Move to Cisco Cloud Calling with confidence

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Presenters



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Webex Calling

Cisco's flagship cloud calling solution

Enterprise-grade phone system

Centralized management

Multiple deployment options

Cisco world-class security

11M+

Webex Calling users

8B+
Monthly calls

120+
Markets served

Cloud calling barriers

COSTLY AND COMPLEX MIGRATIONS

AVAILABILITY

IT'S NOT BROKEN

Cloud calling barriers of the past Are solved today with Webex Calling

FLEXIBLE MIGRATIONS ZERO DOWNTIME **BUSINESS TRANSFORMATION** Cloud calling barriers of the past Are solved today with Webex Calling

FLEXIBLE MIGRATIONS ZERO DOWNTIME BUSINESS TRANSFORMATION

Flexible cloud migration journey



Gain insights into your user base and identify its cloud readiness using Cloud Connected UC



Modernize the user experience with the Webex App or plugin into other apps



Subscribe to Webex Calling and plan the move



Start moving cloud ready users and devices leveraging built-in migration tools



Migrate remaining users at your own pace







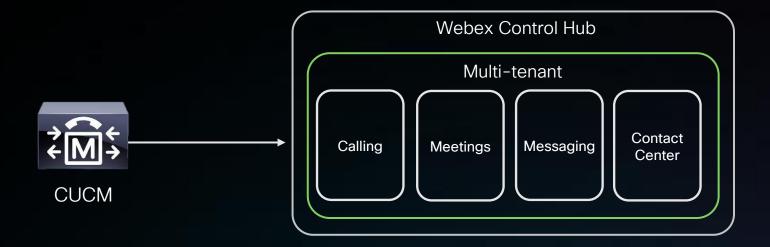




CONNECT TO CLOUD

MOVE AT YOUR PACE

Flexible migration options



ADDED CLOUD VALUE



Continued innovation with Cloud integrations



Webex App + modern devices



Workload consolidation



PSTN

consolidation



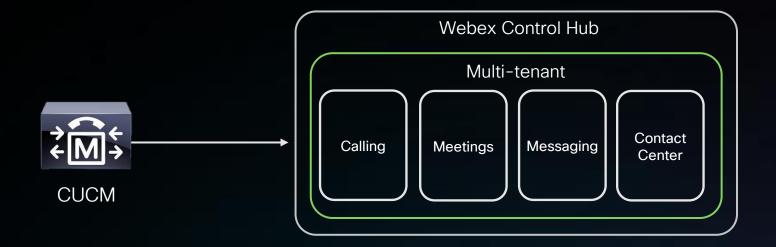
