Special Subject 2 Nested Virtualization

DILSHAD KHALAF, NIKOLAY PETROV AND MILAN VINCE
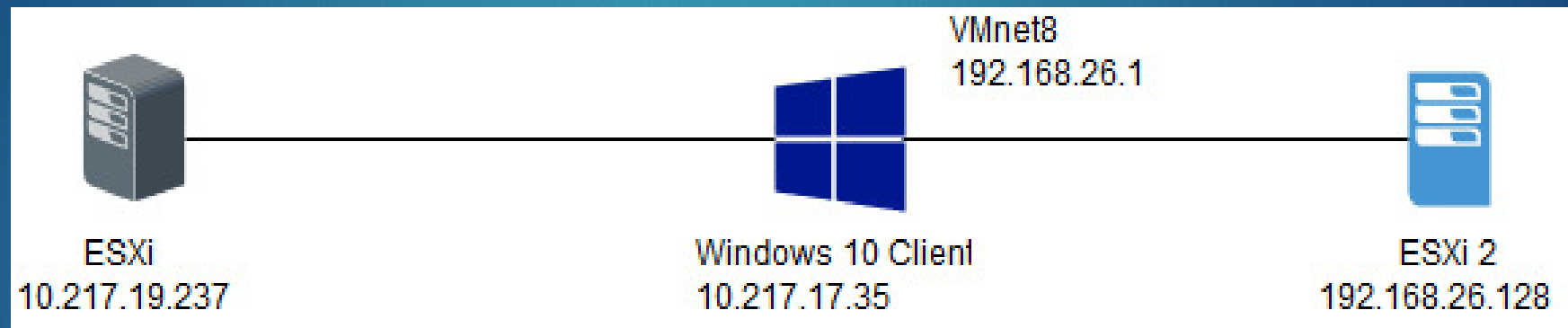
What we have done?

▶ Configure ESXi on a Windows client VM that is running on the blade. (It's called ESXi 2)

▶ Implementation from CBT Nuggets

Advantages

- There are enough memory on the blades. (To run vCenter we need 10 GB of RAM)

- Quicker because the blades have big capacity

Network Overview

VMnet8
192.168.26.1

ESXi
10.217.19.237

Windows 10 Client
10.217.17.35

ESXi 2
192.168.26.128

Usage

1. Start the ESXi, use your web browser or VMWare to connect to you virtual server's IP address.

2. Connect to the virtual ESXi server.

3. Create a VM as you wish.

4. Enable native virtualization support (Intel VT or AMD-V).

5. Power up the VM.

Live Demo!