TelePresence

VCS Starter Pack (x7.1) - AD Integration

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VCS Starter Pack (x7.1) - AD Integration
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1 Introduction

This document describes Active Directory (AD) integration/ authentication with **Cisco TelePresence Video Communications Server** (Cisco VCS) **Starter Pack Express** for Jabber/ Movi accounts. This guide assumes you already have a SIP domain, FindMe, and other settings configured as per the "Cisco VCS Expressway Starter Pack Deployment Guide X7-1."

1.1 Release Notes

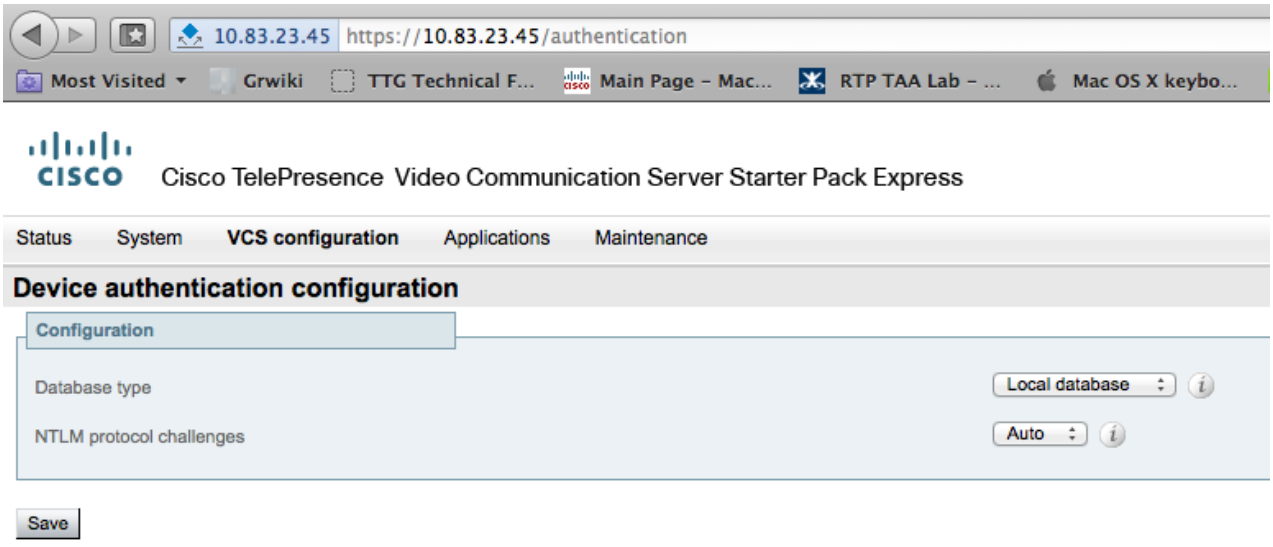
Table 1 - Release Notes

Technical Change	Title(s) of Affected Section(s)	Changes Made By	Date
Initial Release		Matt Limbrick	9/17/12

2 Setting up Movi/ Jabber Accounts with Users from AD

To integrate the Movi/ Jabber accounts with users from Microsoft **Active Directory (AD)** into the **VCS Starter Pack**:

1. Go to the **Device authentication configuration** section (**VCS Configuration> Authentication> Devices> Configuration**) and configure the following fields:
   - **Database type**: Select either **Local database** or **LDAP database** (doesn't matter)
   - **NTLM protocol challenges**: Select **Auto**