Single point of administration



Growth-ready without friction

UCM features are available with Webex Calling

Flexible migration options



ADDED CLOUD VALUE



Continued innovation with Cloud integrations



Webex App + modern devices



Workload consolidation



PSTN

consolidation

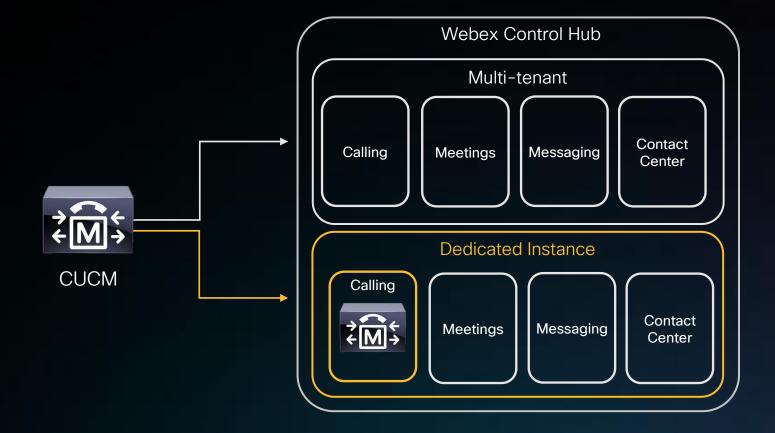


Single point of administration



Growth-ready without friction

Flexible migration options



ADDED CLOUD VALUE



Continued innovation with Cloud integrations



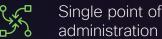
Webex App + modern devices



Workload consolidation



PSTN consolidation





Growth-ready without friction



Legacy endpoints

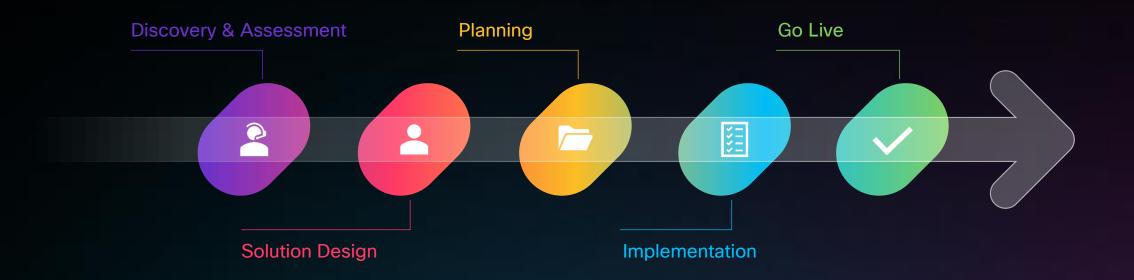


UCM workflows and integrations

Click here to read more about Webex Setup Assist

Cloud migrations are easy

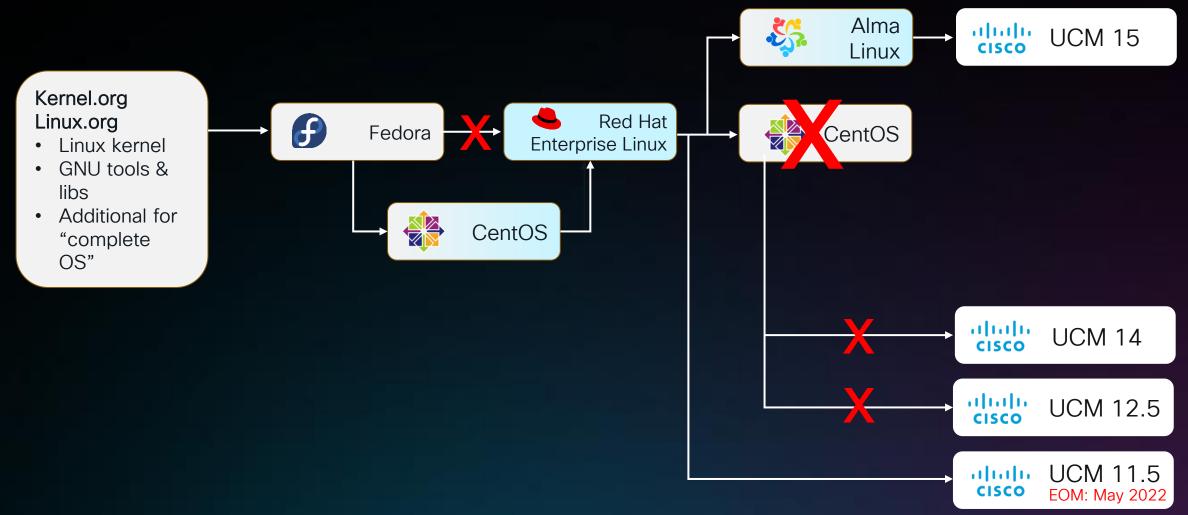
Made even easier with Webex Setup Assist



A migration service provided by Cisco

Upcoming UCM EOL milestones

End of Support for CentOS Linux distro (Industry/Macro Event)



Release FCS/EOL - CUCM 15, 14, 12.5

(Cisco dates **subject to change**)

GA
End of Life (EOL) Announcement
End of Sale
End of Software Maintenance (no bug/security fix)
End of Support



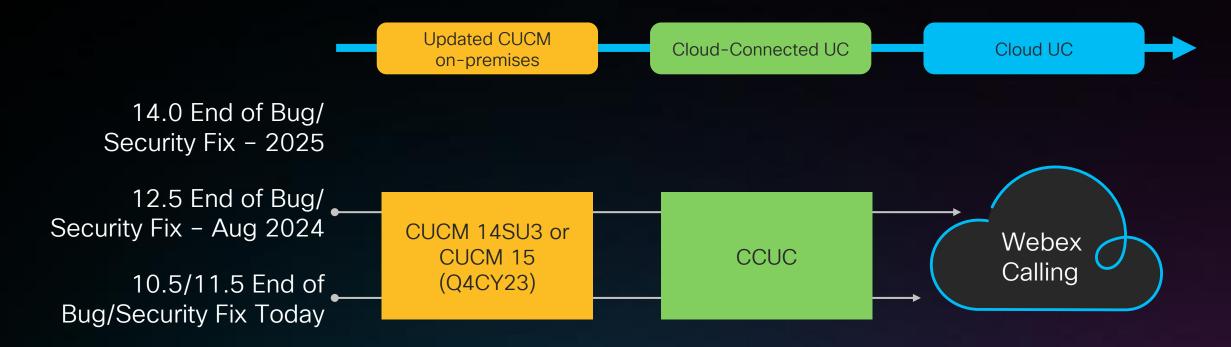
15

Nov SU1

SU2

Get current or go cloud

Cisco Unified Communication Manager



Cisco CUCM 15 is tracking for release end of the year, 2023



Victor Vrba

Director of Systems Engineering

Variphy, Inc.

