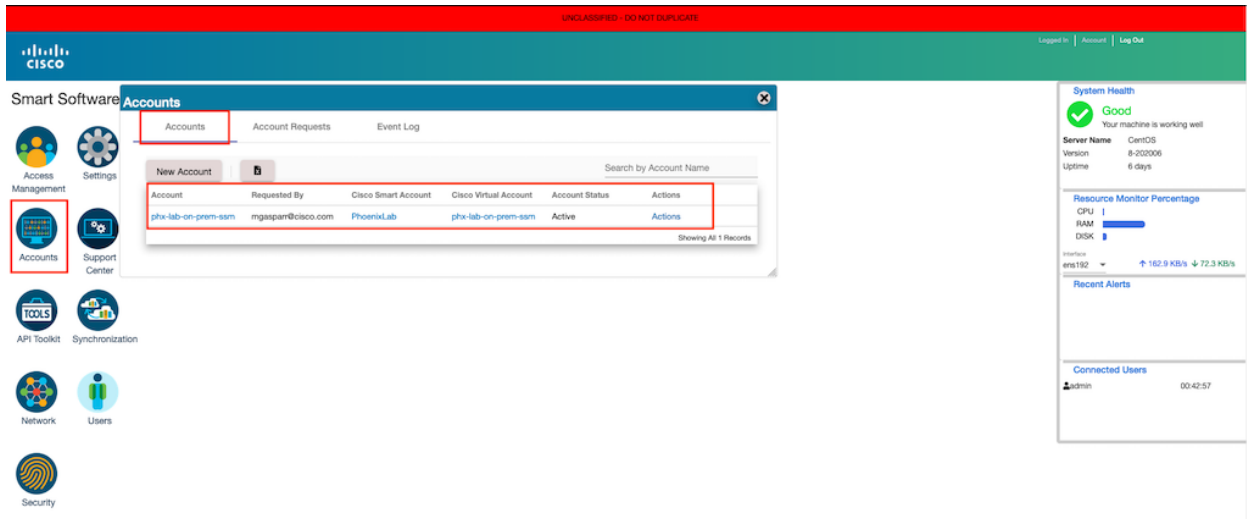


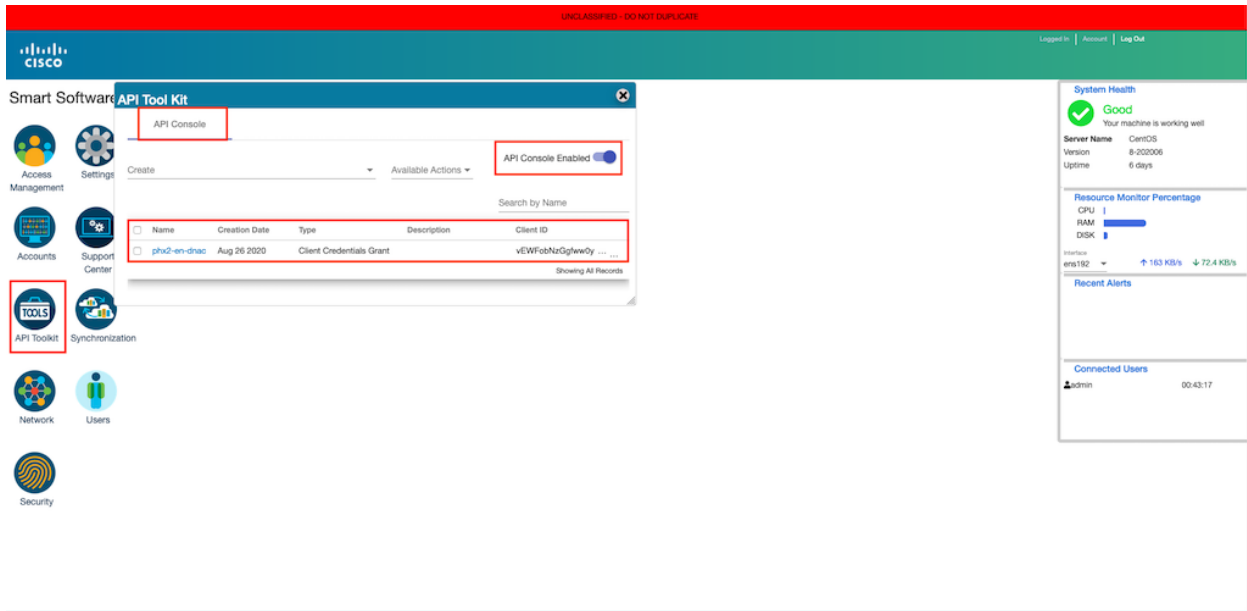
Step 1:

After the On-Prem LA has been linked to your Cloud VA it should show in the admin interface of the On-Prem server in the “Accounts” widget.



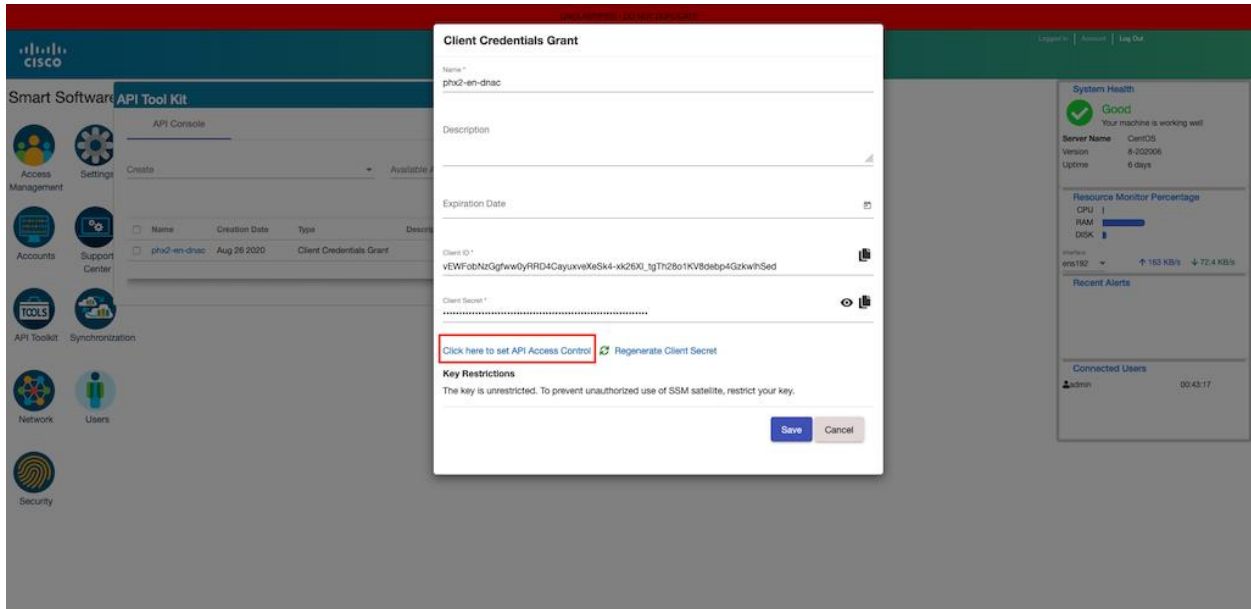
Step 2:

Now create an API account by selecting the “API Toolkit” widget. In the API Toolkit widget, you can select “Create” and then select “Client Credentials Grant” which enables machine-to-machine access over the API procedures. It is also important to turn the selector to on for the “API Console Enabled”. It should allow you to create an API account as follow:



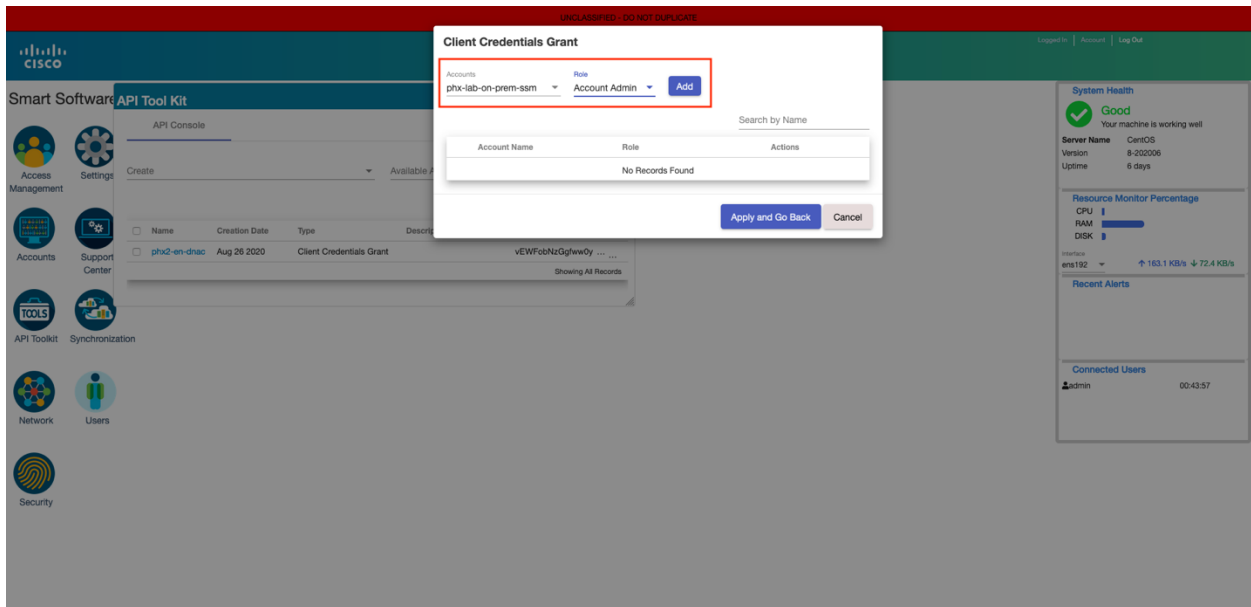
Step 3a:

By clicking the new API account, you can select the access controls needed for the DNA Center to communicate with. This is a critical point in the configuration. Select “Click here to set API Access Control” to add the Local Account that will be used to create the connection from DNA Center to the On-Prem license server.



Step 3b:

Select the “Accounts” drop down and pick the account you want the linkage from DNA Center to the On-Prem license server along with the “Role” being Account Admin. Now select “Add” to grant access. Click the “Apply and Go Back” button to return to the API account. Please note that the account must have the system role of “system admin”.