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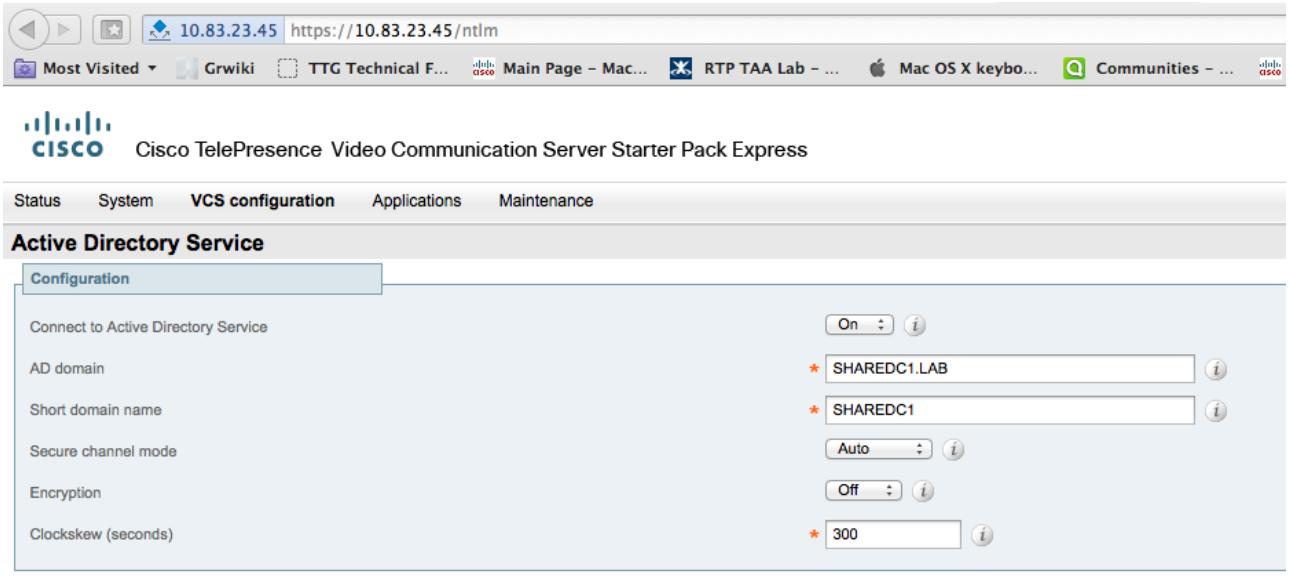
NOTE: From X7.0, the **local database** includes credentials stored within the TMS Agent database (which is provided by Cisco TMS if TMS provisioning is enabled).

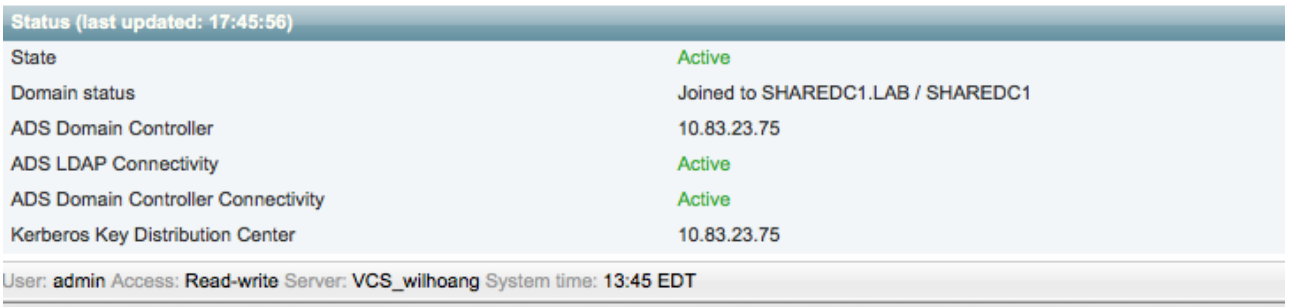
- Checking against the TMS Agent database aids migration from a provisioning-only authenticated system to a configuration where all messages are authenticated means that VCS can authenticate all messages against the credentials generated by TMS which were previously used by the Provisioning Server just to authenticate provisioning requests (i.e., no change of password is required for provisioned devices).
- Prior to X7.0, the VCS did not check against the TMS Agent database, it only checked the manually configured credentials in the local database.
- If you are using an H.350 directory service lookups for authenticating endpoints instead of credentials in TMS, you would select **LDAP database.**

Please refer to the "Cisco VCS Authenticating Devices Deployment Guide X7.1" for further information.