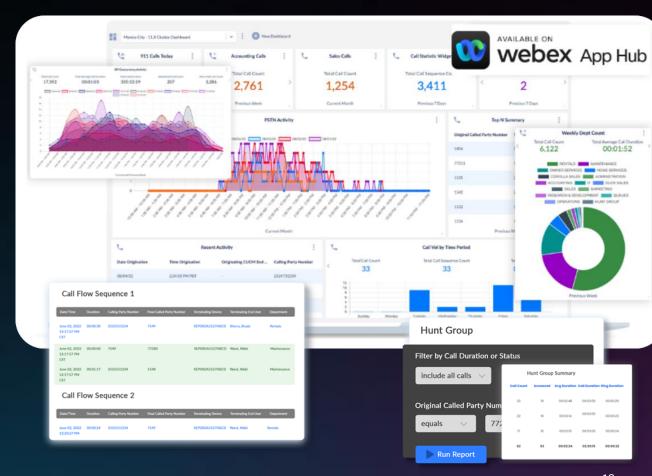
Variphy Call Analytics for Webex Calling



Webex Calling, UCM, CCX, and CUBE analytics in a single solution

Explore and Report on Your Data

- Unlimited Webex Calling data retention
- Role-based user restrictions and dynamic visibility
- Fully configurable, automated reporting
- Group Call Management and Hunt Group metrics
- User adoption and dormancy
- On-premises, cloud, or hybrid UC environments



Demo

Cloud calling barriers of the past

Are solved today with Webex Calling

COSTLY AND COMPLEX MIGRATIONS

FLEXIBLE MIGRATIONS

AVAILABILITY

ZERO DOWNTIME

IT'S NOT BROKEN

BUSINESS TRANSFORMATION

99.99%

Webex Calling proven reliability

Webex Calling Survivability

Calling is always available, even when the cloud is not

Site Survivability for multi-tenant

Inbound/outbound PSTN calling, extension dialing

Enhanced Survivability for Dedicated Instance

Complete UCM feature set is available

Click here to read more about <u>Site Survivability</u> and <u>Enhanced Survivability</u>

Why Enhanced Survivability for Dedicated Instance?

SRST

Provides basic remote site survivability for telephony, but lacks access to all features and integrations during network outages

Advanced Requirements

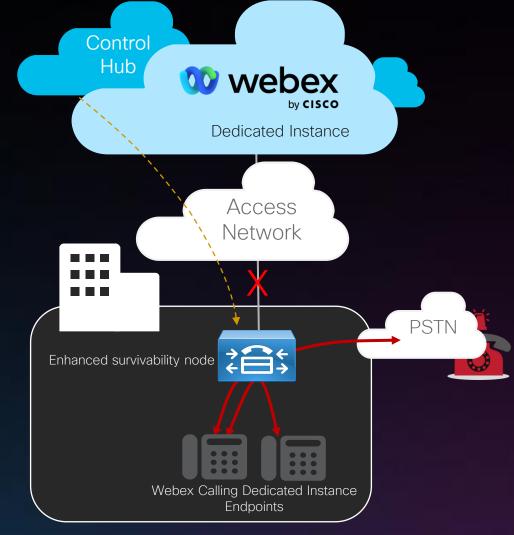
Some vertical markets, like Healthcare, deem calling as mission critical and require comprehensive redundancy options

Comprehensive Redundancy

Enhanced Survivability for Dedicated Instance supports all call-flows, features & integrations with a DI node in case of a complete loss of cloud access

Solution Overview

- Deployed on-premises and connects to Dedicated Instance in the cloud
- Devices register to the enhanced survivability node when cloud services are unavailable
- All call control functions, and 3rd-party integrations (SIP & CTI) are preserved in failover mode
- High density survivability supports up to 7500 devices per node
- Maximum 8 enhanced survivability nodes per cluster
- Cloud managed from Control Hub