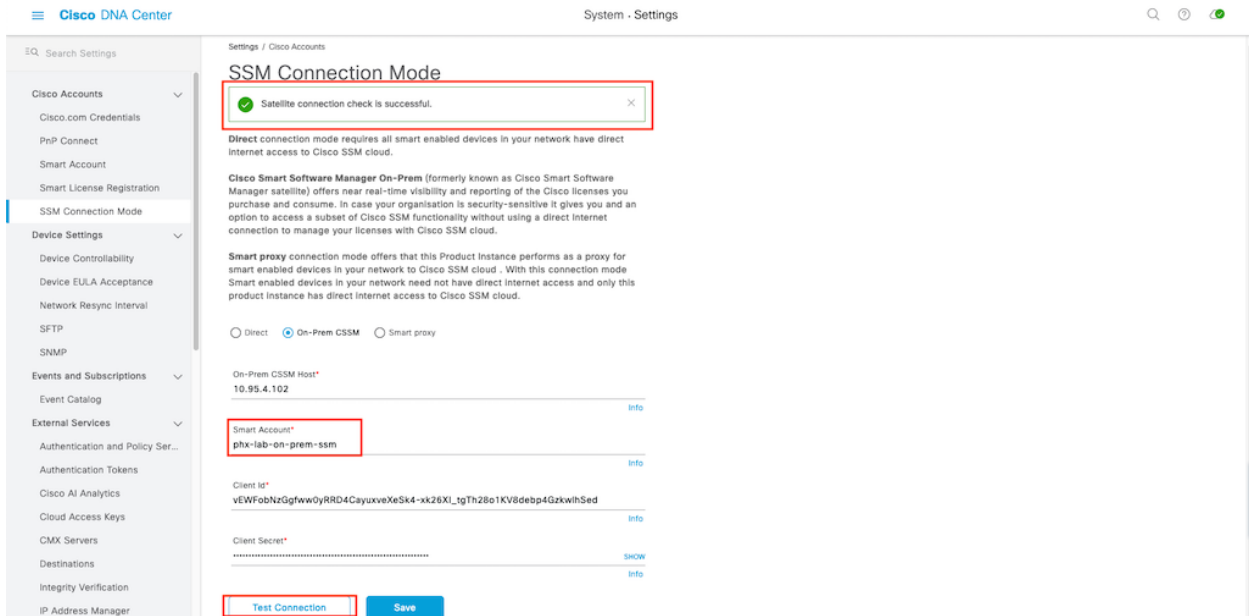


Step 4:

It is time to add the linkage from DNA Center to the On-Prem license server. In the DNA Center UI go to “Settings” and under “Cisco Accounts” select “SSM Connection Mode”. When all the information for the On-Prem license

server is inputted, select the “Test Connection” button and if the information is right it will give you a pop-up box at the top of the screen stating, “Satellite connection check is successful”. If you use any name other than the On-Prem Local Account name it will fail.

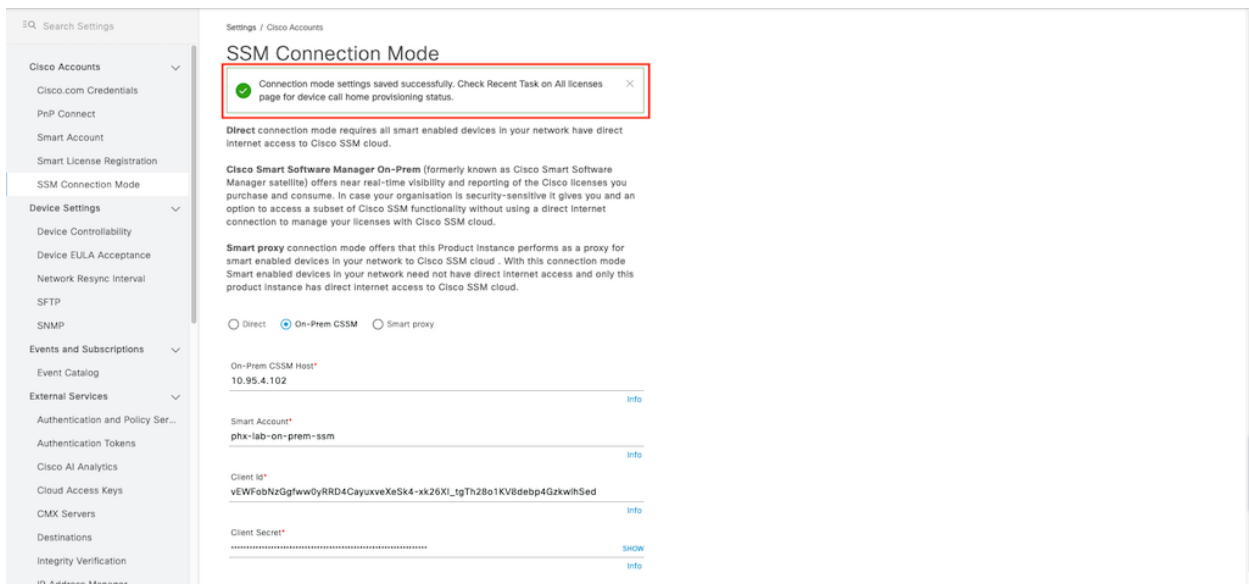
Note: It asks for a “Smart Account” this is NOT your Cloud SA name, it is not your Cloud VA name. It is the name you gave the Local Account in the On-Prem license server that links to the Cloud VA. *This account name can not contain spaces nor special characters*****



The screenshot shows the Cisco DNA Center interface for the SSM Connection Mode settings. A red box highlights a green notification at the top: "Satellite connection check is successful." Below this, the "On-Prem CSSM" radio button is selected. The "Smart Account" field is filled with "phx-lab-on-prem-ssm" and is also highlighted with a red box. At the bottom, the "Test Connection" button is highlighted with a red box.

