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CTO UC

AudioCodes CloudBond™ Product and Topologies

Dec. 2015

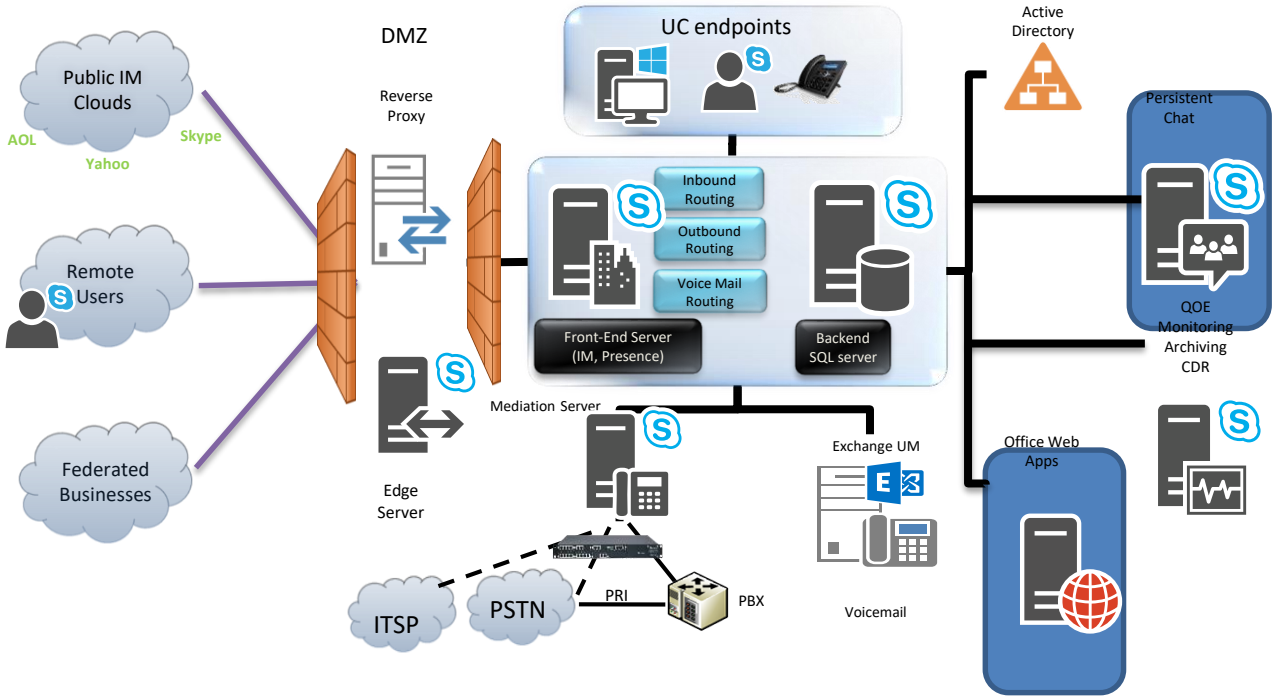
AudioCodes

CLOUDBOND

Terminology

- On premises- Service is deployed in the customer's datacenter
- Partner hosted- Service is deployed in the hosting partner's datacenter. Sometimes referred to "Partner Private Cloud".
- Partner managed- An on-premises deployment can be managed by a partner. A partner hosted service is always managed by the partner.
- O365MT- Microsoft public cloud offer.
- O365D- Microsoft private cloud offer.
- Hybrid- Delivering services from a combination on premises deployment and cloud deployment.
- SfB hybrid- Splitting Lync users between on premises deployment and cloud deployment. The same SIP domain(s) can be used on both environments with Split-Domain
- Cloud PBX-
- Exchange hybrid- Splitting Exchange users between on premises deployment and cloud deployment.

Microsoft Skype For Business server components



CloudBond 365 – mission statement

CloudBond is an all-in-one UC platform,
that simplifies installation and maintenance
by unifying multiple servers into a single appliance,
one administration interface for daily maintenance
Includes connectors to the Active Directory and Office 365 tenant to simplify the User administration with Cloud PBX and hosted

The Most Integrated Solution in the Market

Skype for Business*

Front End Server

Mediation Server

Monitoring Server

Edge Server

Reverse Proxy

*Microsoft licenses not included

Specialized Tools

Office 365 and Active Directory Connectors

IP Phone Management Software*

Deployment Wizard

Backup and Restore Dongle

Configuration and Management GUI

*Managemet software applies only to AudioCodes IP Phones

Complementary Servers

Windows Server 2012 R2 Embedded (OEM License)

SQL Server Standard 2012 Embedded (OEM License)

