

OVOC Server

Installing OVOC Server from the
Microsoft Azure Marketplace

Version 7.6

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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

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Table of Contents

1	Introduction	1
2	Installing OVOC Server on the Microsoft Azure Platform	2
3	Managing Devices Behind an Enterprise Firewall or NAT	7
4	Activating OVOC Trial License (Try Before Buy)	8

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").



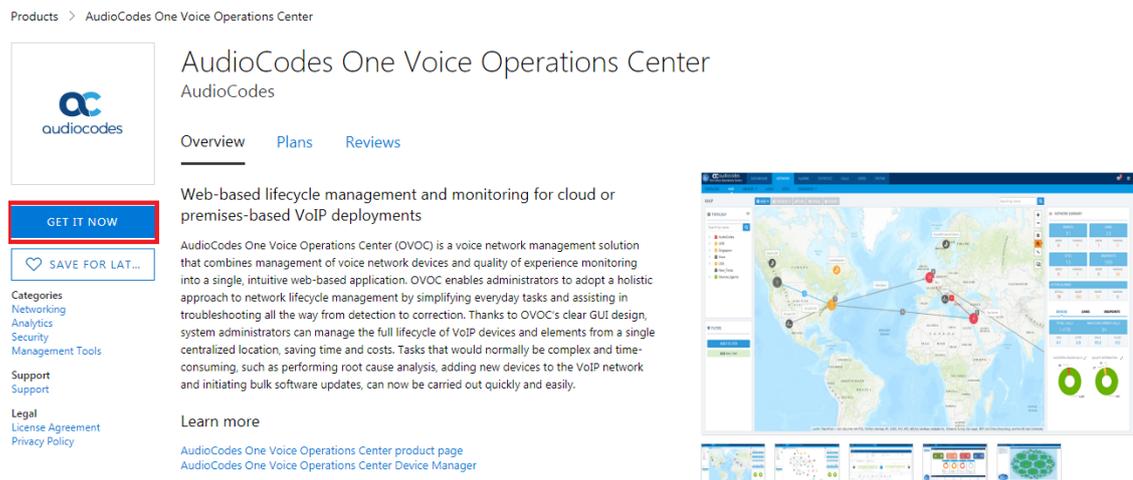
Before proceeding, ensure that you have the appropriate OVOC license (contact your AudioCodes representative for more details) and that you are familiar with your credentials for the Microsoft Azure account.

2 Installing OVOC Server on the Microsoft Azure Platform

➤ To install OVOC from the Microsoft Azure Marketplace:

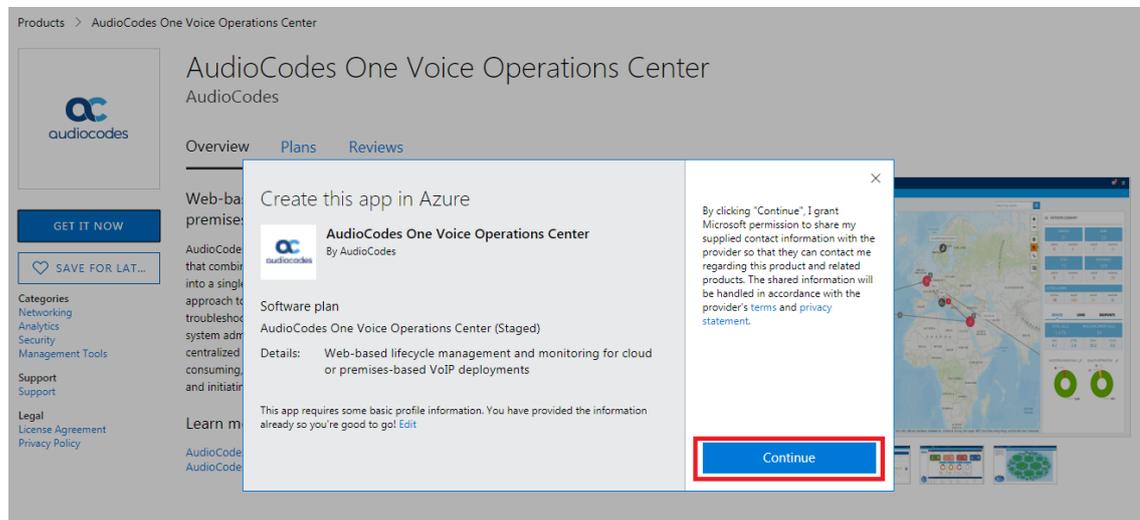
1. In the Azure Marketplace, search for "AudioCodes One Voice Operations Center (OVOC)" and click **Get It Now**.