Step 5:

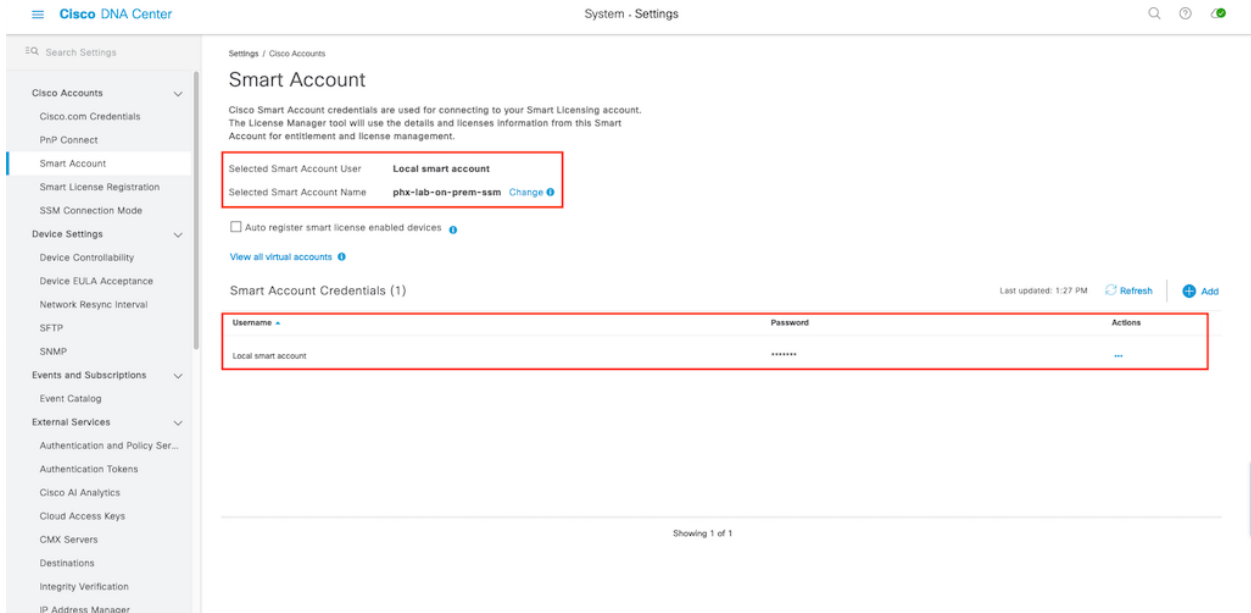
Now click the “Save” button and you should see another pop-up window at the top stating “Connection mode settings saved successfully. Check Recent Task on All licenses page for device call home provisioning status”.



The screenshot shows the same Cisco DNA Center interface. A red box highlights a green notification at the top: "Connection mode settings saved successfully. Check Recent Task on All licenses page for device call home provisioning status." The "Save" button from the previous step is now disabled.