Additional Virtual Machines for Trusted Applications

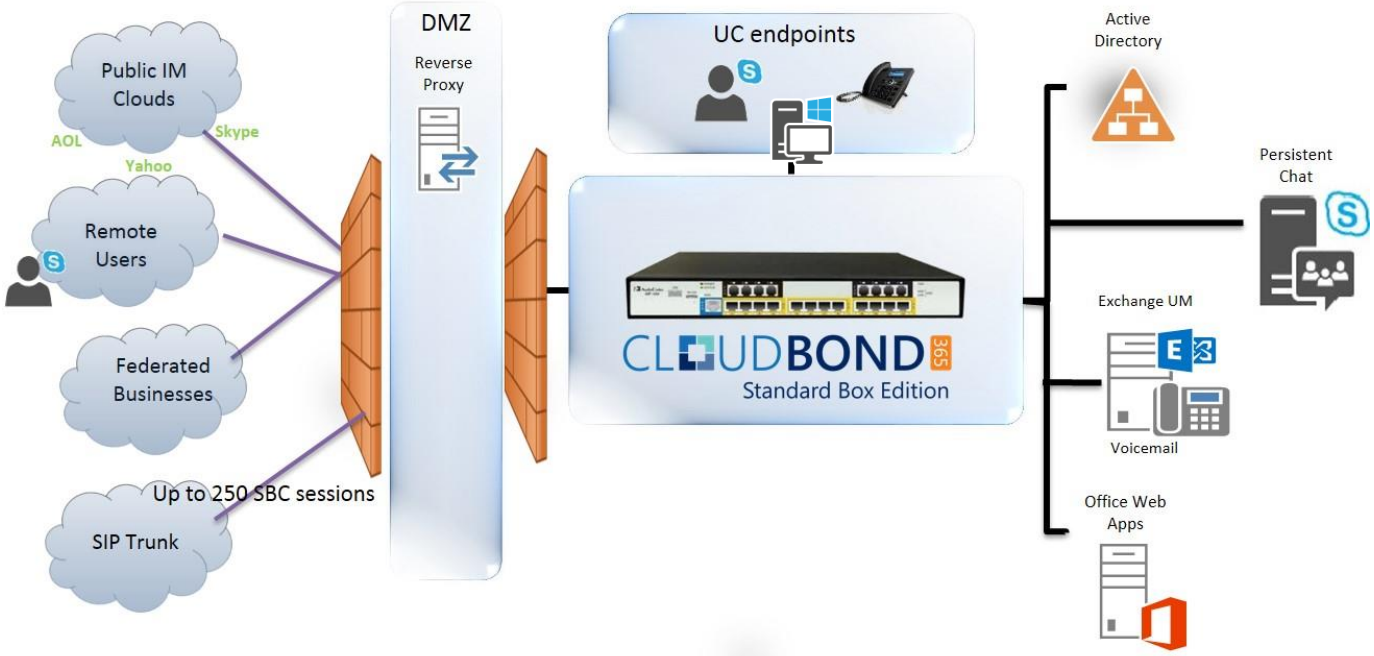
Gateway, SBC and VM

Full Gateway functionality, available in 5 configurations (Standard Edition Only)

Session Border Controller

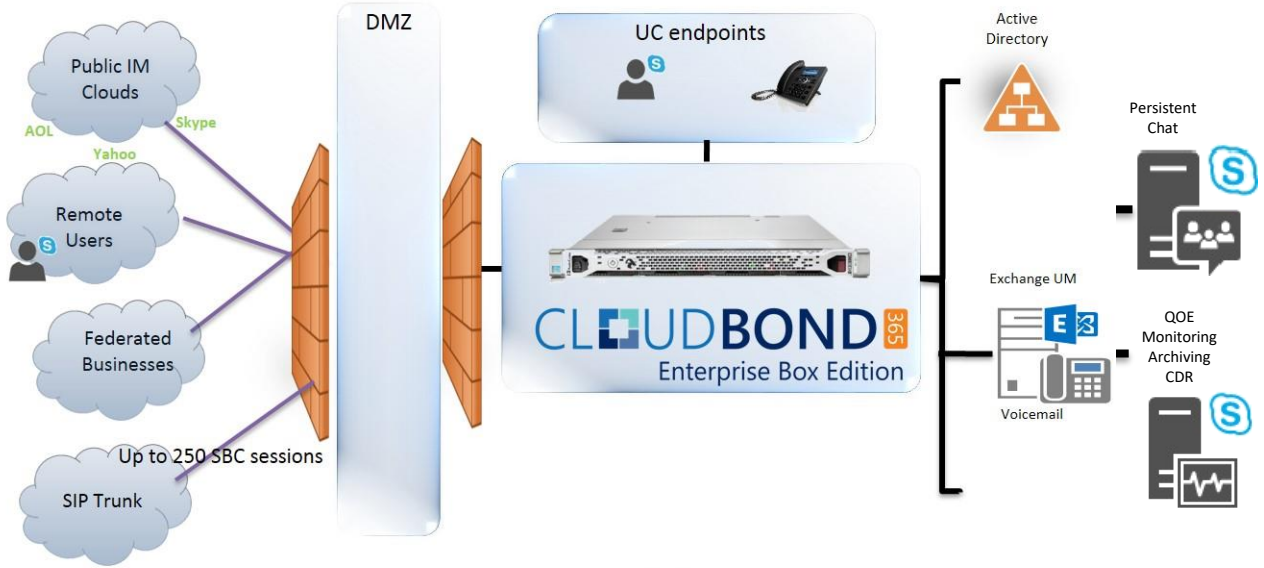
Voice Mail Application (Optional)

What is CloudBond 365 Standard



Can be added to the OB – see notes

What is CloudBond 365 Enterprise /Pro?



