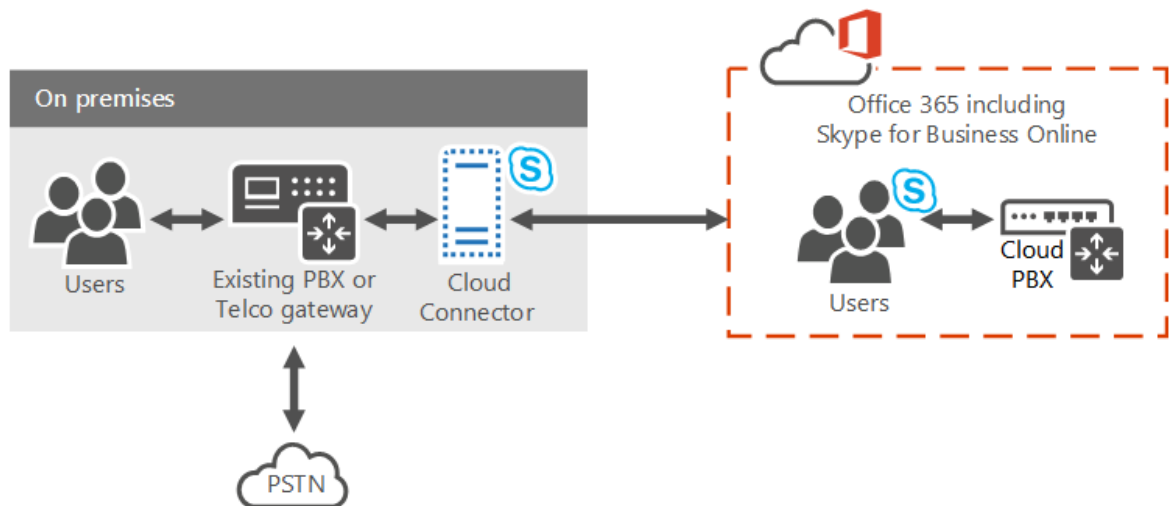


12. SFB 雲端帳號與地端交換機整合(2) - CCE

上週提到的 CloudBond 是 Hybrid 的重要角色，CCE 也是相同的功能，簡單的差異是:CloudBond 的機器是含有 SFB Servers，也可以替代自建系統，而 CCE 則是純雲端與地端的界接，SFB 的服務全都在雲端完成。

微軟的 Cloud Connector 是一組虛擬機器(VMs)，用來實現地端的 PSTN 與雲端的 PBX(CloudPBX)界接機制。此種混合雲(Hybrid)架構提供了讓 Skype for Business Online 使用者可以使用地端的 PSTN 線路進行撥打/接聽電話的行為。話務由雲端的交換機控制。



Audiocodes 提供整合式的 CCE 硬體設備:提供了 CCE 既有的優勢，並整合了 Gateway/SBC 於一身，例如包含了 Gateway/SBC 功能的 M800 CCE 或是提供較高容量的 High Capacity CCE appliance (HP server)



CCE 硬體設備的兩種規格，不是以使用人數來區分計算(CCE 不限制使用人數)，而是以 call capacity 來區分(concurrent 180 calls 跟 500 calls 的差異)，當然硬體規格也會有所不同。可以支援 H. A. 。

Technical Specifications:

	Mediant 800 CCE Appliance	Mediant Server CCE Appliance
Microsoft Cloud Connector Edition	✓ Including Mediation Server, Edge Server, CMS	✓ Including Mediation Server, Edge Server, CMS
Integrated SBC	Up to 185 sessions	Up to 500 sessions
Integrated Gateway	✓ A mix of E1/T1, FXS, FXO, ISDN BRI	-
Size	1U	1U
Host Processor for CCE	CPU i7 with 4 cores, 32GB RAM, 512G SSD	2 Processors with 12 Cores, 64GB RAM, Dual Power Supply, 4HDD with RAID 5
Centralized Management	✓ Using AudioCodes One Voice Operations Center, or 3rd party SNMP based tools	
Centralized Dial Plan	✓ Simple integration with AudioCodes Routing Manager for powerful global dialing plan including least cost routing, quality based routing, local breakout, optimal media handling, global policies and black/white lists	
PSTN Calls Recording	✓ AudioCodes SmartTAP is used for media recording and call detail records (CDR)	
Local Call Detail Records (CDR) for enterprise billing systems	✓	✓
Analog Device support for Microsoft Cloud PBX	✓ Integrated with internal FXS ports, and ability to register external SIP Analog Gateways, including AudioCodes high capacity MediaPack 1288	✓ Through external SIP Analog Gateways, including AudioCodes high capacity MediaPack 1288

本文內容及圖片來源:AudioCodes 網站及業務簡報

其他較詳盡說明請至 ESI Taiwan 網站下載參考附件或與我們聯絡

<http://www.esi-asia.com.tw>

以上是本週介紹內容，希望您會喜歡！

下週預告：

Branch and Survivability - SBA 2017.11.27



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