Figure 2-1: Get it Now

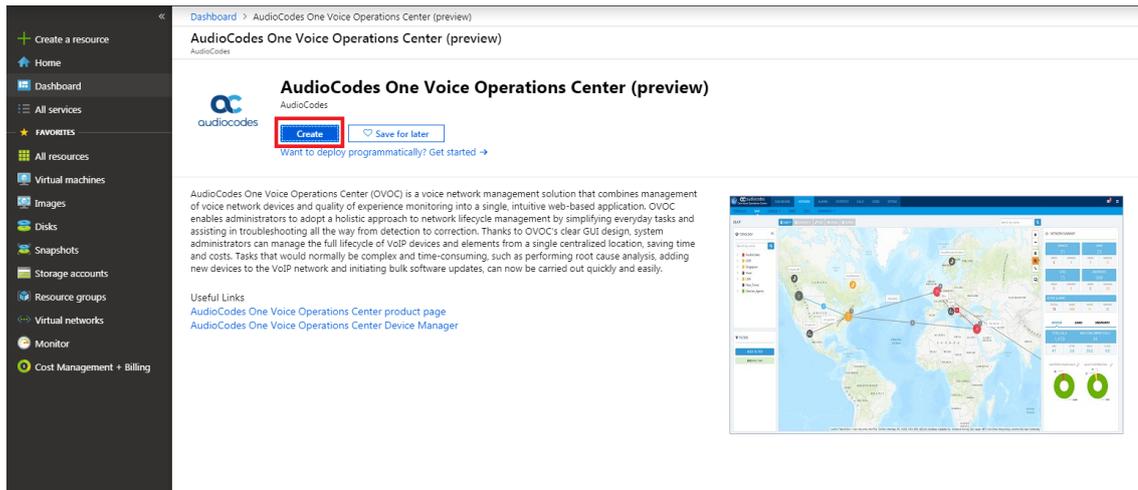


2. Click **Continue**.

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 >](#)

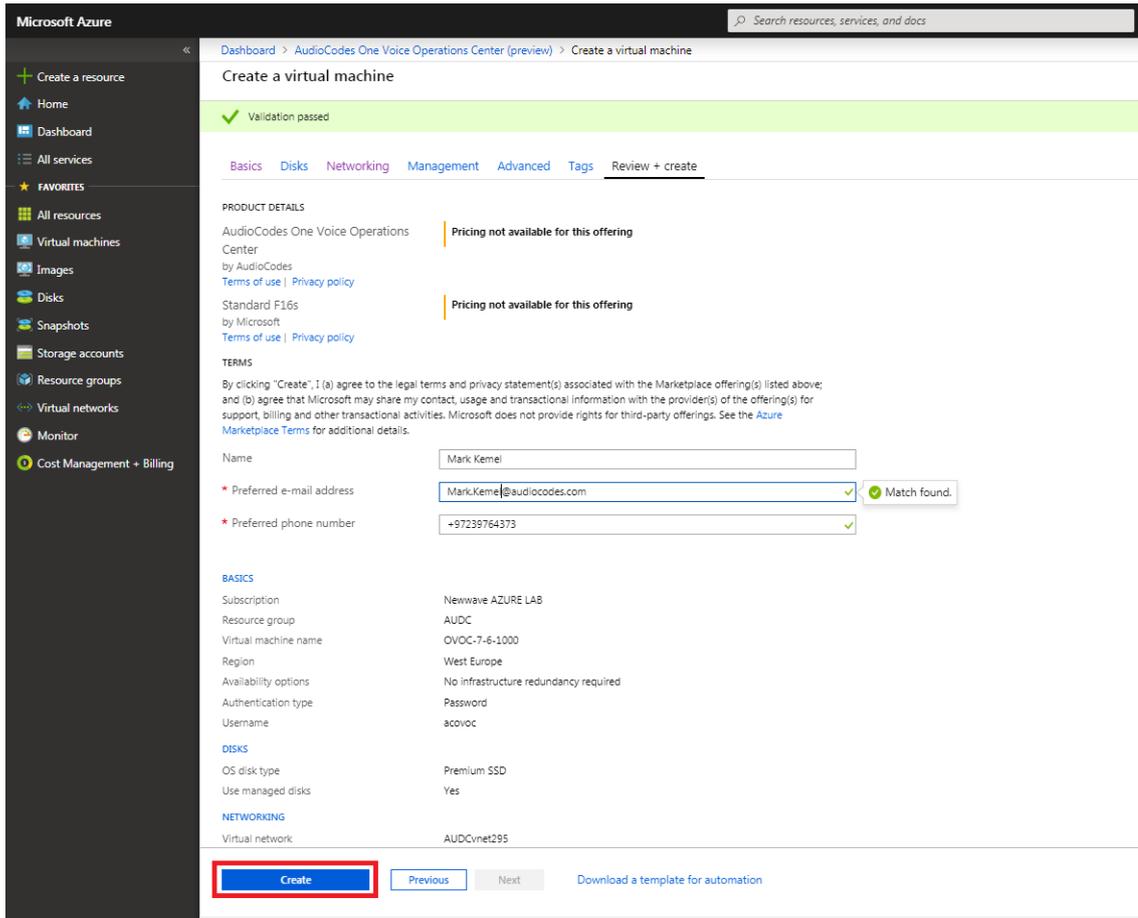
5. Click **Next** until **Networking** section to configure the network settings, including the Private and Public IP addresses and Firewall rules (Network Security Group). By default, only ports 22 and 443 are open for inbound traffic (open other ports for managing devices behind a NAT (outside the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