Integrated Elegance for Small Businesses and Branches

	CLOUDBOND Standard Box Edition
Maximum OneBox capacity	Up to 200 Users
Topology	Based on AudioCodes Mediant 800B Gateway/SBC with powerd-up OSN module

Including preinstalled:	• Lync Server **Standard** Edition:
	  • Front End Server
	  • Mediation Server
	  • Monitoring Server
	  • Edge Server
	• Dedicated Connection Tools
	  • Active Directory Connector
	  • Office 365 Connector
	• Windows Server 2012 R2 Emb (x3)
	• SQL Server Std 2012 Emb
	• Gateway and Session Border Controller (SBC)
	• Management and Configuration application

Telephony Connectivity Options	• 5 models to choose from with different connectivity options

The **Standard Edition** is optimized for:

- Small sites
- Flexible connectivity options that can change over time
- Discreetness (feels like a small IP PBX and not like a server farm)
- Maximum voice quality with local PSTN termination
- Branch survivability of the full UC stack

CloudBond 365 Standard user capacity

- Starting from 25 up to 200 Lync Enterprise Voice user
- Up to 50 voice conference users
- Up to 25 video conference users

Note: Conferences are expected to be a mix of media (some IM-only, some IM with audio, some audio/video, for example) and number of participants. There is no hard limit for the actual number of conferences allowed, and actual usage determines the actual performance

Integrated Elegance for Small Businesses and Branches (Standard Plus)

	CLOUDBOND Standard Box Edition
Maximum OneBox capacity	Up to 200 Users
Topology	Based on AudioCodes Mediant 800B Gateway/SBC with powerd-up OSN module

Including preinstalled:	• Lync Server **Standard** Edition:
	  • Front End Server
	  • Mediation Server
	  • Monitoring Server
	  • Edge Server
	  • Reverse Proxy
	• Dedicated Connection Tools
	  • Active Directory Connector
	  • Office 365 Connector
	• Windows Server 2012 R2 Emb (x3)
	• SQL Server Std 2012 Emb
	• Gateway and Session Border Controller (SBC)
	• Management and Configuration application

Telephony Connectivity Options	• 5 models to choose from with different connectivity options

The **Standard Edition Plus** is optimized for:

- Small sites
- Flexible connectivity options that can change over time
- Discreetness (feels like a small IP PBX and not like a server farm)
- Maximum voice quality with local PSTN termination
- Branch survivability of the full UC stack

Enterprise Grade Simplicity

AudioCodes

	CLOUDBOND Pro/Enterprise Box Edition	CLOUDBOND Pro/Enterprise Box Edition
Maximum OneBox capacity	Up to 500 Users	Up to 5000 Users
Topology	Mid scale server-based appliance with Software SBC	Enterprise scale server-based appliance with Software SBC

Including preinstalled:	• Server Standard/Enterprise Edition*:
	  • Front End Server
	  • Mediation Server
	  • Monitoring Server
	  • Edge Server
	• Dedicated Connection Tools
	  • Active Directory Connector
	  • Office 365 Connector
	• Windows Server 2012 R2 Emb (x5)
	• SQL Server Std 2012 Emb
	• Reverse Proxy
	• Software Session Border Controller (SBC)
	• Management and Configuration application
	• Additional virtual machines
		• Server Standard/Enterprise Edition*:
		  • Front End Server
		  • Mediation Server
		  • Monitoring Server
		  • Edge Server
		• Dedicated Connection Tools
		  • Active Directory Connector
		  • Office 365 Connector
		• Windows Server 2012 R2 Emb (x5)
		• SQL Server Std 2012 Emb
		• Reverse Proxy
		• Software Session Border Controller (SBC)
		• Management and Configuration application
		• Additional virtual machines

Telephony Connectivity Options	• SBC Only (up to 150 sessions can be ordered) • External Media Gateway can be added (not included)	• SBC Only (up to 500 sessions can be ordered) • External Media Gateway can be added (not included)
Server Spec	32GB RAM, 6 Core Processor, Dual Power Supply, 2HDD with RAID 1	64GB, 2 Processors with 12 Cores, Dual Power Supply, 4HDD

* Optional HA (as part of full HA architecture) based on Lync Server Enterprise Edition with additional SQL server and licensing and additional front end servers