

## [How to use VPX Check-in/Check-out licenses for Auto-provisioning of VPX in NSX environment](#)

### Introduction:

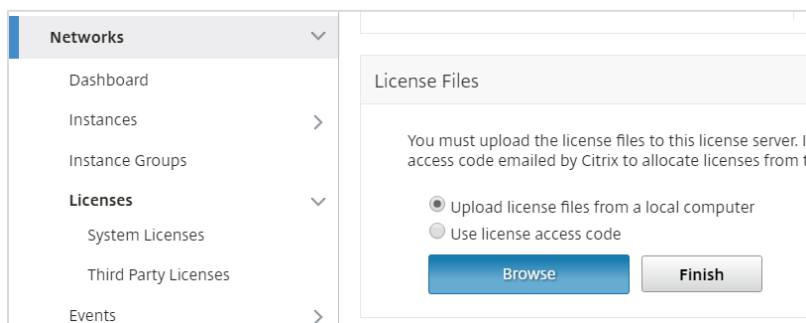
To support the dynamic nature of VMware NSX environment where VMs are provisioned on demand and de-provisioned on demand MAS licensing capabilities and VPX check-in/check out capabilities can be leveraged.

MAS acts as a local licensing server and makes the repository of VPX licenses. MAS allows VPX instances that are coming dynamically on NSX to check-out the licenses and check-in back when they are getting de-provisioned. This way MAS supports the dynamic nature of NSX and enables the reuse of licenses.

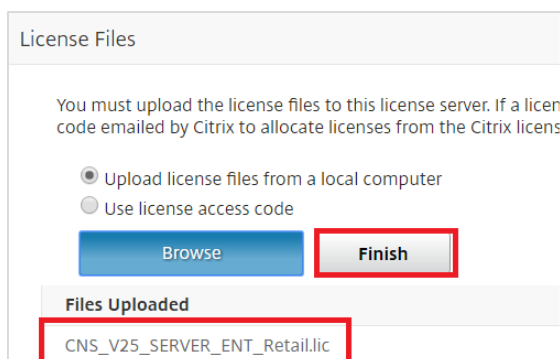
Please perform the below operations to use the check-in/check-out licenses for auto provisioning of VPX in NSX

Assumption: VPX licenses files are obtained and stored in local hard disk or VPX access codes are obtained.

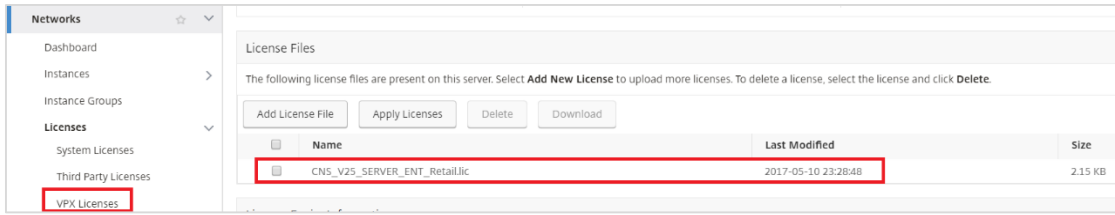
**Step1:** Login to MAS and go to Networks, licenses, select "Upload licenses file from a local computer" if you have license file or select "use license access code" if you have access codes. Below steps are shown for "upload license files from a local computer"



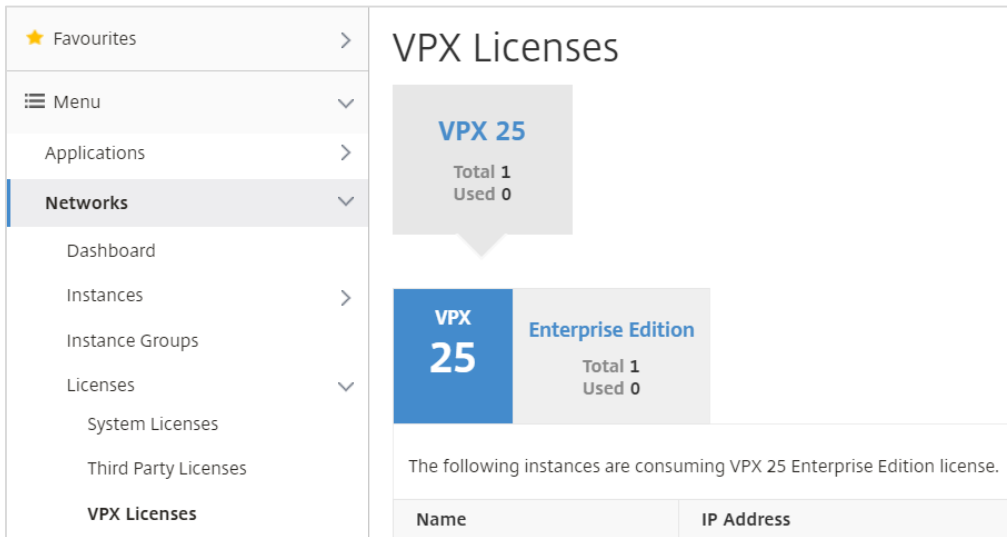
**Step2:** Click browse button and upload the license file and click finish button.



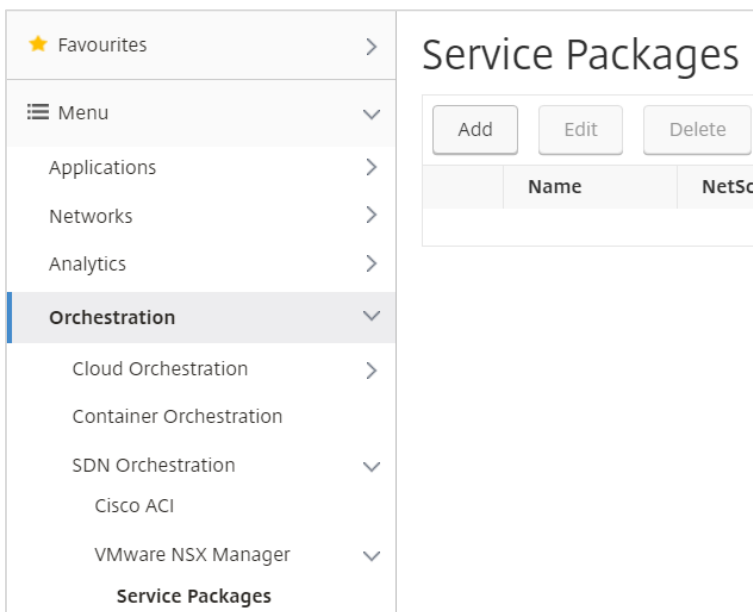
**Step 3:** Verify the entry of the license file upload and "VPX licenses" appear under licenses



Step 4: Click on the VPX licenses to see the available and used VPX licenses.



Step 5: Go to Orchestration, SDN Orchestration, VMware NSX manager, Service Packages, click add to create a service package and select the licenses from the drop down.



← Service Package

**Service Level Agreement**

Name **test**

**Auto Provision Settings**

**Resources**

Netscaler VPX Package for ESX\*

NSVPX-ESX-11.1-49.83\_nc.zip ▼

License\*

VPX25\_Enterprise, 1number ▼

VPX25\_Enterprise, 1number

When this service package is used in NSX to provision a VPX, VPX will know that the MAS is the license server and will check-out the license specified in the service package, when it gets de-provisioned it checks back the license to MAS.