**Step 1 -- Pre-Provisioning Network Resources**  
  
1. Create a Call Agent named `BT Call Agent` by using `Call Agent` Logical Device specification.  
2. Create a VM Server named `BT VoiceMail` by using `voiceMailServer` Logical Device specification.  
3. Create a DHCP server named `BT DHCP` by using the `DHCP Server` Logical Device specification.  
4. Create a TFTP server named `BT TFTP' by using the `TFTP Server` Logical Device specification.

**Step 2 -- Pre-Provisioning Users:**  
1. Create a location named `1100001` by using `serviceLocation` Place specification.  
2. Create a Inv Group named `UK IG Postal 01 ` by using `postalCodeTnArea` Inv Grp specification.  
3. Add above location to the Inventory group Summary page.  
4. Create another Inv Group named `UK IG London area` by using `geographicTnArea` Inv Grp specification.  
5. Add above Postal code Inv Group as children to Geographic Inv Group.  
6. Create Telephone number block as Range From – 519 66 by using `ukTelephoneNumberBlock` spec.  
7. Associate Postal code Inv Group `CA IG Postal M5H` to 519 66 Telephone Number Block.  
 - Block Availability: Checked  
 - Block Indicator: Checked  
 - britishTelecom

**Step 2A -- Pre-Provisioning Users (continued....):**  
  
8. Create a telephone number `519 661-4501` by using `ukTelephoneNumber` TN specification:  
 - TN Type -- Owned  
 - britishTelecom  
9. Create a location named `UK` by using `country` Place specification.

9A. Create a location named `London` by using `ukCity` Place specification.

10. Create an user's address by using `ukAddress` Place specification:  
 - Name -- UIMQA  
 - Address Line 1 -- 110 The Queens Walk   
 - Address Line 2 -- Southwark  
 - City -- London  
 - Postal Code -- 1100001  
 - Country -- UK  
11. Create a Service delivery location named `UIMQA House` by using `serviceLocation` Place specification.  
12. In the Place Hierarchy area, add the address created earlier as a child item.  
13. Create a user handset named ` UIMQA IP Phone' by using the `IP Phone` Logical Device specification.  
14. Create an IP address for user’s phone by using the `IPv4 IP Address` CNA specification:  
 - 192.168.1.7  
 - CIDR - 32  
15. Create a VoIP user account by using `VoIP User` LDA specification:  
 - Name -- UIMQA VoIP A/c  
 - Logical Device ID: Search and Select IP Phone created above  
 - User ID -- 000007  
 - Profile ID -- 000007  
 - Username -- uimqa  
 - Password -- password  
 - Authentication Realm:oracle  
16. Create a user’s VM a/c named ` UIMQA VM a/c` by using `voiceMailAccess` LDA specification.  
 - Name: UIMQA VM a/c  
 - Logical Device ID: Search and Select Voice Mail Server created above.

**Step 3 -- Creating Services:**  
  
1. Create a Service by using `VoIP Service` Service specification:  
 - Name - UIMQA VoIP service  
 - Protocol -- SIP v2  
 - Add a new configuration -- `VoIP Service Configuration`  
 User Details -- Allocate --> ` UIMQA VoIP A/c`.  
 - Add config Items:  
 Call Agent -- Allocate --> `BT Call Agent`  
 Customer Site Access  
 - Add sub-config items  
 - Customer Precise Equipment -- Allocate --> ` UIMQA IP Phone`  
 - IP Address -- IPv4 Address -->192.168.1.7  
 - DHCP Server -- Allocate --> `BT DHCP`  
 - TFTP Server -- Allocate --> `BT TFTP`  
  
2. Create a Service named ` UIMQA Voicemail` by using `voiceMailService` Service specification.  
 - Add a new configuration -- `voiceMailServiceConfiguration`  
 - VM Server --> Allocate --> `BT VoiceMail`  
 - VM Access --> Allocate --> ` UIMQA VM access a/c`  
  
3. Create a Service named ` UIMQA Phone Service` by using `phoneService` Service specification:  
 - Add a new configuration -- `phoneServiceConfiguration`  
 - Telephone Number - Allocate -> 519 661-4501  
 - Add config items   
 - Service Location -- Allocate --> ` UIMQA House`  
 - Service Deliver -- Allocate --> VoIP Service -- ` UIMQA VoIP service`  
 - Voice Mail -- Allocate --> `Voice Mail Service -> ` UIMQA Voicemail`

**Step 4 -- Validate the service.**

**Step 5 -- Activate the service.**