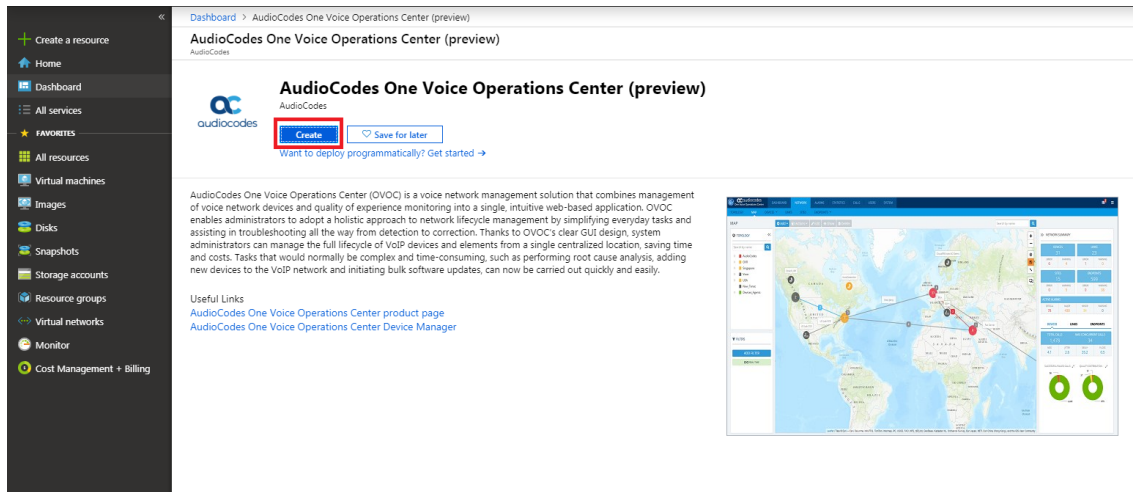


2. Click **Continue**.

**Figure 2-2: Create this App in Azure**



3. You are now logged in to the Azure portal; click **Create**.

**Figure 2-3: Create Virtual Machine**

4. Configure the following:
  - a. Choose your Subscription.
  - b. Choose your Resource Group or create a new one
  - c. Enter the name of the new Virtual Machine.
  - d. Choose the Region.
  - e. Choose the VM Size (F16s is the VM size that is recommended for High performance).
  - f. Choose Authentication Type "Password" and enter username "acovoc" and user-defined password. This user is used for accessing the OVOC server via SSH.

Figure 2-4: Virtual Machine Details

Microsoft Azure

Dashboard > AudioCodes One Voice Operations Center (preview) > Create a virtual machine

### Create a virtual machine

Basics | Disks | Networking | Management | Advanced | Tags | Review + create

Create a virtual machine that runs Linux or Windows. Select an image from Azure marketplace or use your own customized image. Complete the Basics tab then Review + create to provision a virtual machine with default parameters or review each tab for full customization. Looking for classic VMs? [Create VM from Azure Marketplace](#)

**PROJECT DETAILS**

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

\* Subscription

\* Resource group  [Create new](#)

**INSTANCE DETAILS**

\* Virtual machine name

\* Region

Availability options

\* Image  [Browse all images](#)

\* Size  16 vcpus, 32 GB memory [Change size](#)

**ADMINISTRATOR ACCOUNT**

Authentication type ☒ Password ☐ SSH public key

\* Username

\* Password

\* Confirm password

[Review + create](#) [Previous](#) [Next : Disks >](#)

5. Click **Next** until **Networking** section to configure the network settings, including the Private and Public IP addresses and Firewall rules (Network Security Group). By default, only ports 22 and 443 are open for inbound traffic (open other ports for managing devices behind a NAT (outside the Azure environment) as required). For more information, see [Managing Devices Behind an Enterprise Firewall or NAT](#) on page 7



**Figure 2-5: Network Settings**

Microsoft Azure

Dashboard > AudioCodes One Voice Operations Center (preview) > Create a virtual machine

### Create a virtual machine

Basics Disks **Networking** Management Advanced Tags Review + create

Define network connectivity for your virtual machine by configuring network interface card (NIC) settings. You can control ports, inbound and outbound connectivity with security group rules, or place behind an existing load balancing solution. [Learn more](#)

**NETWORK INTERFACE**

When creating a virtual machine, a network interface will be created for you.

**CONFIGURE VIRTUAL NETWORKS**

\* Virtual network AUDCvnet295 [Create new](#)

\* Subnet default (10.0.7.0/24) [Manage subnet configuration](#)

Public IP (new) OVOC-7-6-1000-ip [Create new](#)

NIC network security group ☐ None ☐ Basic ☒ Advanced

This VM image has preconfigured NSG rules

\* Configure network security group (new) OVOC-7-6-1000-nsg [Create new](#)

Accelerated networking ☐ On ☒ Off The selected image does not support accelerated networking.

**LOAD BALANCING**

You can place this virtual machine in the backend pool of an existing Azure load balancing solution. [Learn more](#)

Place this virtual machine behind an existing load balancing solution? ☐ Yes ☒ No

[Review + create](#) [Previous](#) [Next : Management >](#)

6. Click Next until **Review+Create** tab, make sure all the settings are correct and click **Create**.

Figure 2-6: Review and Create

Microsoft Azure

Dashboard > AudioCodes One Voice Operations Center (preview) > Create a virtual machine

### Create a virtual machine

✓ Validation passed

Basics Disks Networking Management Advanced Tags Review + create

**PRODUCT DETAILS**

AudioCodes One Voice Operations Center by AudioCodes  
[Terms of use](#) | [Privacy policy](#) | Pricing not available for this offering

Standard F16s by Microsoft  
[Terms of use](#) | [Privacy policy](#) | Pricing not available for this offering

**TERMS**

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; and (b) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. See the [Azure Marketplace Terms](#) for additional details.