2. Go to the **Active Directory Service** section (**VCS Configuration> Authentication> Devices> Active Directory Service**) and configure the following fields:
   - **Connect to Active Directory Service**: Select **On.**
   - **AD Domain**: Type `(FQDN of the AD domain)`.
   - **Short domain name**: (`NetBIOS name of the AD domain`).
   - **Secure channel mode**: Select **Auto.**



   - Make all **Status** fields **Green** and **Active.**



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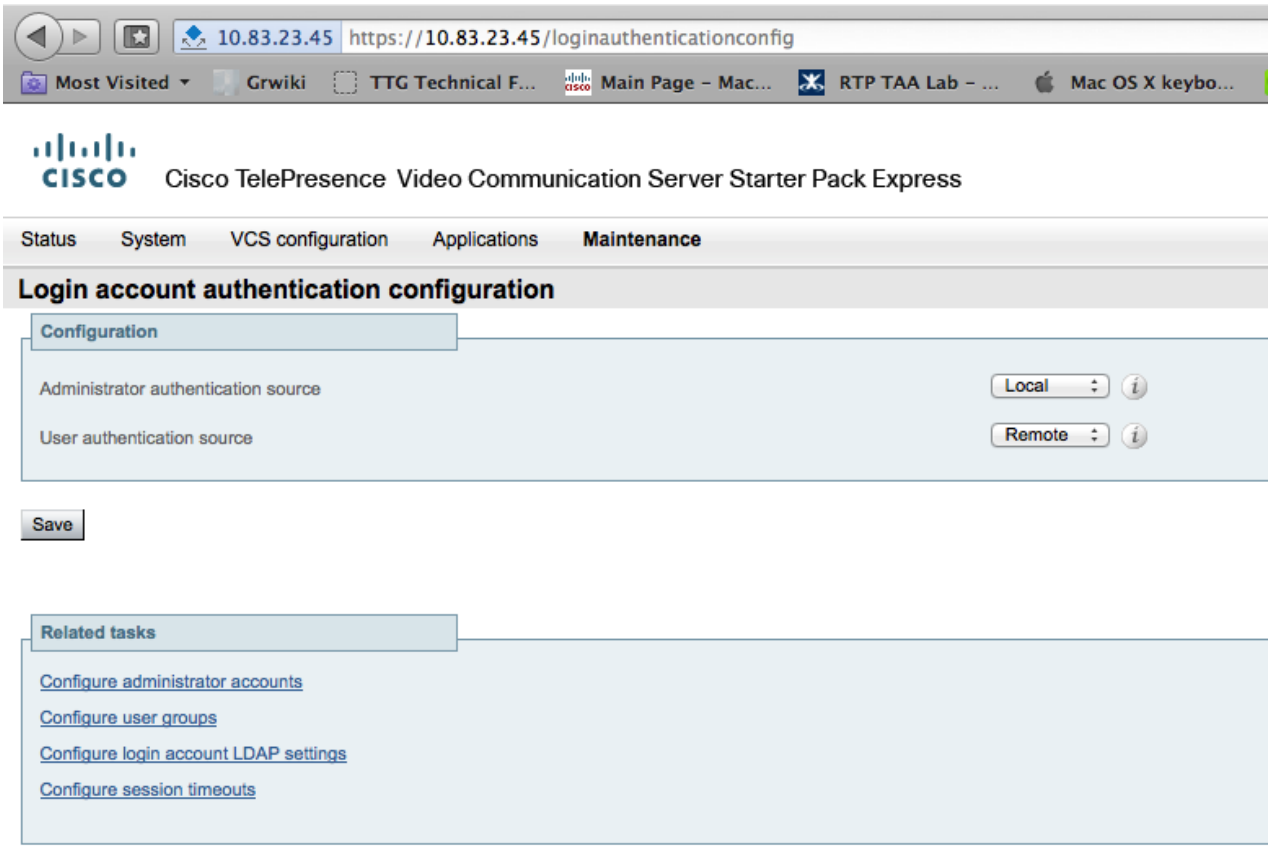
3. Go to the **Login account authentication configuration** section (**Maintenance> Login accounts> Configuration**) and configure the following fields:
   - **Administrator authentication source**: Select **Local** (if using built in or local accounts).
   - **User authentication source**: Select **Remote** (For AD users).



