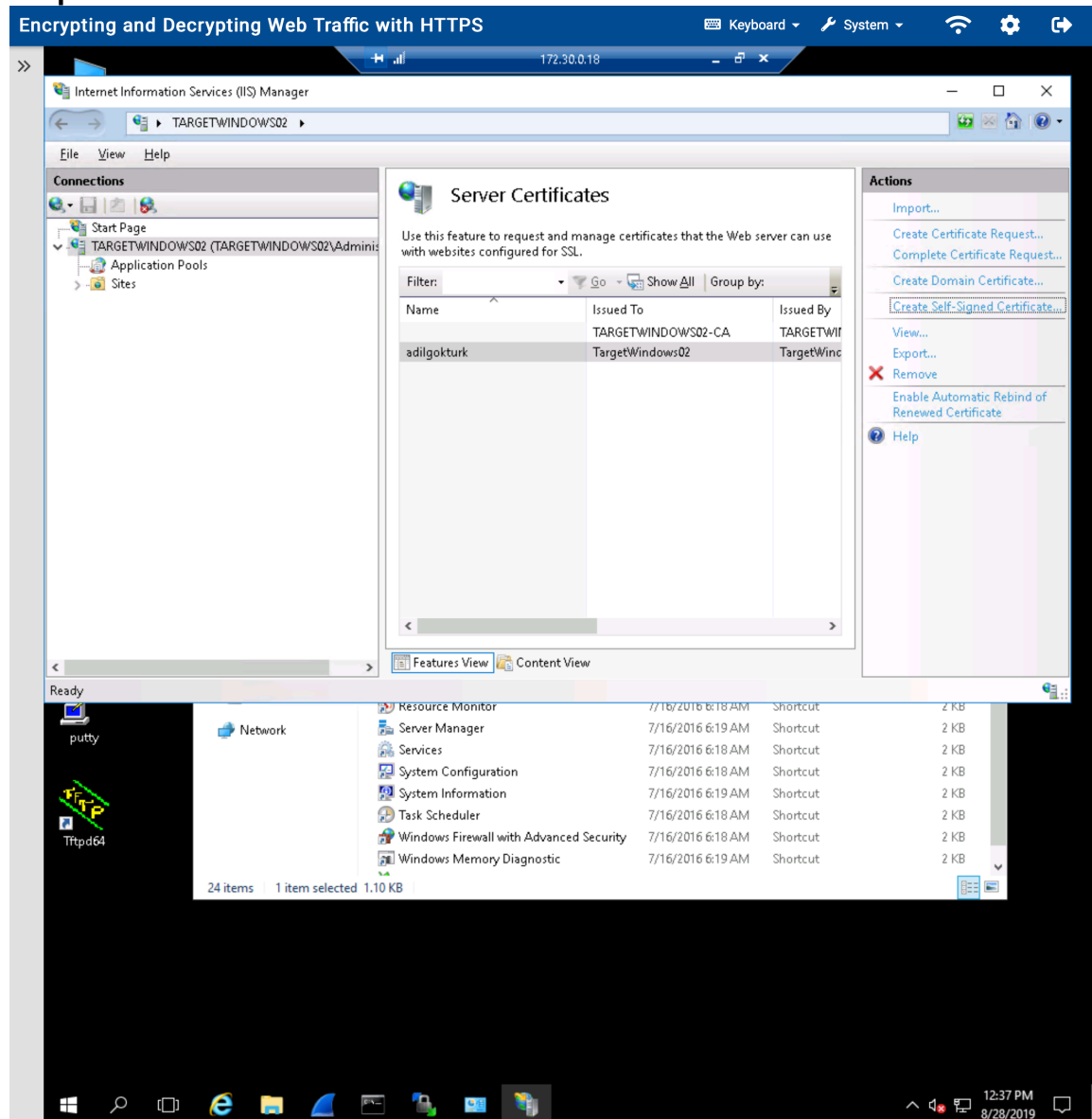
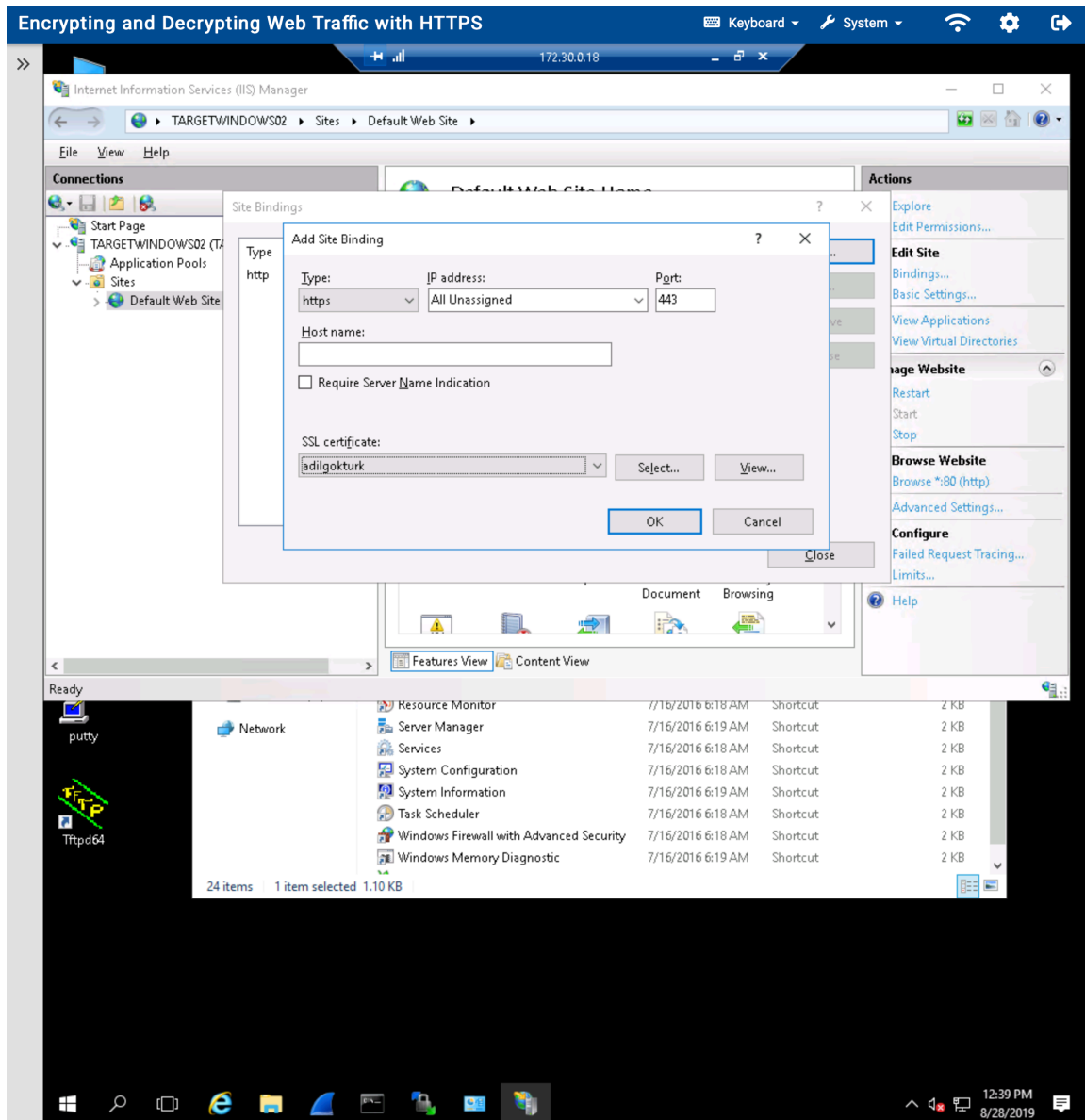
