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Migration to Webex Calling Lab

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LTRCOL-3001



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Cisco Webex App

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<https://ciscolive.ciscoevents.com/ciscolivebot/#LTRCOL-3001>



Agenda

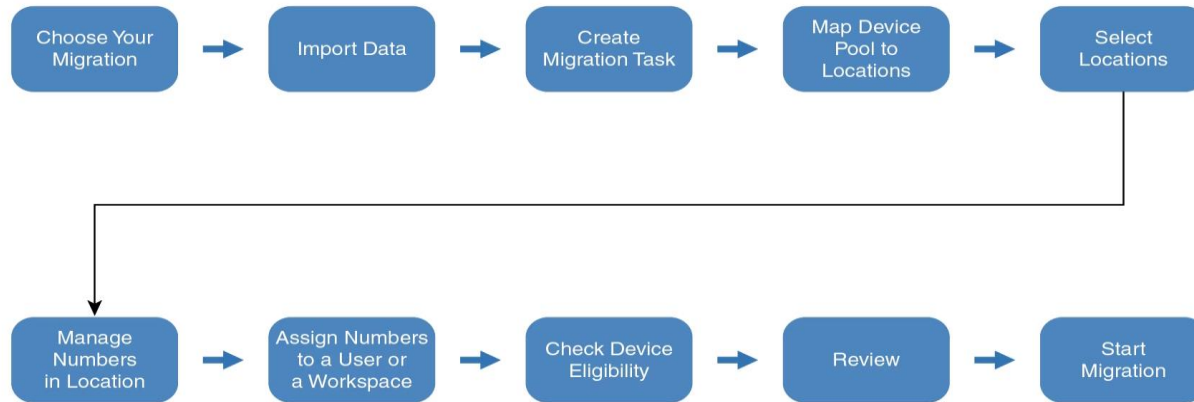
- Module 1 – Export the TAR file from CUCM
- Module 2 – Bulk Import DID numbers and number assignment
- Module 3 – Migrate Calling from on-prem UCM to Webex Calling
- Module 4 – Configuring Local Gateway for Webex Calling
 - Option A – Automated with PowerShell
 - Option B – Manual command line (CLI) method – Review only [No tasks]
- [Accessing the Lab](#)

Lab Overview

Module 1 – Export TAR file from UCM

Module 3 – Migrate Calling from on-prem UCM to Webex Calling

- We will use the CUCM config TAR file (exported as part of this Module 1) to migrate device pool, location, numbers, users, devices, etc. to Webex Calling in Module 3
- Automates all migration aspects users, phones, licenses etc.



Module 2 - Bulk Import DID numbers and number assignment

Edit PSTN connection for dCloud

Connection Type

Premises-based PSTN

Routing Choice

Visit the [Trunk](#) or [Route Group](#) page to manage your choices of premises-based PSTN.

None

☒ I confirm that I understand that this change will immediately change the routing of PSTN calls and that dCloud has been set up correctly to accept this change. This could include porting of numbers, configuration of premises equipment and/or coordinating with PSTN providers. Porting of numbers includes: Users, Auto Attendants, Call Queues, Hunt Groups and Voicemail Portals.

Back

Next

Add Numbers (dCloud)

Select a Location

Select Numbers

Done

Enter numbers you want to add

Input your numbers, with area codes, to add them to this location.

Country codes, plus signs, dashes, and parentheses are optional.

Valid examples: 4507832223, (450) 783-2223, 450-783-2223, +1-450-783-2223

Activate Numbers Later ⓘ

X

(618) 579-0093 X (945) 935-0223 X (731) 279-3790 X (984) 245-9092 X (610) 530-2216 X
(904) 953-0324 X (826) 674-4002 X (830) 984-8081 X (445) 761-7345 X (629) 209-1441 X
(840) 361-7359 X (544) 401-5450 X (419) 332-9714 X (607) 719-2204 X (859) 607-9425 X
(447) 504-9510 X 5558924400 X 4713911572 X 4220613094 X 9330049771 X 7301629491 X
7903112617 X 4801875434 X 4886121060 X 6118779747 X 6718449683 X 8755209197 X

Back

Save

DID_numbers.txt - h

File Edit Format View

```
5558924400,  
4713911572,  
6185790093,  
4220613094,  
9330049771,  
7301629491,  
7903112617,  
9459350223,  
4801875434,  
4886121060,  
7312793790,  
9842459092,  
6118779747,  
6718449683,  
6105302216,  
9049530324,  
8266744002,  
8755209197,  
8309848081,  
4516642638,  
5584583056,  
4392007310,  
4457617345,  
5368992088,
```

Overview Floors **Calling**

Calling connection

PSTN connection ⓘ

Premises-based PSTN

[Manage](#)