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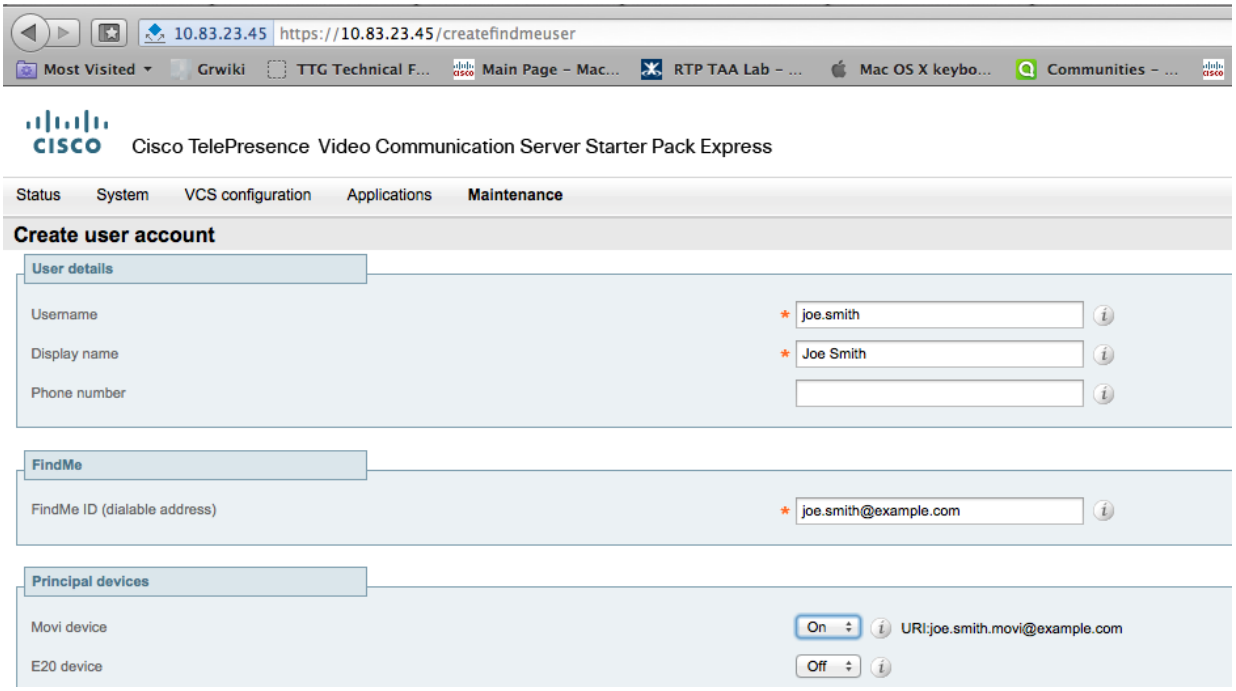
4. Go to the **Create user account** section (**Maintenance> Login accounts> User accounts**). You must manually create a user account for each user in Microsoft **Active Directory** (AD) you would like to allow having a Movi/ Jabber account. (If you had TMS integration, you can pull in the accounts from AD automatically.)

   Fill in the following user account fields:

   - **Username**: Same username used to login with AD (i.e., joe.smith).
     * No password field is here because the user will use their AD password. *
   - **Display name**: What you would like to appear as the caller ID (i.e., Joe Smith).
   - **FindMe ID**: The initial dial string needed when calling this user's aliases. (i.e., joe.smith@example.com)
   - **Movi Device**: Select **On** (i.e., joe.smith.movi@example.com).



Users with AD credentials can now be logged in to the Movi/ Jabber client.

