Lab - Demonstrate the Growth of Data with VNI

Objective

Demonstrate the growth of data using Cisco's Visual Networking Index (VNI) web site.

Part 1: Cisco VNI Forecast Widget

Background/Scenario

In this lab, you will access the Cisco VNI Forecast Widget to view network traffic growth trends over a five-year period. You will select filters to limit or extend your search criteria.

Resources

- PC (OS X, Linux, Windows) with a connection to the Internet

Part 1: Cisco VNI Forecast Widget

Cisco has developed a forecast model to estimate future global IP traffic growth. The current Cisco VNI Forecast and Methodology 2015 – 2020 is based on Cisco analysis and independent analysts' forecasts.

Note: Flash is required to view the graph in the Cisco VNI Forecast widget.

Step 1: Access Cisco's VNI Forecast widget.

a. Navigate to Cisco's VNI Forecast widget:

http://www.cisco.com/c/dam/m/en_us/solutions/service-provider/vni-forecast-widget/forecast-widget/index.html

b. After reviewing the Projecting global IP traffic growth information, click **Use the Advanced Editor** button.

Step 2: Use the Advanced Editor to change filter settings.

The Advanced Editor allows you to filter the data by Application Type, Network Type, Segment, and Country & Region. You also have options to change the Chart Type, Date Range, and Graphic Theme.

a. To view only Mobile data, remove the **Fixed Internet** and **Managed IP** checkmarks under **Network Type**.

Network Type:
☐ Fixed Internet
☐ Managed IP
☑ Mobile

b.   Click **Uncheck All** under the Country & Region section, and then check the **Spain** checkbox.

Country & Region:

Check All Uncheck All

North America
☐ United States
☐ Canada
Middle East and Africa
☐ Saudi Arabia
☐ South Africa
☐ Rest of MEA
Latin America
☐ Argentina
☐ Brazil
☐ Chile
☐ Mexico
☐ Rest of LATAM
Central & Eastern Europe
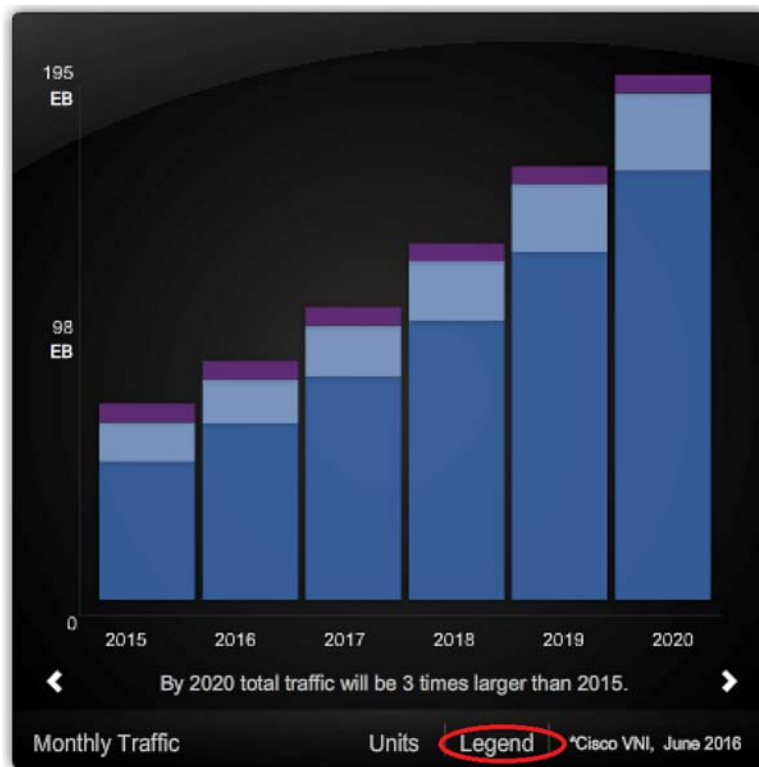☐ Russia
☐ Poland
☐ Rest of CEE
Western Europe
☐ France
☐ Germany
☐ Italy
☑ Spain
☐ Sweden
☐ United Kingdom
☐ Rest of WE
Asia Pacific
☐ Australia
☐ China
☐ India
☐ Indonesia
☐ Japan
☐ Korea
☐ New Zealand
☐ Rest of APAC

c. The bar chart on the right displays the growth of mobile (smartphones and tablets) data over the five-year span from 2015 to 2020. Click the **Legend** button to view the color coding legend of the bars. Click the **Legend** button again to hide the legend.

Define and sequence the following terms: Petabyte, Terabyte, and Exabyte.

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How does Spain's IP mobile traffic growth differ from your country's growth?

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Note: If you are interested in testing the speed between your device and your ISP, go to http://www.speedtest.net.