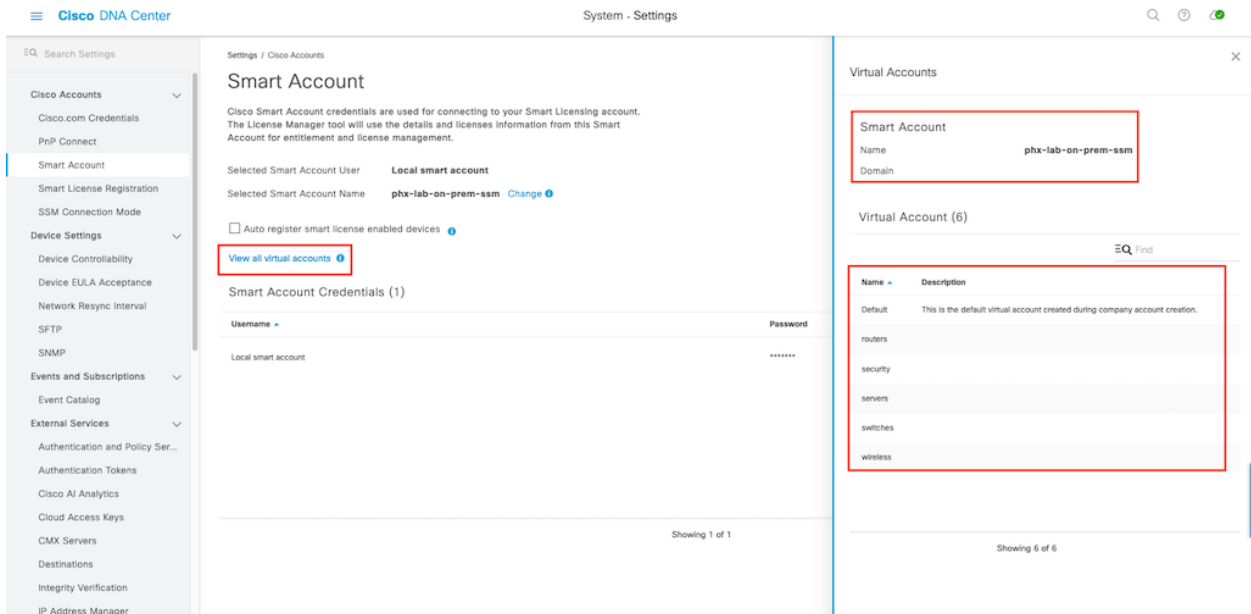
Step 6:

Verify that the DNA Center is now linked to the On-Prem license server by going to “Settings -> Cisco Account -> Smart Account”. In the Smart Account section, you should now see the “Selected Smart Account User” is set to “Local smart account” and the “Selected Smart Account Name” is the name of the LOCAL ACCOUNT name being used for the SSM Connection Mode section.



Step 7a:

If you have nested Local Virtual Accounts under the main Local Account, you will see those by selecting “View all virtual accounts”.



Step 7b:

You can see these nested LVA accounts in the On-Prem license server portal management and not the admin portal.

The screenshot displays the Cisco Smart Software Manager On-Prem portal interface. At the top, there is a navigation bar with the Cisco logo, user information (Hello, Local Admin), and workspace details (Admin Workspace). Below this, the breadcrumb trail shows 'Smart Software Manager On-Prem > Manage Account'. A dropdown menu is open, showing 'pfx-lab-01-prem-ssm'. The main content area is titled 'Manage Account' and includes tabs for 'Account Properties', 'Virtual Accounts', 'Users', 'Custom Tags', 'User Groups', 'Access Requests', and 'Event Log'. The 'Virtual Accounts' tab is active, displaying a table of virtual accounts. The table has columns for 'Virtual Account Name', 'Description', and 'Actions'. The rows include 'Default', 'routers', 'security', 'servers', 'switches', and 'wireless'. The 'Default' row has a description: 'This is the default virtual account created during company account creation.' The 'Actions' column for each row contains a 'Delete...' link. At the bottom of the table, it says 'Showing All 6 Records'.

Final Notes:

The Local Virtual Accounts are NOT managed by the Cisco Smart Account. These accounts are NOT visible to the Cisco Smart Account. Currently Cisco Virtual Accounts that have nested sub-Virtual Accounts cannot be seen in the DNA Center's Local Account that is mapped to a Cisco Virtual Account.

Q What is a Local Virtual Account?

A Within a Local Account, SSM On-Prem offers another layer in the account Hierarchy. At Cisco, you have a Smart Account where you can create multiple Virtual Accounts to group products and license. When a Virtual Account is linked to On-Prem, you can create more layer of sub-accounts. That is SA -> (VA == LA) -> LVA.

Q Can I see and manage the Local Virtual Accounts in my Cisco Smart Account?

A No, for privacy reasons, the Local Virtual Account information is not shared with Cisco, instead all of the license and product usage is aggregated and sent as totals. This allows for government and other security concerns a way to deploy equipment without sharing the associations with Cisco.

https://www.cisco.com/c/dam/en_us/buy/smart-accounts/ssm-satellite-enhanced-edition-faqs-2018.pdf