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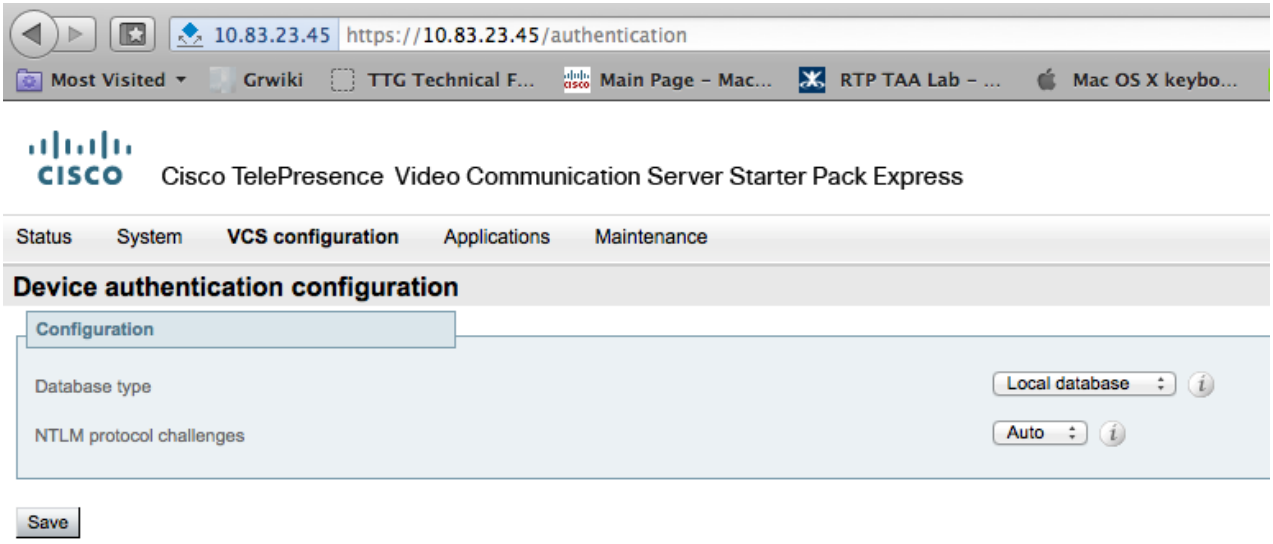
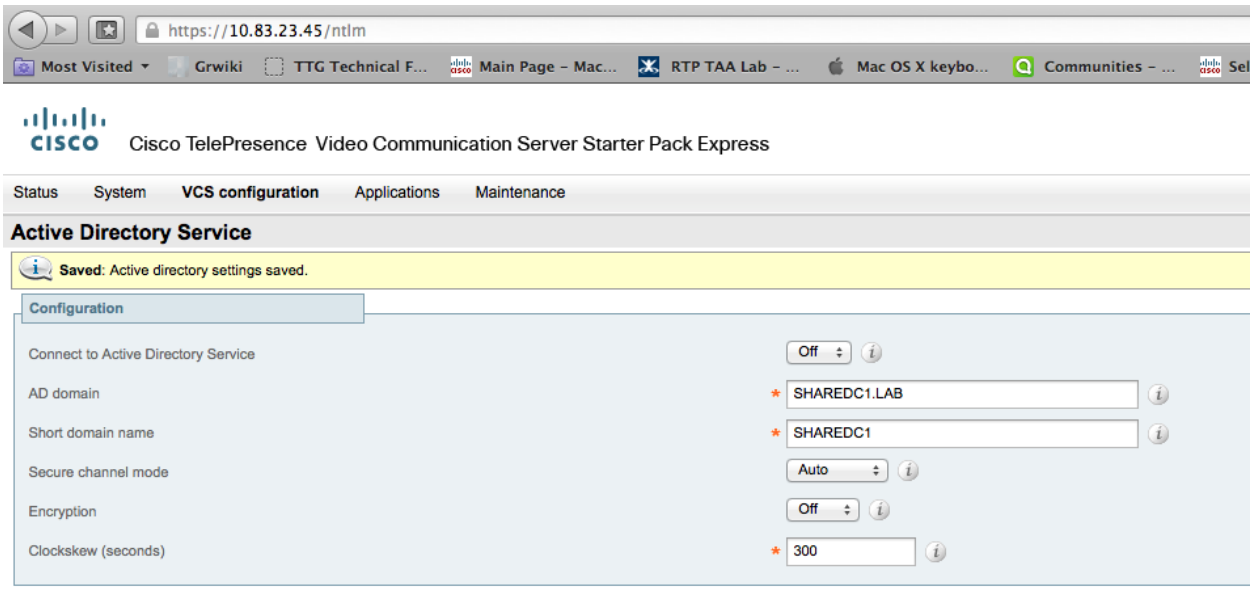
3 Integrating the Starter Pack and Movi without an AD

To integrate the Movi User with a Microsoft **Active Directory** (**AD**) into the VCS Starter Pack:

1. Go to the **Device authentication configuration** section (**VCS Configuration> Authentication> Devices> Configuration**) and configure the following fields:
   - **Database type**: Select either Local database or LDAP database (Again refer to “Cisco VCS Authenticating Devices Deployment Guide X7.1”)**.**
   - **NTLM protocol challenges**: Select **Auto.**



2. Go to the **Active Directory Service** section (**VCS Configuration> Authentication> Devices> Active Directory Service**). Make sure **Connect to Active Directory Service** is **OFF.**



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- Make all **Status** fields **Red** and **Inactive.**