Main number ⓘ

+61242642000

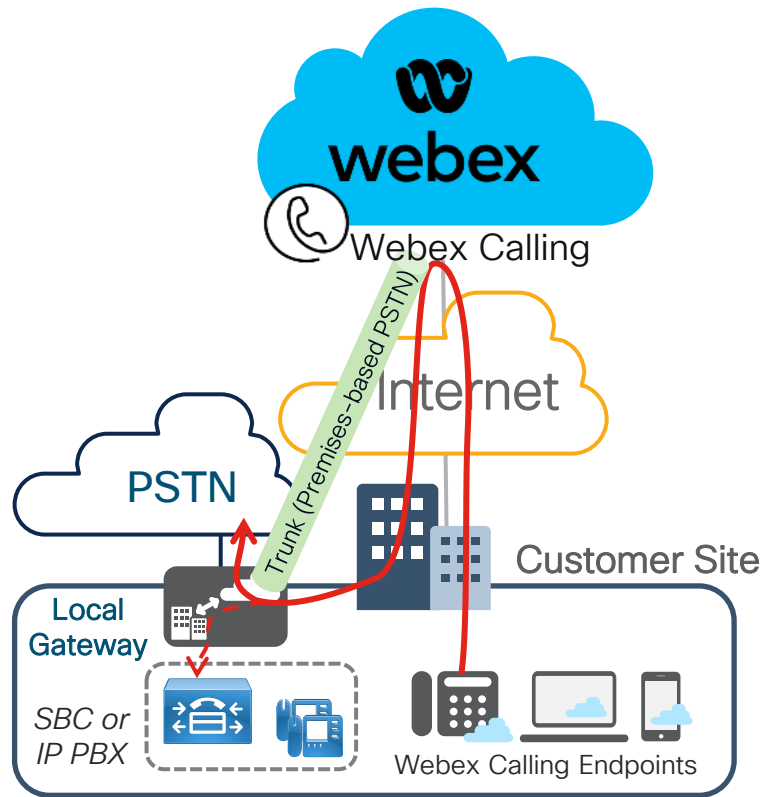
Search

Emergency calling

Callback number ⓘ

+61242642000

Module 4 – Configuring Local Gateway for Webex Calling (Registration-based in this lab)



- Provides connectivity to a customer-owned premises-based PSTN service
- May also provide connectivity to an on-premises IP PBX or dedicated SBC/PSTN GW
- Enables on-prem to Webex Calling transition
- We will test PSTN calls for migrated users/phones in this module. However, it will require some lab specific changes to make those work to accommodate our lab setup

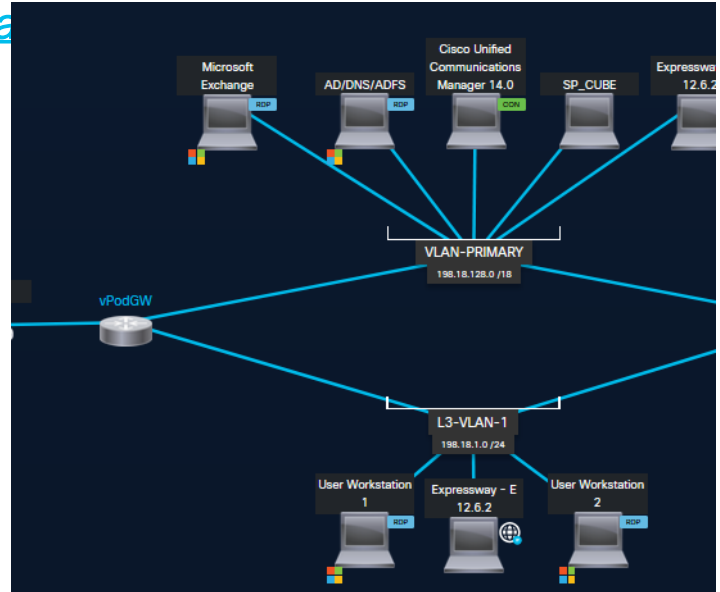
Accessing the Lab

Accessing the Lab - dCloud

- Go to <https://dcloud.cisco.com> and login with your cisco.com credentials
- Open a new tab and grab a pod from the URL

<https://dcloud2-syd.cisco.com/event/404987/a>

- You will be taken to the Lab Topology page.
- Option A (Local RDP)
- Option B (WebRDP)



Option A (Local RDP)

