SPOTO CCIE Collab LAB Preparation Process

2017

1. **Before SPOTO CCIE Collab LAB (Option for 0 Basic)**

   . CCNA RS

   .CCNA Collab　（Watch INE Video or others, 1 weeks）

   .Option CCNP Collab (Watch INE Video or others, 2 weeks-8weeks)

   .Option Finish IPX/360/INE Collab Workbook (4weeks -12weeks)

   CCIE Collab Study：

- **MONDAY**
  ◦ **Network Infrastructure**
  ◦ **Cisco Unified Communications Manager Setup (CUCM)**
  ◦ **Device Registration**
  ◦ **Cisco IOS Gateways**
- **TUESDAY**
  ◦ **Cisco Unified Border Element (CUBE)**
  ◦ **Regions and Locations**
  ◦ **Media Resources**
- **WEDNESDAY**
  ◦ **Static Dial Plan Routing**
  ◦ **Dynamic Dial Plan Routing**
  ◦ **Unified Mobility**
  ◦ **Dial Rules**
  ◦ **Users and LDAP**
- **THURSDAY**
  ◦ **Misc CUCM Features**
  ◦ **CUCM TRACES and Troubleshooting**
- **FRIDAY**
  ◦ **CUCM Express (CUCME)**
- **SATURDAY**
  ◦ **Unified Messaging – Unity Connection**
  ◦ **Unified Messaging – Unity Express**
  ◦ **Unified Contact Center Express**
- **SUNDAY**
  ◦ **Unified Presence**
  ◦ **Jabber**
  ◦ **Quality of Service (QoS)**
  ◦ **Lab Strategy**

2. **CCIE Collab LAB Exam Format:**

   There is 6 phones on the desk of Cisco.(37lab provide Phone control and Local Support)

   All app and R&S are accessed   remotely.

8's Hours for LAB.

3. **CCIE Collab LAB Examination Contenet:**

   .**LAB 3-4   Normal for Sure!**

No.	Content	Length	Date	Schedule option1	Schedule option 2
1	LAB3-Phase1 Phone Register and CME	1.5 weeks		*No less than 6 hours everyday *Local Support（only Daytime of UTC-8） *Remote Control Phone and all rack *Finish all, Tutor check and give a mail about details score.	*Total 8 weeks Dedicate Rack and Unlimited Time. * 1 V 1 support.
2	LAB3-Phase2 CUCM	2 weeks			
3	LAB3-Phase3 Apps and TS	1 weeks			
4	LAB3-Totals	2 weeks			
5	Lab4	3 weeks			

Or U can only Select Our LAB4. These months, only lab4 for new guy.

No.	Content	Length	Date	Schedule option1	Schedule option 2
1	LAB4-Phase1 Phone Register and CME	1.5 weeks		*No less than 6 hours everyday *Local Support（only Daytime of UTC-8） *Remote Control Phone and all rack *Finish all, Tutor check and give a mail about details score.	*Total 8 weeks Dedicate Rack and Unlimited Time. * 1 V 1 support.
2	LAB4-Phase2 CUCM	2 weeks			
3	LAB4-Phase3 Apps and TS	1 weeks			
4	LAB4-Totals	2 weeks			

Every steps: we will check that.

Example real LAB 3：

6.1-Cisco Unified Contact Center Express Integration

6.1a-HQ UCCX Integration
Configure the following CUCM,UCCX,and ICD script to accommodate the customer requirements for HQ
listed below:
CTI Route Point:2400
CTI Ports:2401 to 2405
Jtapi prefix:jtapi
Jtapi password:cisco
RM user name:rm
RM password:cisco

Add an second line on HQ phone 1(dn 2201) to be deicated to agent calls. Configure the IP phone agent phone service for this phone configure ICD so that calls entering into the queue can hear how many calls are in Currently in the queue. For example, if there is one call waiting in the queue, another new call into the hear "thank you for your patience" there are currently two calls waiting, our customer service representatives will answer all calls in the order they were received.
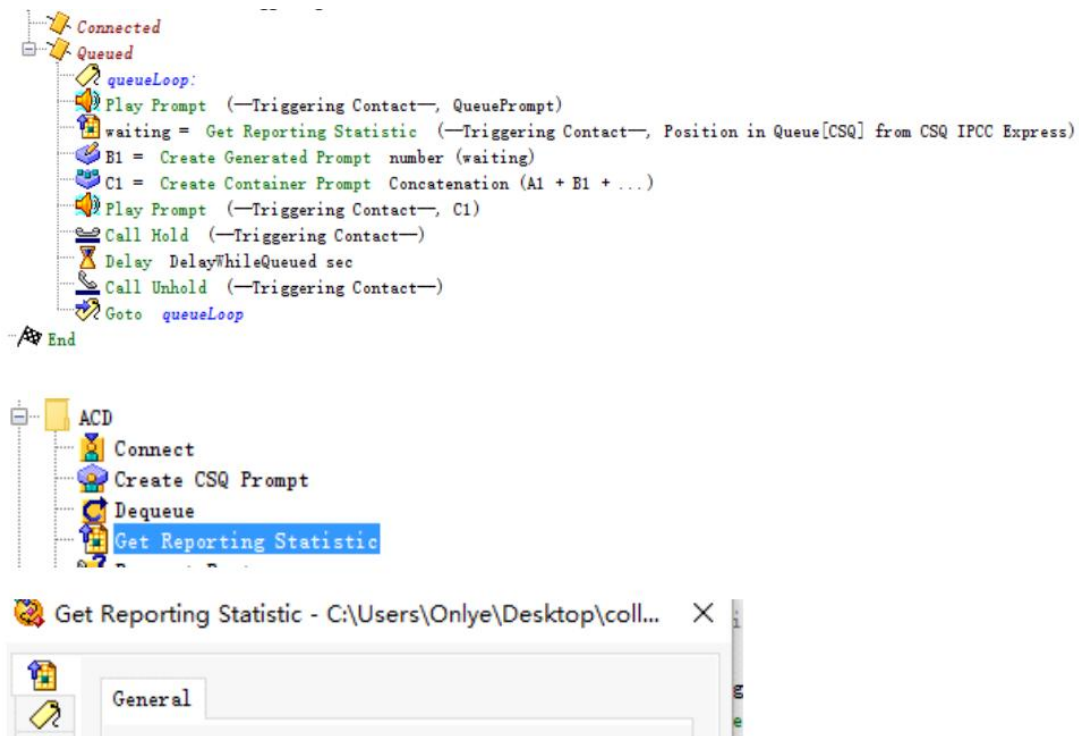
Solution:

HQ CUCM：

User Information

User Status	Active Local User
User ID*	uccxadmin
Password	••• Edit Credential
Confirm Password	••
PIN	••• Edit Credential
Confirm PIN	••
Last name*	uccx

Phone Service:

Service Information

Service Name*	UCCX
ASCII Service Name*	UCCX
Service Description	UCCX OneLogin Button
Service URL*	.64.14:6293/ipphone/jsp/sciphonexml/IPAgentLogin.jsp
Secure-Service URL	
Service Category*	XML Service
Service Type*	Standard IP Phone Service
Service Vendor	
Service Version	

☑ Enable

And we provide Video too.

Example real LAB 4：

Change many, just as Apps all changed, but we can help u pass!

Our Service Example:

collab lab3 checklist

on real lab, I use this to check.

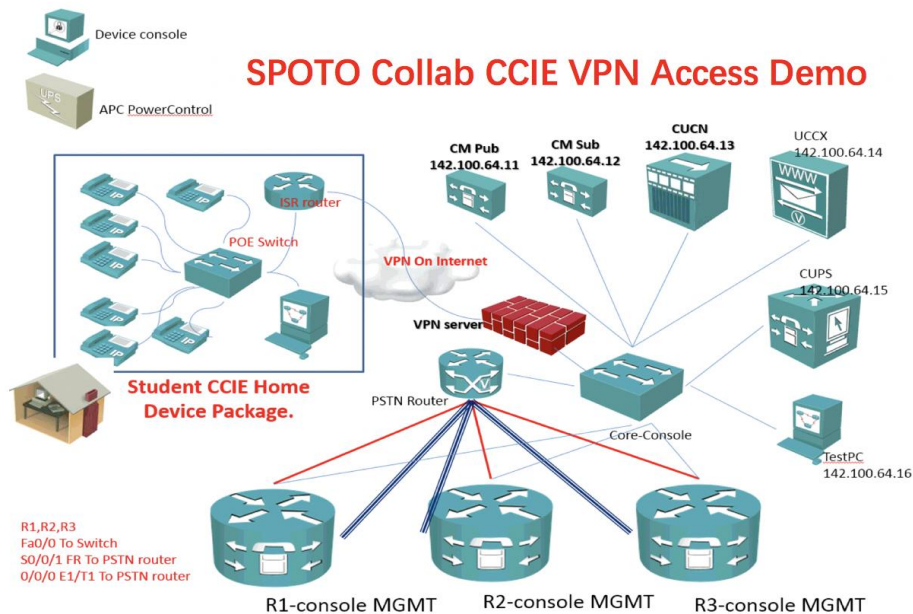| No.	name	tool	method	example
0	basic check	ping	R1:142.100.64.11/12, 157.26.1.250/253, 157.26.1.11 R2:ping 142.100.65.11, 157.26.1.250 ping 157.26.1.250	
		cucm cli, web, RTMT	check database hq cluster	
1.1	vlan	sh vlan		
		phone check vlan etc.		
1.2	dhcp、ntp	check phone address		sh ip dhcp binding

Our Special Support Service:

Collab LAB1-3, we only provide teamview service, but now, we provide VPN Service, u just like in real exam.

Our VPN Service, just like real lab, maybe u are in SJ, Beijing, Dubai or other LAB, but BB device in Cisco CCIE LAB DataCenter.

Now, your home device in your home or office, and u can vpn connect our BB device.

Your Home Device List:

1、 Cisco ISR Router for vpn and L2TPV3：28xx,29xx routers
2、 Cisco POE Switch for trunk (show cdp nei, u can see our BB device)：15W for phones.
3、 Cisco Phones
    *7965*3
    *9971*3 with Camera.

Note:

We only provide Teamview for Test. And after payment, We provide VPN Service.