Installation Note

OVOC Product Suite

OVOC Server

Installing OVOC Server from the Microsoft Azure Marketplace

Version 7.6



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

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Mediant 1000B Gateway and E-SBC User's Manual
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Mediant 2600 SBC User's Manual
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Mediant Software SBC User's Manual
One Voice Operations Center Integration with Northbound Interfaces
One Voice Operations Center User's Manual
Device Manager Pro Administrator's Manual
Device Manager Express Administrator's Manual
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

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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

Products > AudioCodes O	ne Voice Operations Center	
audiocodes	AudioCodes One Voice Operations Cent AudioCodes	ter
	Web-based lifecycle management and monitoring for cloud or premises-based VoIP deployments	
Categories Networking Analytics Security Management Tools Support Support Legal Legas Acreement	AudioCodes One Voice Operations Center (OVOC) is a voice network management solution that combines management of voice network devices and quality of experience monitoring into a single, intuitive web-based application. OVOC enables administrators to adopt a holistic approach to network lifecycle management by simplifying everyday tasks and assisting in troubleshooting all the way from detection to correction. Thanks to OVOC's clear GUI design, system administrators can manage the full lifecycle of VoIP devices and elements from a single centralized location, saving time and costs. Tasks that would normally be complex and time- consuming, such as performing root cause analysis; adding new devices to the VoIP network and initiating bulk software updates, can now be carried out quickly and easily. Learn more	
Privacy Policy	AudioCodes One Voice Operations Center product page AudioCodes One Voice Operations Center Device Manager	

2. Click Continue.



Products > AudioCodes O	ne Voice Operations Center				
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GET IT NOW SAVE FOR LAT Categories Networking Anafytis Security Management Tools Support Legal License Agreement Privacy Policy	Web-ba Create this app in Azure AudioCode Image: Construction of the second	X By clicking "Continue", I grant Microsoft permission to share my spipled contact information with the products. The shared information will be handled in accordance with the products. The shared information will be not the shared information will be not the shared information will provider's terms and privacy statement. Continue			

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

Figure 2-3: Create Virtual Machine

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- 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.

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*	Dashboard > AudioCodes One Voice Op	erations Center (preview) > Create a virtual machine			
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i∃ All services	Create a virtual machine that runs Linux o	r Windows. Select an image from Azure marketplace or use your own customized			
	Image. Complete the Basics tab then Review + cr customization	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				
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↔ Virtual networks	INSTANCE DETAILS				
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Oost Management + Billing	* Region	West Europe			
	Availability options 👩	No infrastructure redundancy required			
	* Image	AudioCodes One Voice Operations Center			
	* Size	Standard F16s 16 vcpus, 32 GB memory Change size			
	ADMINISTRATOR ACCOUNT				
	Authentication type 👩	Password SSH public key			
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	* Confirm password 🚯	······			
Review + create Previous Next : Disks >					

Figure 2-4: Virtual Machine Details

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

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

Microsoft Azure				rices, and docs	
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Virtual machines	Center				
🚇 Images	by AudioCodes Terms of use Privacy policy				
😂 Disks	Standard F16s	Pricing not available for this offering			
a Snapshots	by Microsoft Terms of use I Privacy policy				
Storage accounts	TERMS				
📦 Resource groups	By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above;				
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	 Preterred phone number 	+97239764373	∨		
	BASICS				
	Subscription	Newwave AZURE LAB			
	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	AUDCvnet295			
	Create Previo	Next Download a template for auto	omation		

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.

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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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