Steps for provisioning:

1. Authorize the customers credit card. Must create the Payment profile. Function for this is createCustProfile
2. If not authorized, fail and do not move further – prompt user have them input a proper card. As a note, some for of Captcha on that page? Maybe the “I am not a Robot” one?
3. Authenticate to the vCloud API – Function is Authenticate. This is to just get your auth token to do the rest.
4. Verify that the org shortname does not exist within vCloud API – function is verifyOrgNotExists. You can have the customer fill that in on the website, or use the customers Company name and if spaces, concatenate with no spaces.
5. Next is create the general organization (shortname) within vCloud director. This is the initial tenant. Process is instant – function Is CreateOrg.
6. After the org is create, you need to get the Reference to that org to do the remaining steps. This is in getOrgHref.
7. You must enable the org – enableOrg.
8. You then must get the AdminRoles for the entire vCloud director and their HREF’s as in step 6. You need this to create the first user in the org. getAdminRoles.
9. Create the admin user in the Org. createAdmin.
10. Assign a password to the admin account – updateAdminUser
11. This is the LONG running process – createOrgVDC. This is where vcloud is creating the new virtual datacenter for the user. Should be able to get a task reference to check the status of it every now and then – Process takes about 3 minutes on average. The end user needs to be told that stuff is moving and going.
12. Once the virtual datacenter is created, need to get its reference. – getVDC.
13. Now, we need to create a Catalog so that the tenant can store Media files and so forth. This process is instant. – createCatalog
14. During step 11, we created an EdgeGateway ( a virtual firewall). We need to get the reference for that gateway – getEdgeGateway.
15. We now need to convert the Gateway to what is called an Advanced Gateway. This is a long running process similar to step 11 with a task and must be checked for status and inform user.
16. Once all that crap is successful, need to store the information in the database. – insertnew.
17. Additonal items needed –
    1. Send an email to the customer with their login ID, tenant URL and a welcome message basically.
    2. Also need the information above displayed on the success screen.