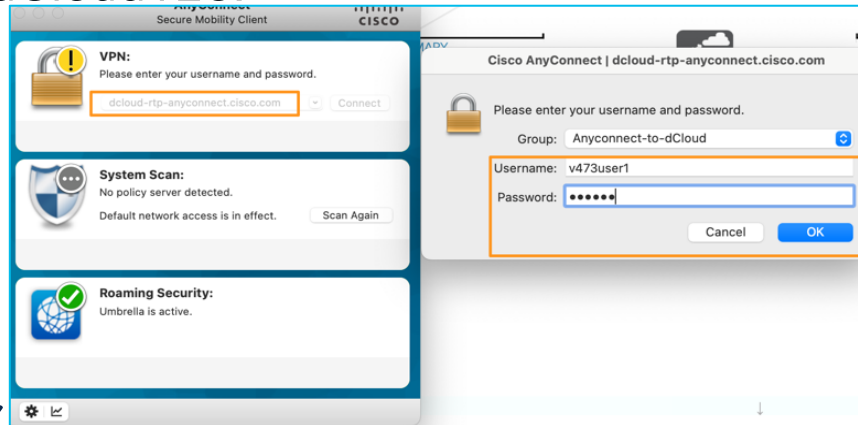
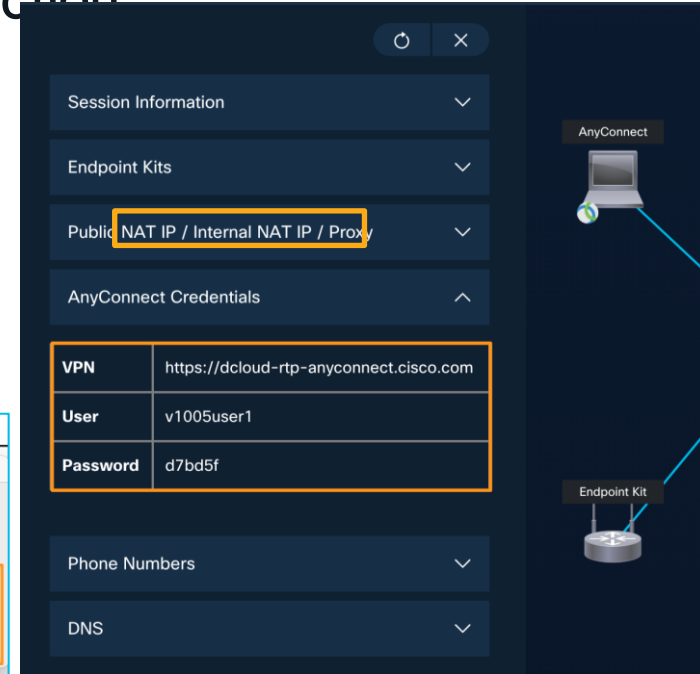
- Access Workstation 1 via local RDP connection
- Info > AnyConnect Credentials

Workstation 1 Details:

IP address: 198.18.1.36

Username: dcloud\cholland

Password: dCloud123!