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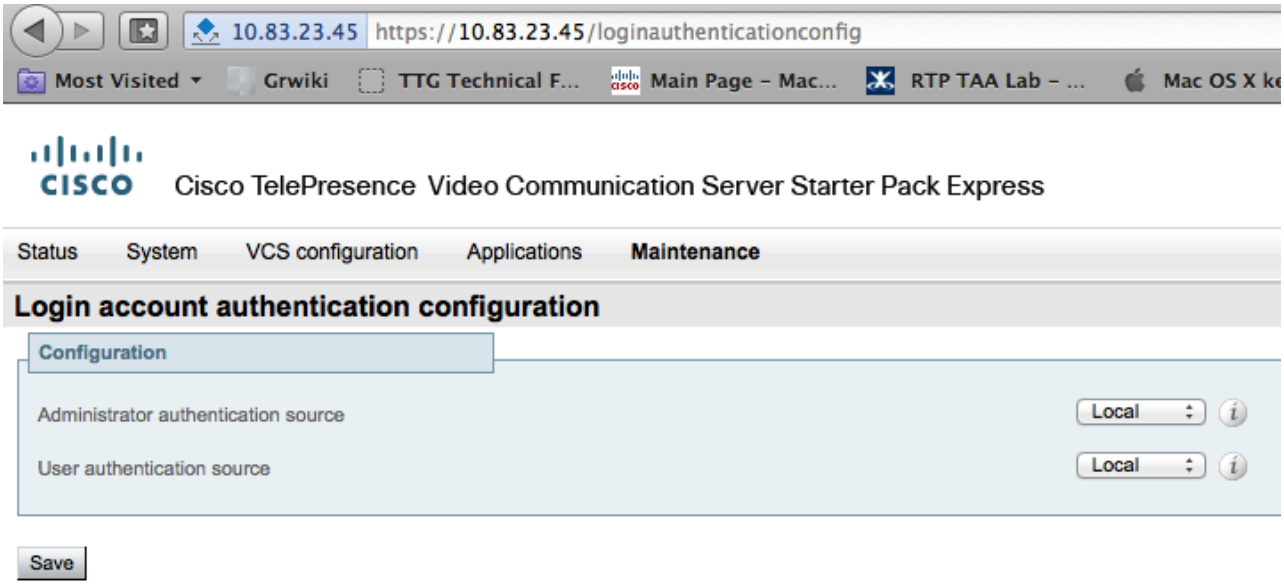
Go to **Login account authentication configuration** section (**Maintenance> Login accounts> Configuration**) and configure the following fields:

- **Administrator authentication source**: Select **Local.**
- **User authentication source**: Select **Local.**



3. Go to **Create user account** section (**Maintenance> Login accounts> User accounts**) and click **New**. You must manually create a user account for each user you would like to allow having a Movi/ Jabber account. Fill in the following user account fields:
   - **Username**: Any username used to login (i.e., joe.smith).
   - **Display name**: What you would like to appear as the caller ID (i.e., Joe Smith).
   - **FindMe ID**: The initial dial string needed when calling this user's aliases. (i.e., joe.smith@example.com)
   - **Password/ Confirm**: A password for each user to login.
   - **Movi Device**: Select **On** (i.e., joe.smith.movi@example.com).