Name: Mark Kemel

\* Preferred e-mail address: MarkKemel@audiocodes.com ✓ Match found.

\* Preferred phone number: +97239764373 ✓

**BASICS**

Subscription: Newwave AZURE LAB  
 Resource group: AUDC  
 Virtual machine name: OVOC-7-6-1000  
 Region: West Europe  
 Availability options: No infrastructure redundancy required  
 Authentication type: Password  
 Username: acovoc

**DISKS**

OS disk type: Premium SSD  
 Use managed disks: Yes

**NETWORKING**

Virtual network: AUDCnet295

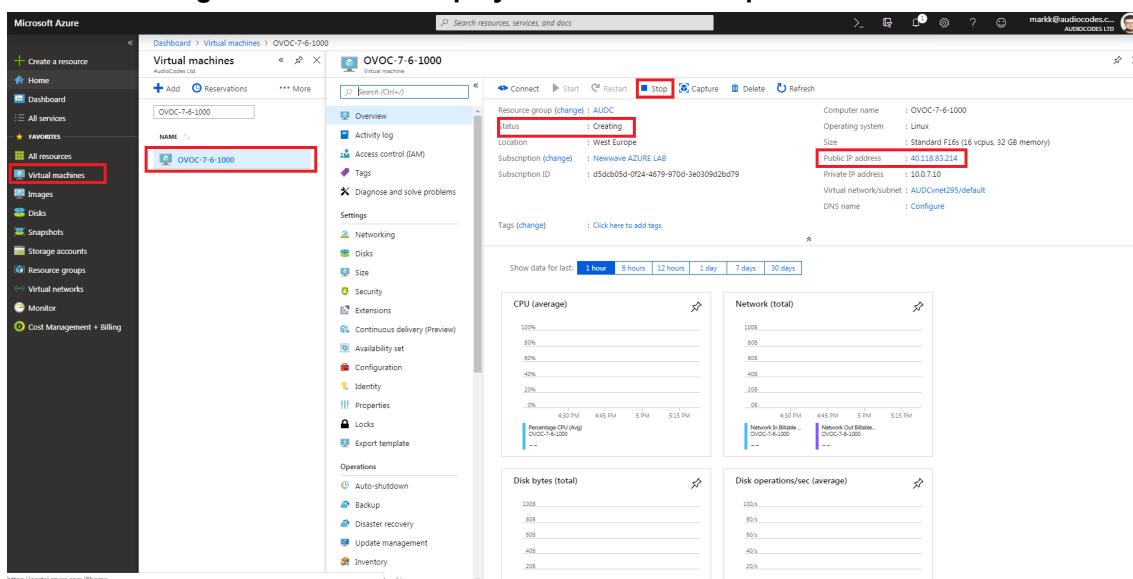
Create Previous Next Download a template for automation

7. Navigate to the "Virtual machines" section, where you can, for example, monitor the Virtual Machine creation process and find the Public IP address to access the Virtual Machine.



After the Deployment process has completed, the Virtual Machine may not be accessible via SSH for the configured IP address, or its status may appear as hanging in the "Creating" state for a long time. Consequently, you should **stop** the Virtual Machine and **restart**, after which time it should be accessible.

Figure 2-7: Azure Deployment Process Complete



## 3 Managing Devices Behind an Enterprise Firewall or NAT

If you are managing devices behind an Enterprise firewall or NAT in a remote enterprise network (deployed remotely outside of the Microsoft Azure Network), then these devices should be deployed using the following methods:

- **OVOC Managed Devices:** automatically with full automatic detection. Refer to Section "Adding AudioCodes Devices Automatically" in the OVOC User's Manual.
- **Device Manager Managed Devices (AudioCodes and Jabra devices):** using the Device Manager Agent which is deployed locally in the enterprise network. The Agent application enables secured two-way communication between OVOC and devices. Refer to Device Manager Agent Installation and Configuration Guide.



Firewall rules should be configured in the remote Enterprise network to open the following ports:

- SNMP UDP port 1161 used for listening to incoming Keep-alive messages from OVOC Managed devices.
- HTTPS Port 443 used for listening to incoming Keep-alive messages from Device Manager Managed devices in the Device Manager Agent deployment.

## 4 Activating OVOC Trial License (Try Before Buy)

If you would like to trial OVOC before buying it, you can download a trial license from <https://www.audiocodes.com/ovoc-demo-license-activation>

The generated license is valid for 4 months and supports the following functionality:

- OVOC Advanced Quality Package
- 10 quality monitoring probes (AudioCodes SBCs and gateway devices)
- 150 concurrent quality monitoring sessions
- 350 managed devices such as IP Phones and Jabra headsets and speakers
- 10 SBC sessions, 10 registrations, 10 signaling and 10 transcoding sessions in the Fixed License pool

The Floating license is not supported as part of the “Try Before Buy” trial license.

OVOC Basic SBC/Gateway management requires an OVOC feature key on the SBC/Gateway. The AudioCodes’ SBC in the Azure Marketplace already includes this feature key as part of the trial SBC license “Try Before Buy”. In case you would like to manage an AudioCodes’ SBC/Gateway which is not from the Azure marketplace (i.e. on premise deployments), you need to obtain a valid OVOC feature key on the managed SBC/Gateway from your local AudioCodes’ representative.

Make sure that the relevant information is entered in the form. The Machine ID should be taken from the OVOC Server Manager after installation. For complete instructions on how to obtain the OVOC Server Machine ID and how to download and activate the OVOC feature key, refer to the “License” section of the OVOC IOM Manual:

<https://www.audiocodes.com/media/13612/one-voice-operations-center-iom-manual-ver-76.pdf>

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