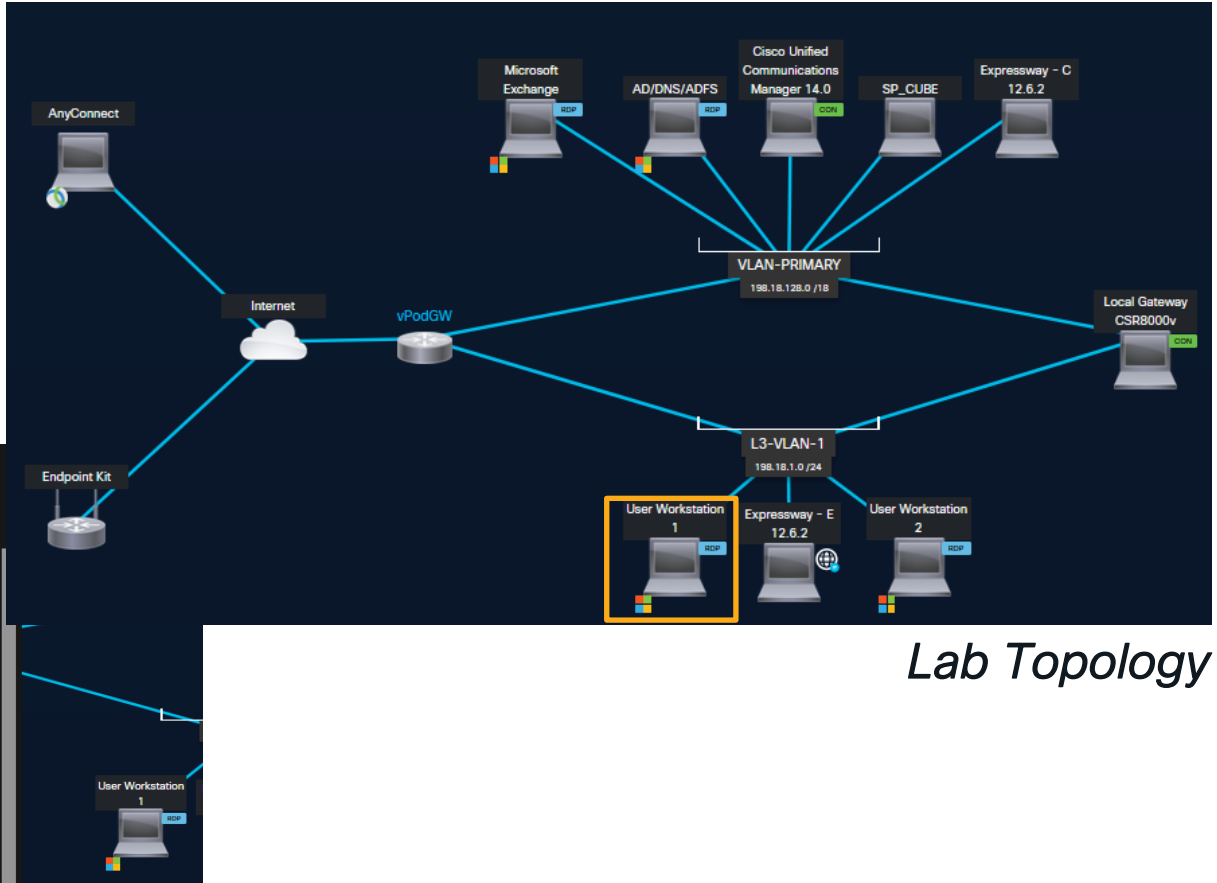


Option B (WebRDP)

Remote Access ^

Web RDP IP Address	198.18.1.36
User	dcloud\cholland
Password	dCloud123!

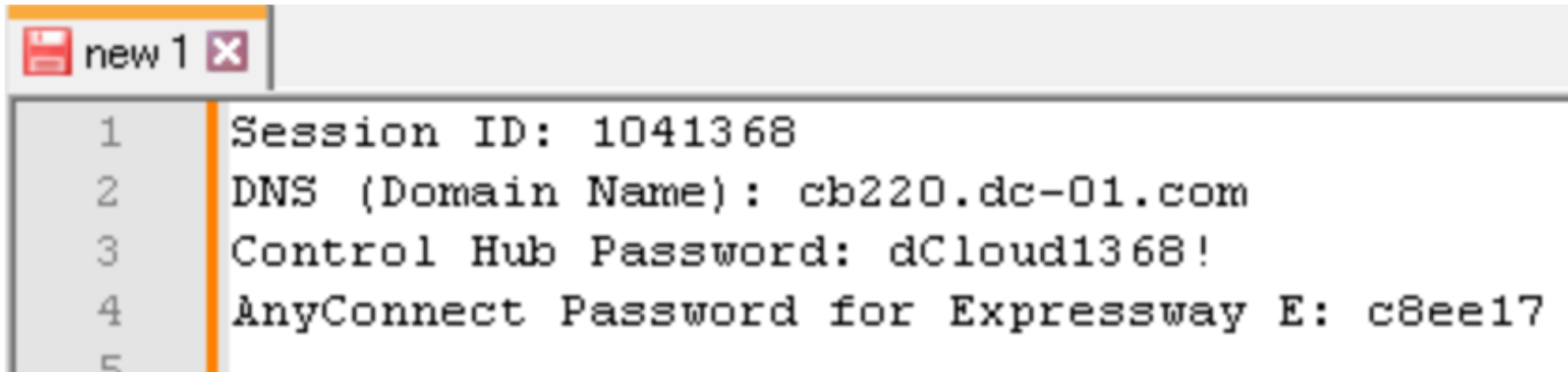
Web RDP



Lab Topology

Save the session related information in a text file

- **Session ID:** you will find it under the details tab, as shown above (Example 1041368)
- **Control Hub password:** dCloud1368! (dCloud + *last four digits of session ID* + !)
- **Domain Name:** Go to the details tab of your session and scroll down to see the DNS name. It will be in the cbXXX.dc-YY.com format.



```
1 Session ID: 1041368
2 DNS (Domain Name): cb220.dc-01.com
3 Control Hub Password: dCloud1368!
4 AnyConnect Password for Expressway E: c8ee17
5
```

Resources

Resources

For more information take a look at the following resources:

- What's new in Webex Calling:
<https://help.webex.com/en-us/article/rdmb0/What's-new-in-Webex-Calling>
- [Collaboration Transitions](#)
- Configure Local Gateway on Cisco IOS XE for Webex Calling
<https://help.webex.com/en-us/article/jr1i3r/Configure-Local-Gateway-on-Cisco-IOS-XE-for-Webex-Calling>

During the Lab

- The instructors are here to help you during the lab
- Feel free to ask for help at any time
- Enjoy the lab



Keynote Deep Dives

Wednesday
10:30am – 11:30am



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Level 2
Room 203



Securing User to Application and Everything in Between

Level 2
Melbourne Room 2



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The HUB
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Thank you

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