Customer Site

Hardware requirements: Must meet UCM v14SU3(+) HW virtualization requirements

How it works

- Dedicated Instance Enhanced Survivability Node is always the 3rd node in the CallManager Group and is activated when access to the cloud is lost
- Database is replicated from Dedicated Instance in the cloud to the Enhanced Survivability Node(s)
- Enhanced Survivability Node can be deployed with a maximum RTT (round trip time) of 200ms from Dedicated Instance in the cloud
- Dedicated Instance must be designed and implemented to ensure third party integrations, PSTN and Dedicated Instance based services failover during an outage
- Enhanced Survivability is supported only over Partner Connect or Webex Edge Connect



webex 2

Key Features

Feature	Comments
Call Control Features	Supported
Extension calling	Supported
PSTN Calling Inbound/Outbound	Using Local Break Out Gateway (LBO)
E911 Call Handling	Calls can be routed to ERC or PSAP
User Facing Feature Changes	Supported, but changes do not replicate back to the Dedicated Instance cluster
3 rd -party integrations (SIP & CTI)	Supported

Supported Endpoints



Physical Endpoints

Endpoints supported by UCM v14SU3(+)



CUBE/Gateways

All CUBEs and gateways supported by UCM v14SU3(+)

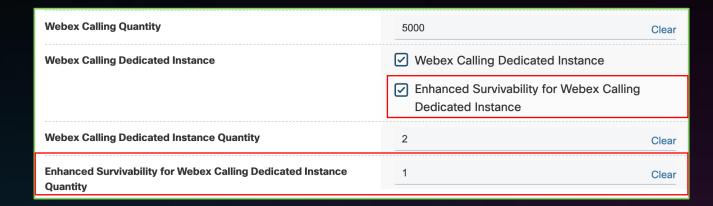


Soft Clients

Jabber & Webex App

How to order

- Enhanced Survivability is ordered per Dedicated Instance region
- 2. Enhanced Survivability is not required for every Dedicated Instance region
- 3. Once a region is entitled for Enhanced Survivability, customer can deploy up to 8 Enhanced Survivability Nodes per Dedicated Instance cluster in that region at no additional subscription costs
- 4. SKU: A-FLEX-DI-ESV
- 5. List Price = \$2400 per region/month





Cloud calling barriers of the past

Are solved today with Webex Calling

COSTLY AND COMPLEX MIGRATIONS

FLEXIBLE MIGRATIONS

AVAILABILITY

ZERO DOWNTIME

IT'S NOT BROKEN

BUSINESS TRANSFORMATION

Transform your business with Webex Calling



Future of mobility

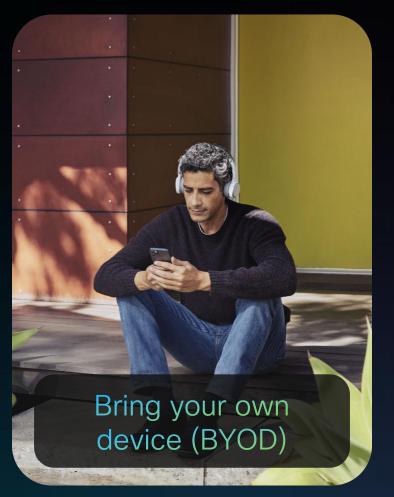


Increase productivity



Improve the customer experience

Future of mobility





Future of BYOD

Webex Go

Webex Calling is the **second line** on your **personal mobile phone**

- Cost effective
- Quick to deploy
- Easy to keep calls compliant, private, and secure
- Uses native dialer on personal mobile phone
- Personal phone is part of Webex ecosystem



Business mobile phones of the past

Business mobile phone

Business purchases and deploys separate business mobile phone

- Highest level of security on a managed, compliant, private device
- Dedicated business device
- Redundant business number and plan
- Additional cost and complexity



Future of mobility

Webex Go with AT&T

AT&T mobile phone number is your Webex identity

- Highest level of security on a managed, compliant, private device
- Dedicated business device
- One provider
- One phone number
- Device is part of Webex ecosystem