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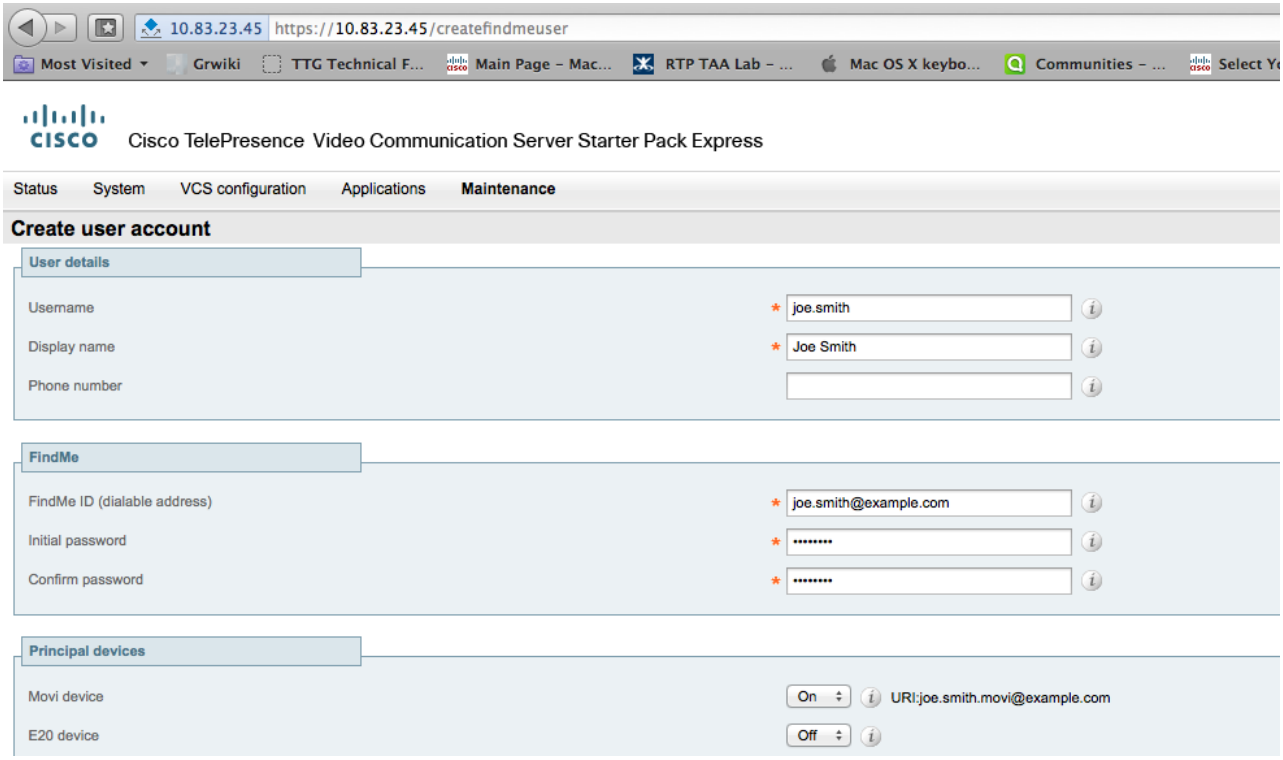
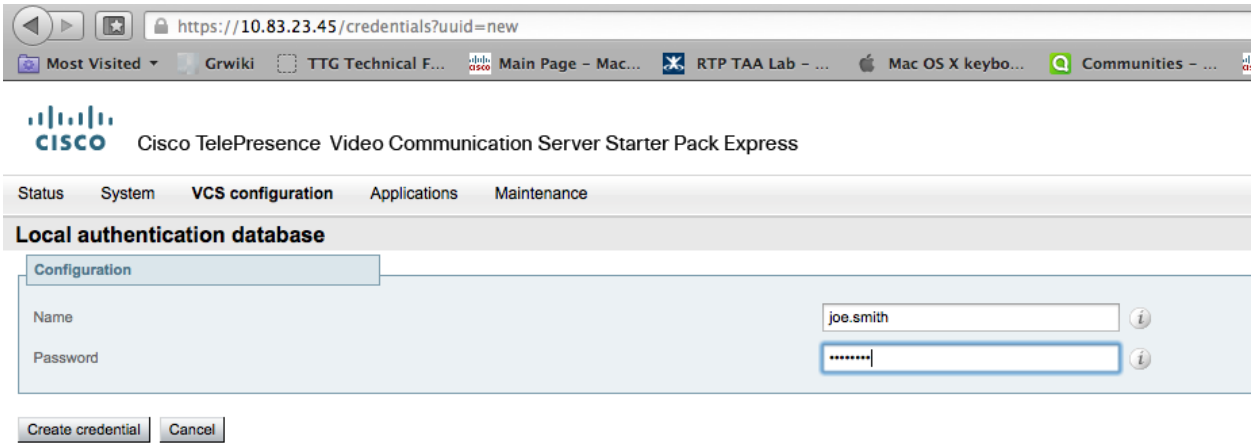


4. Create the user in the local database. Go to **VCS configuration> Authentication> Devices> Local database**> and click **New.** Configure the following fields and click **Create credential.** (This is because there is no AD to authenticate users to, so you need to create the user locally.)
   - **Username**: Use the same username as created in step 4 above.
   - **Password**: Use the same password as created in step 4 above.



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