Cisco Community Live event

Unified Communications on Catalyst 8000

June 22nd, 2021

with Lokesh Kumar Lal

Register Now: http://bit.ly/cl-cat8k-uc

Agenda

- Catalyst 8000 Unified Communications Overview
- NIM–PVDM Voice Module
- Cisco SD–WAN Voice Support
- Catalyst 8000 UC Positioning & Scale
- BYoPSTN for Cloud Calling
- Key Feature Highlights

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Unified Communication on Cisco Catalyst 8300 Edge Platforms

IOS XE 17.3.2

Catalyst 8300 Edge Platforms

1G

C8300-2N2S-6T
4 RJ45 & 2 SFP

C8300-1N1S-6T
4 RJ45 & 2 SFP

10G

C8300-2N2S-4T2X
4 RJ45 (1G) & 2 SFP+

C8300-1N1S-4T2X
4 RJ45 (1G) & 2 SFP+

DSP Modules | **T1/E1 Voice Modules** | **Analog Voice Modules**

UC Capabilities

SD-WAN Voice

Analog Voice

Digital Voice

SRST

CUBE SBC

New Modules

NEW
NIM-PVDM

NEW
C-SM-NIM-ADPT

Call Control

CUCM 12.5.1 SU4 & CUCM 14 SU1

CME (IOS XE 17.6*)

*July 2021

NIM PVDM Introduction

Next-generation Digital Signal Processor (DSP) modules (NIM-PVDM) with on board DSP daughter card to support low to medium density voice media services:

Transcoding — SCCP Transcoding (CUCM), LTI Transcoding (CUBE)

Conferencing — SCCP secure & non-secure conferencing

Media Termination — SCCP hardware media termination & optimization

NIM-PVDM-32
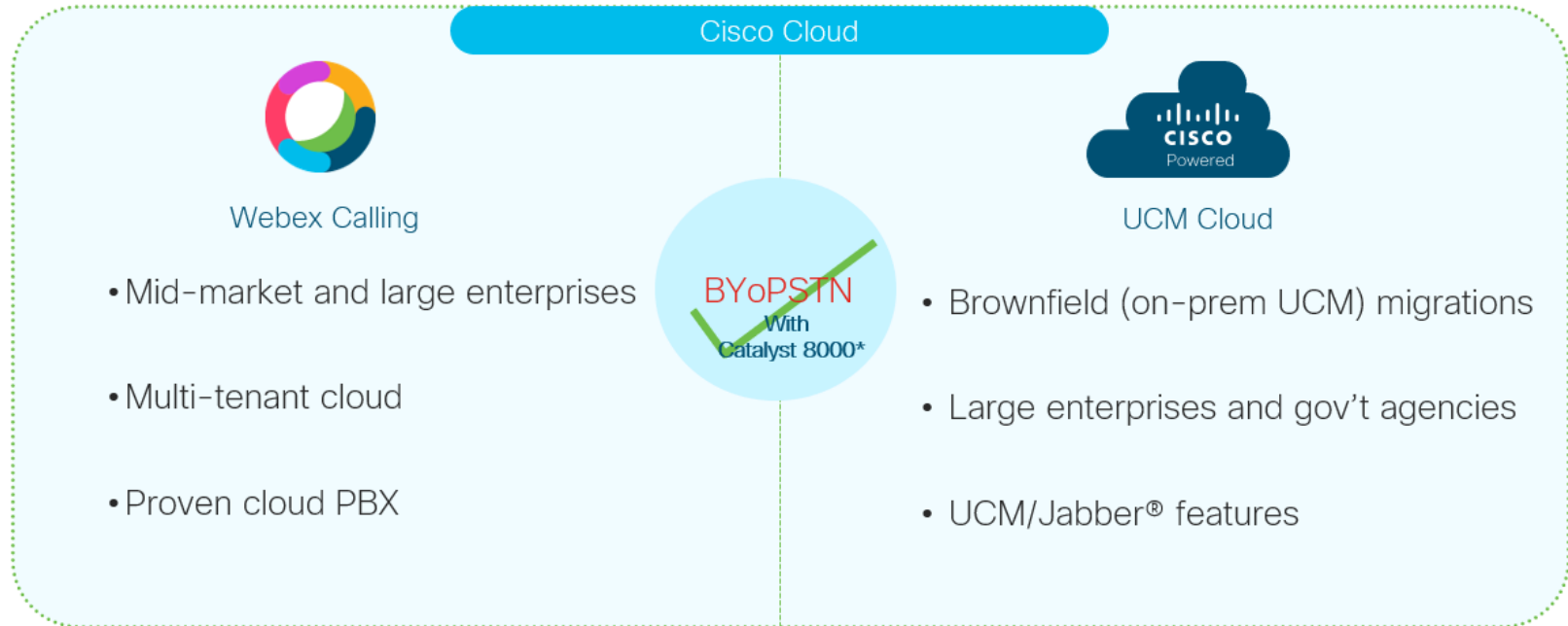
EN

Platform Support Summary

Autonomous Mode:

Platform	CME	SRST	CUBE	TDM	DSP Farm	Analog NIM
Catalyst 8300/8200	IOS XE 17.6.1*	Supported	Supported	Supported	Supported	Supported
ISR 4400/4300	Supported	Supported	Supported	Supported	Supported	Supported
CSR1000v/ CSR8000v	Supported	Not Supported	Supported	Not Supported	Not Supported	Not Supported

Controller Mode:

Platform	CME	SRST	CUBE	TDM	DSP Farm	Analog NIM
Catalyst 8300/8200	Not Supported	Supported (SIP SRST)	Roadmap	Supported (Voice PRI)	Supported	Supported
ISR 4400/4300	Not Supported	Supported (SIP SRST)	Roadmap	Supported (Voice PRI)	Supported	Supported

*July 2021

Cisco Cloud Calling Portfolio

Cisco Cloud

Webex Calling

- Mid-market and large enterprises

- Multi-tenant cloud

- Proven cloud PBX

BYoPSTN
With
Catalyst 8000*

UCM Cloud

- Brownfield (on-prem UCM) migrations

- Large enterprises and gov't agencies

- UCM/Jabber® features

*Supported on Catalyst 8300/8200/Catalyst8Kv

Summary

Broad UC deployment coverage: Analog, Digital & IP Voice

Catalyst 8300/8200 is SD-WAN Voice ready

High performance & scale in contrast to ISR 4000 Series

Proven interoperability with Cisco products, third-party PBXs, and service providers

Check out some additional information about Cisco Catalyst 8000 on the Cisco Community or Cisco.com

Catalyst 8000 Edge Platforms Family Overview

https://community.cisco.com/t5/networking-events/catalyst-8000-edge-platforms-family-overview-community-live/ba-p/4173894

New Additions to the Catalyst 8000 Family

https://community.cisco.com/t5/networking-events/community-live-event-new-additions-to-the-catalyst-8000-family/ba-p/4283583

If you are not yet a registered user on the community, Click here to register and become an active participant on the community.

Hope you enjoyed this little peek into the event.

Remember it was just a peek. On June 22nd you get a chance to see the whole thing.

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At the session you will be able to learn so much more and get a chance to submit questions for the expert to answer during the event.
We'll see you there!