Webex Go

A complete solution for all models of mobility

Webex Go

Webex Calling is the **second line** on your **personal mobile phone**

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webex

Transform your business with Webex Calling



Future of mobility



Increase productivity



Improve the customer experience

Calling must be available instantly for all worker types and verticals



Collaboration devices for any workspace

For any worker, any workstyle, anywhere



Frontline Workers

Executive and Room

Our holistic collaboration offering

Devices















Suite





















Calling

Messaging

Meetings

Whiteboarding

Webinars

Events

Polling

Async Video

Platform









AI-Enabled



Open Platform



Managed Centrally

Webex Calling partner ecosystem

apphub.webex.com

Call Recording







Frontline / emergency services

RedSky
AN EVERBRIDGE COMPANY

S singlewire*









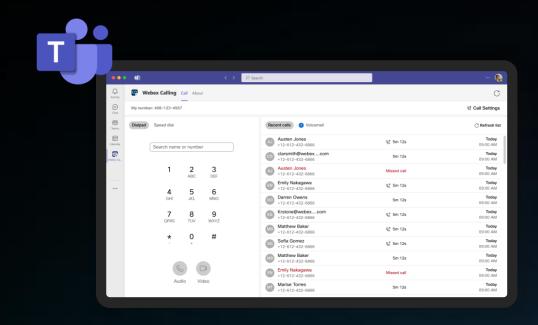






Calling in any productivity environment

Click here to read more about <u>Teams</u> <u>integration</u> or <u>Chrome integration</u>





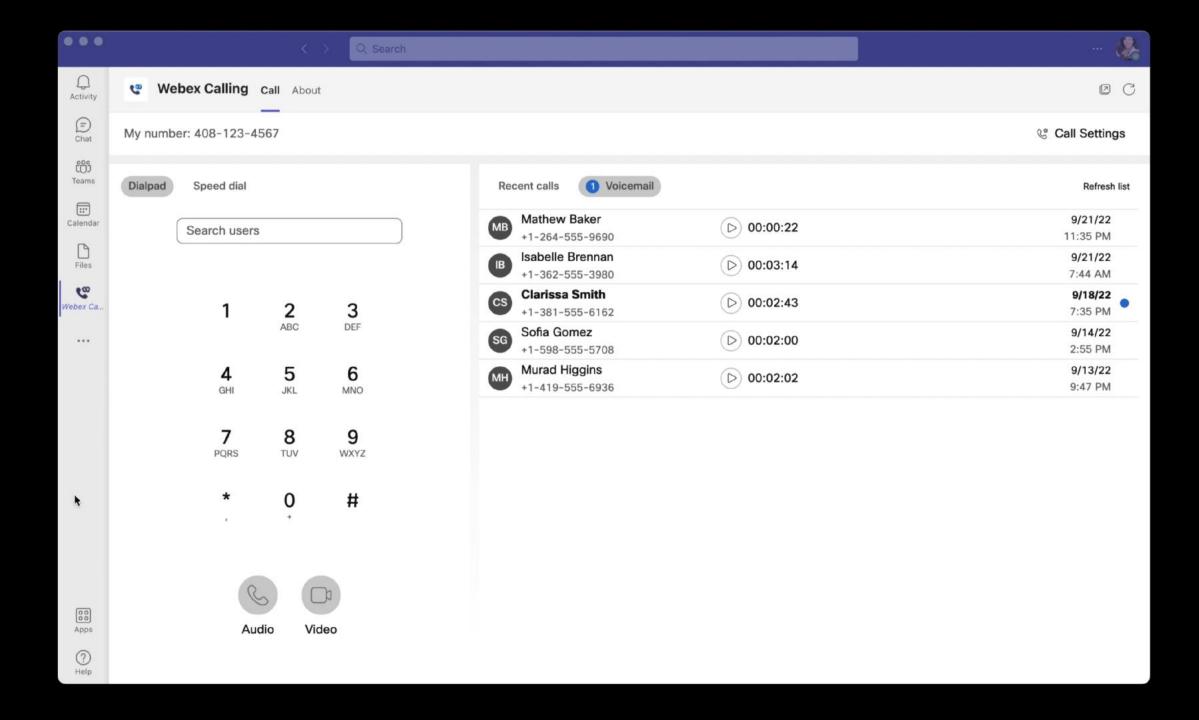




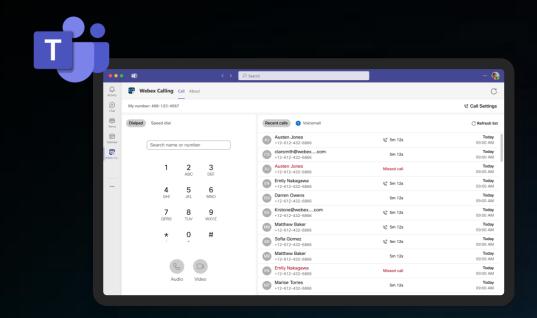




APIs



Calling in any productivity environment













Transform your business with Webex Calling



Future of mobility



Increase productivity



Improve the customer experience



Group Call Management

Click here to read more about Group Call Management

A complete call center included with Webex Calling out of the box

Advanced call queue capabilities (request call-back, skills-based routing)

