

Chapter 1: REST API Request Construction

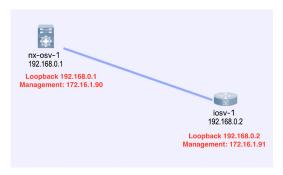
About VIRL Network Lab

One of the challenges about learning Cisco-related network development is setting up Cisco lab devices. Cisco determines the license and distribution of its software such as IOS, NX-OS, IOS-XR, and others. While there are free and open-source lab software, they are generally not licensed with Cisco software.

In this course, we use the Cisco Virtual Internet Routing Lab (VIRL) from The Cisco Learning Network Store (https://learningnetworkstore.cisco.com/cisco-virtual-internet-routing-lab/personal-edition-virl-pe-20-nodes-virl-20). The concepts introduced in the course can be learned without this lab software.

For students who have the VIRL software and wish to reconstruct the lab:

• The lab topology can be imported from the VIRL file supplied with the course



For students who do not have the VIRL software:

- The lab is a simple two-node topology with the following IP addresses:
- Routing and other information can be obtained from reading the topology as an XML text file:
 - 1. Right-click on the LinkedIn_Learning_Lab_Topology.virl file.
 - 2. Choose to open the file via any text editor such as TextEdit or Sublime Text. Below is a screen capture of the file output with Sublime Text 3.

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