Figure 2-5: Network Settings

The screenshot shows the Microsoft Azure portal interface for configuring a virtual machine. The left sidebar contains navigation options like 'Create a resource', 'Home', 'Dashboard', and 'All services'. The main content area is titled 'Create a virtual machine' and has several tabs: 'Basics', 'Disks', 'Networking' (which is selected and highlighted with a dashed red box), 'Management', 'Advanced', 'Tags', and 'Review + create'. Below the tabs, there is a description of network connectivity and a 'NETWORK INTERFACE' section. The 'CONFIGURE VIRTUAL NETWORKS' section includes dropdown menus for 'Virtual network' (AUDCvnet295), 'Subnet' (default (10.0.7.0/24)), and 'Public IP' ((new) OVOC-7-6-1000-ip). There are radio buttons for 'NIC network security group' (None, Basic, Advanced) and 'Accelerated networking' (On, Off). A 'LOAD BALANCING' section at the bottom has radio buttons for 'Place this virtual machine behind an existing load balancing solution?' (Yes, No). At the bottom of the page, there are three buttons: 'Review + create' (highlighted in blue), 'Previous', and 'Next : Management >'.

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

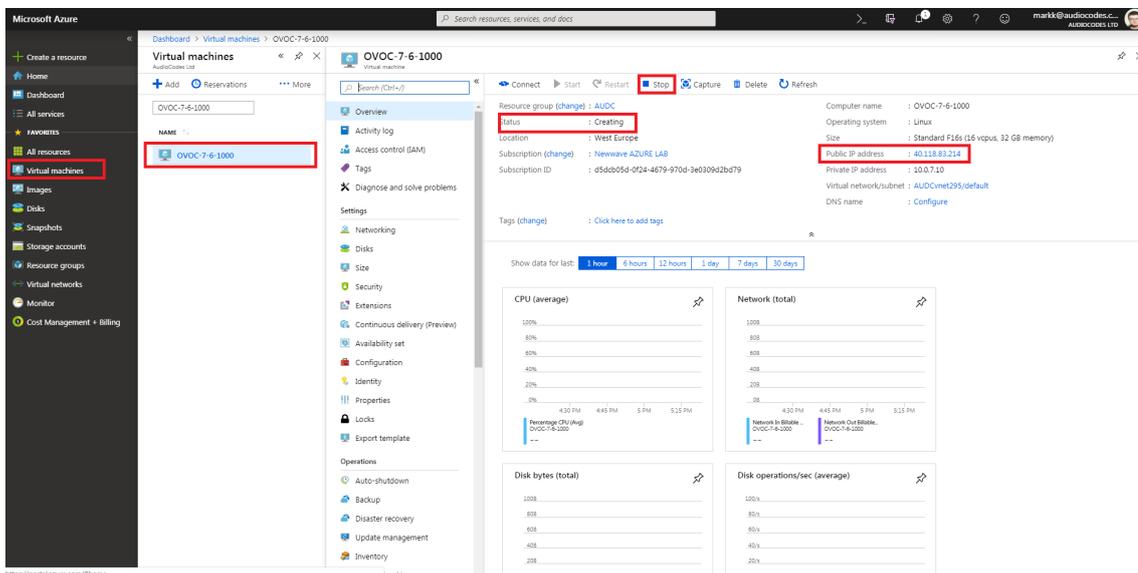
Figure 2-6: Review and Create



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>

International Headquarters

1 Hayarden Street,
Airport City
Lod 7019900, Israel
Tel: +972-3-976-400s0
Fax: +972-3-976-4040

AudioCodes Inc.

200 Cottontail Lane
Suite A101E
Somerset NJ 08873
Tel: +1-732-469-0880
Fax: +1-732-469-2298

Contact us: <https://www.audiocodes.com/corporate/offices-worldwide>

Website: <https://www.audiocodes.com/>

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