Supervisor monitor, coach, barge, and takeover

Call recording and Al-powered sentiment analysis*

End-to-end background noise removal

*Available for a fee from partners Dubber, CallCabinet, Imagicle

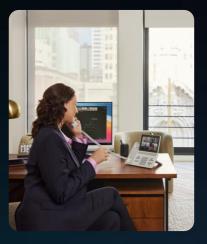
Eliminate cost and complexity from your call center

Any Webex Calling user can be an agent without additional license fees



Call center agents

High call volume Skills-based routing



Knowledge workers



Mobile workers



Operational staff

Complete contact center options

Flexibility to evolve with your business

Webex Calling

Multi-line / shared line

Ideal for power calling users and small teams

Migration path from UCM with multi-line

Group Call Management

Voice-only call center with support for 50 agents and 250 calls per queue

Migration path option from UCCX with <50 agents

Webex Contact Center

Full voice and digital contact center with both automated and live interaction capabilities.

Sophisticated agent and supervisor capabilities, campaign management, WFO,

No agent or queue limitations

Migration path from UCCX and UCCE

Cloud calling barriers of the past

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BUSINESS TRANSFORMATION

Contact us to move to the cloud with confidence

Get in touch:

Sales: 888-469-3239

Website: https://www.webex.com

Twitter: @Webex



http://cs.co/0627

Q&A

This section contains questions posted by attendees and answers from our panelists

Question	Reply
Is there an SRST like solution where if there is a cloud outage on prem devices can still function?	We will cover this in a little bit in the presentation! Check out the section on Enhanced Survivability.
for step 3 is there option or tool to port numbers we already have with another provider?	We have a tool to port numbers and verify availability on our Website- this is for Cisco Calling Plans only.
Is Cloud calling compatible with third party phones?	Yes. A number of 3rd party phones are supported on Webex Calling. Here's a link with the complete list https://help.webex.com/en-us/article/qkwt4j/Supported-devices-for-Webex-Calling
Kindly request to you will you giving me job 2023, thank you very much.	You can visit this page for open roles - https://www.cisco.com/c/en/us/about/careers.html
We still have 2 years and 6 months left on our Flex Calling ELA. Is there a path for us to move without buying double licensing?	Answered live. Yes, please reach out to your Cisco or partner rep. They should be able to work this out with you.
I want to have one number with 12 extensions. How many accounts/lines would I need so that all the extensions could be in use at the same time?	If these 12 extensions belong to 12 users, then you will need 12 licenses.
can control hub manage poly C60 conference phones when using webex calling	List of all supported phones on Webex Calling multi-tenant. https://help.webex.com/en-us/article/qkwt4j/Supported-devices-for-Webex-Calling
How long with Legacy endpoints work with dedicated instance? 79xx	Same endpoint support as on-premises UCM (based on versions running in the cloud). UCM 15 will not deprecate any additional endpoints from what is already publicly called out in release notes, compatibility matrix, Field Notice, etc.

Question	Reply
Will CUCM 15 support AWS, Azure or GCP or Linux KVM as hypervisor?	UCM 15 is only supported on traditional VMware vSphere ESXi/vCenter (not VMware Cloud Foundation). No plans for any additional on-prem hypervsors or public cloud infra options.
Will CUCM 15 support AWS, Azure or GCP or Linux KVM as hypervisor?	Bullet on this at https://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/uc_system/virtualization/cisco-collaboration-infrastructure.html#Compatibility
Can you subscribe users as you migrate? VS all of them up front and pay for services that are not used until users are migrated.	There are ways to do this. We typically provide 18 months for someone to migrate. During the 18 months window, you can use the clod entitlement to license your on-prem users. This way customers are not double licensed.
are migrated.	We also have options where you can change your flex subscription step by step to move users from on-prem to cloud.
Moving to the Cloud, besides Dubber and the other recording options, are options like NICE supported?	We are adding third parties, right now Imagicle and Call Cabinet have been added. We hope others will be added soon.
IM&P, CER and CUC effected just like CUCM?	If you mean the timelines for EoS/EoL that were spoken to, yes. Same timelines apply for these.
Will there be any planned hardware changes or requirements for UCM 15 or will we still be able to maintain the same UCS Hardware and ESXi (thats not EOS/EOL) versioning when upgrading to 15.	Speaking just for UCM 15 the application 1. Supported on ESXi 7.0 or 8.0. No ESXi 6.7/older due to VMware EOL dates. 2. vCPU footprint and physical CPU requirements same as v14. 3. vRAM footprint will increase due to 64-bit changes. Check your physical RAM for enough. 4. vDisk footprint on Small VMs will increase. Check your usable physical GB for enough. 5. No change to vNIC or network interfaces.
Our biggest challenge is being in a hybrid state during migration phase where some phones are flashed with MPP firmware and some are not. Are there plans to trunk WxC tenant with on-prem CUCM to allow Ext Mob on a MPP phone for a CUCM user? When you flash the phone it is then unusable for a CUCMuser	There are no plans to do that level of integration between the Cloud and Premise to support Extension Mobility and cloud based features like Hotdesking. The trunking integration is available today via Local Gateway, but it's considered a migration/hybrid option and the platforms will always be separate. We have integrated presence and other features between the two platforms via the Webex app and Cloud Connected UC.

Question	Reply	
Can you confirm if Webex Calling is FedRAMP certified?	Coming this fall 2023. You can read our latest blog for additional information - https://blog.webex.com/hybrid-work/webex-government-portfolio/	
What was the documented reason why CentOS is being retired so quickly? Is there a press release or some documents to refer to backup that reason to move to UCM 15 because of the Linux version being discontinued?	See centos.org and redhat.com posts for end of support of entire CentOS distribution and transition to CentOS Stream. Cisco can't comment on Red Hat's intention, as we don't know!	
is there a guide with all these steps and what is needed and tools, etc to move forward? what is customer responsibility and what could be project managed by Cisco or Cisco Provider?	We have some documentation your Cisco Account Team or Partner can supply which discuss these scenarios, and also are part of the Webex Setup Assist Service which is the service by which Cisco directly assists customers in their migration to the cloud.	
is there a guide with all these steps and what is needed and tools, etc to move forward? what is customer responsibility and what could be project managed by Cisco or Cisco Provider?	There is a high level guide on what the migration process is like at https://help.webex.com/en-us/article/x974bd/Migrate-Unified-CM-to-Webex Also, more information on Webex Setup Assist is at https://help.webex.com/en-us/article/nza1q7g/Get-assistance-for-Webex-Calling-deployments-with-Webex-Setup-Assist Every migration is different so we highly recommend all customers to work with your Cisco or Partner account team	
When would CUCM 15.X be available in the CSR matrix?	Closer to FCS. We are actively working the release set but only have the core calling and contact center element versions nailed down. Also WIP on backwards/forwards compatibility matrix for those not coupgrading all applications.	
Moving from on-prem to the Cloud, we as implementors face lots of bulk tasks being limited: Bulk adding multiple lines, Bulk rebooting phones, Bulk enabling Hoteling etc. What are the roadmaps to better support bulk changes?	We are always updating our bulk tools, but more specifically focusing on API framework for Webex Calling and Control Hub. Many of these items are on the roadmap, just with no confirmed dates in the 90 day window we have right now.	
Is the contact center solution with a dedicated instance similar to existing UCCX? Is that a complex migration?	We have an option for UCCX for Dedicated Instance, but we of course prefer our customers look at Webex Contact Center instead to modernize their cloud options moving forward.	

Questions	Reply
IM&P, CER and CUC effected just like CUCM?	More comprehensively UCM, SME, IMP, PCD, CER, CUC and parts of UCCX/UCCE, Webex Calling dedicated instance, Webex CCE.
IM&P, CER and CUC effected just like CUCM?	Expressway has X15 coming, but that is for other reasons.
We are Missing Bulk Update on Workspace for Webex calling Devices, Any Plan to roll out?	We are currently working on expanding the API access for devices, as well as other bulk options, they are on the roadmap.
Any integration available between Webex and MS Teams to co-exist both for internal calling and to transfer external call received in Webex to a MS Teams user?	Webex Calling for Microsoft Teams integration provides an ability to use your Webex Calling, UCM or Webex Calling Dedicated Instance call control from within MS Teams. It however doesn't allow for transferring calls from Webex to an MS Teams only user (no PSTN).
	https://help.webex.com/en-us/article/ngmx08cb/Webex-Calling-for-Microsoft-Teams
What is the planned SU1 release date for CM 15 and will there be any disk space increase for the largest OVA?	15FCS target Q4CY23. 15SU1 target spring CY24. Any VM built with 80GB vdisk(s) will need to direct migrate to single vdisk with 110GB++.

Questions	Reply
Looks like not moving forward to support public clouds and KVM or Hyper-V has a lack of flexibity and vendor lock. Other Cisco products is already supported in public cloud and other hypervisors.	Cisco is focusing investment in cloud calling via Webex, not porting on-premises calling to other on-prem or public cloud infrastructure stacks. #1 driver for public cloud ask is to exit datacenter yet retain control of apps with familiar enduser/admin experience Webex Calling dedicated instance solves for that.
Looks like not moving forward to support public clouds and KVM or Hyper-V has a lack of flexibity and vendor lock. Other Cisco products is already supported in public cloud and other hypervisors.	Microsoft appears to have discontinued Hyper-V.
Can Variphy report on both my CUCM and Webex Calling data?	Yes. Victor is showing this right now.
Looks like not moving forward to support public clouds and KVM or Hyper-V has a lack of flexibity and vendor lock. Other Cisco products is already supported in public cloud and other hypervisors.	VMware vSphere ESXi can still be counted on to be in 80% of the world's datacenters, with broad support of Cisco and non-Cisco hardware.
Like others have asked is there any roadmap for IM&P, Unity, UCCX?	EoS/EoL timelines for UCM, IM&P, CUC, CER remain similar. For UCCX refer to product notices.
Is there an SRST like solution where if there is a cloud outage on prem devices can still function?	Webex Calling has multi-tenant Site Survivability. Dedicated instances have both SRST (like onprem UCM) and new Enhanced Survivability.
Do we get Spam call blocker capability in Webex calling and how - is it user manageable?	Here is our information on Call Blocking/Spam https://help.webex.com/en-us/article/nczbrfi/Block-inbound-spam-calls
Does cloud connected UC require MPP firmware on hardware endpoints?	Not for basic enablement for your onprem UCM. (e.g. for Analytics, Certificate Management, etc.)

Questions	Reply
Is Variphy analytics additional cost and is it built into control hub? and is there additional cost?	Answered live.
	It is additional cost. And is designed to be used in conjunction with Webex Control Hub.
Like others have asked is there any roadmap for IM&P, Unity, UCCX?	CentOS event affects UCM, SME, IMP, PCD, CER, CUC, parts or UCCX/UCCE, parts of Webex Calling dedicated instance, parts of Webex CCE. Release EOL dates for the calling apps listed will be similar to UCM's. Contact center release EOL dates may differ a bit. In all cases, see published EOL bulletins for the real dates. We are sharing stuff way in advance of publish so customers can plan.
What is a Webex Calling Dedicated Istsance?	Learn more here - https://help.webex.com/en-us/landing/ld-nzid8xi-WebexCalling/Dedicated-Instance
What is a Webex Calling Dedicated Istsance?	Oversimplified, Webex Calling is Cisco's cloud calling "product". It has "multi-tenant" and "dedicated instance" options to accommodate different user scenarios. More details at links like the above.
Can we use a single survivability node for multiple DI clusters on the cloud ?	Each UCM cluster in cloud needs its own Enhanced Survivability Node(s).
Is this feature not available with virtual connect?	Correct, not available at this time with Virtual Connect due to replication requirements
Is an enhanced survivability node effectively an on-prem CUCM node which hairpins voice traffic to a local PSTN WAN connection?	This node is only operational in a full network outage to the cloud. PSTN would need to be also located locally in some form to work in the failover scenario, There is no active hair pinning of any voice traffic in this solution.

Questions	Reply
When will Cisco be expanding Android compatibility for Webex Go?	The only additional device which we are tracking is Google Pixel, which is behind in testing but we are hoping to add asap. There are no plans for any other platforms today, each platform has to be certified and tested, so Samsung and Google are a significant market share in the Webex Go regions available today.
IS Webex Go only available for AT&T in US? How many countries does it covers? Is there an option for having multi carrier options?	There are two different offers here, sorry for the confusing name - Webex Go is carrier agnostic, it works on any unlocked phone as a second number. Webex Go for ATT is a different solution where you use your ATT Mobile number as your Webex Calling Number, that right now is exclusive to ATT only. Webex Go (BYOD) is available in the US, Canada, and UK with France coming later this year.
We "own" all our DIDs. About 5,000 of them. When porting numbers to Webex calling do we retain ownership of those DIDs?	You can port your numbers to Cisco, and they would be yours to use and if you ever wanted to move away from Cisco, then you could then port those numbers to someone else. You currently pay for those numbers from a carrier and they are yours to use and cannot be given to another customer. After porting to Cisco, the same would apply, they are your numbers unless you chose to move them to someone else.
are there plans to partner with verint for recording?	We are talking to them now about how they would integrate with Webex Calling, please ask your Verint account team to mention your need for this service.
For WebEx Go, does it only work with cisco PSTN numbers? Or will it also work if you do cloud peering with another carrier?	Webex Go works with any number you bring to Webex Calling, Cisco Calling Plan, Cloud Connected PSTN Partner or Local Gateway.