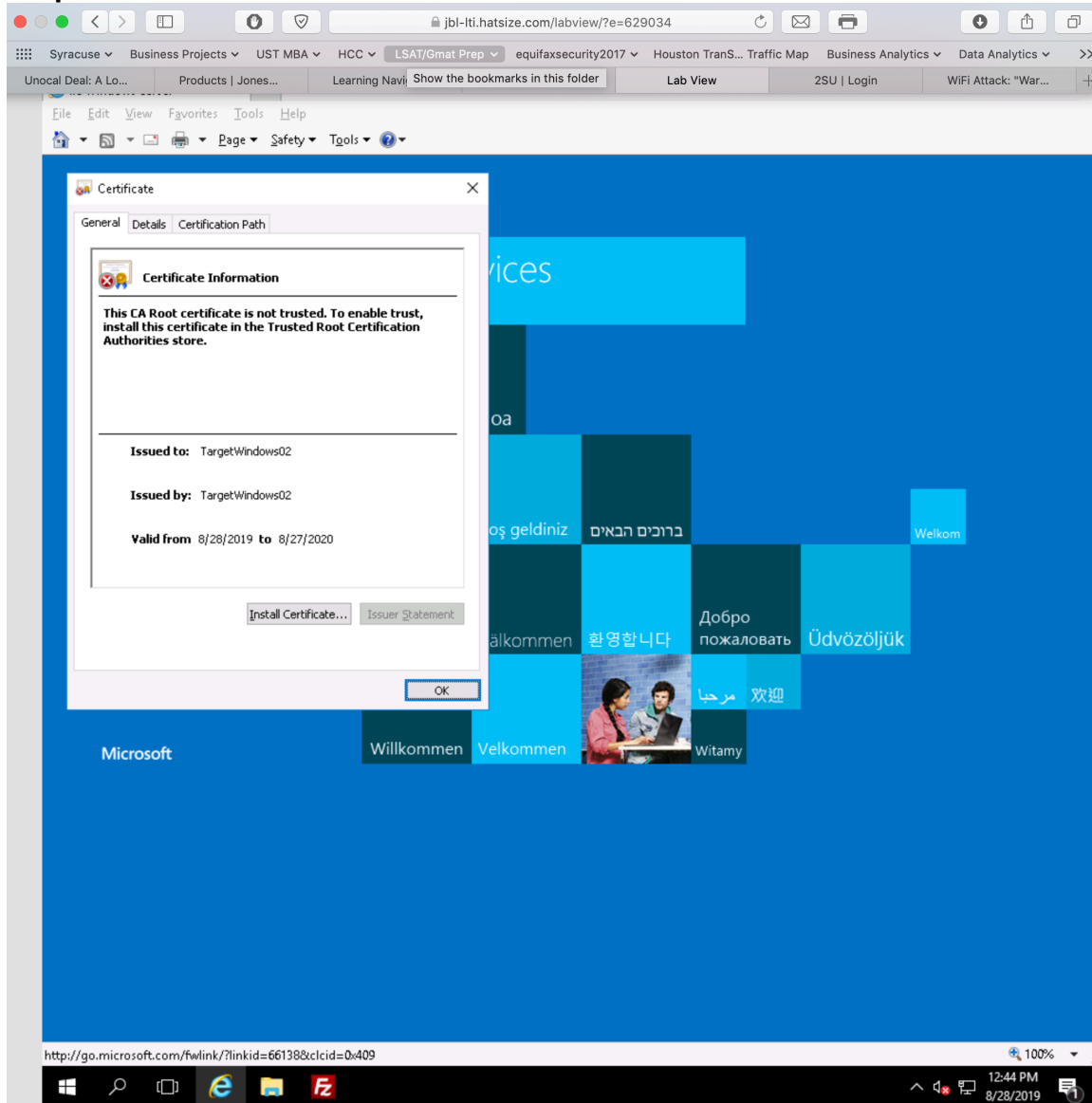


**Bonus Lab: Encrypting and Decrypting Web Traffic with HTTPS\*****Part 1: Create an SSL Certificate****Step #10**

## Part 1: Create an SSL Certificate Step #17

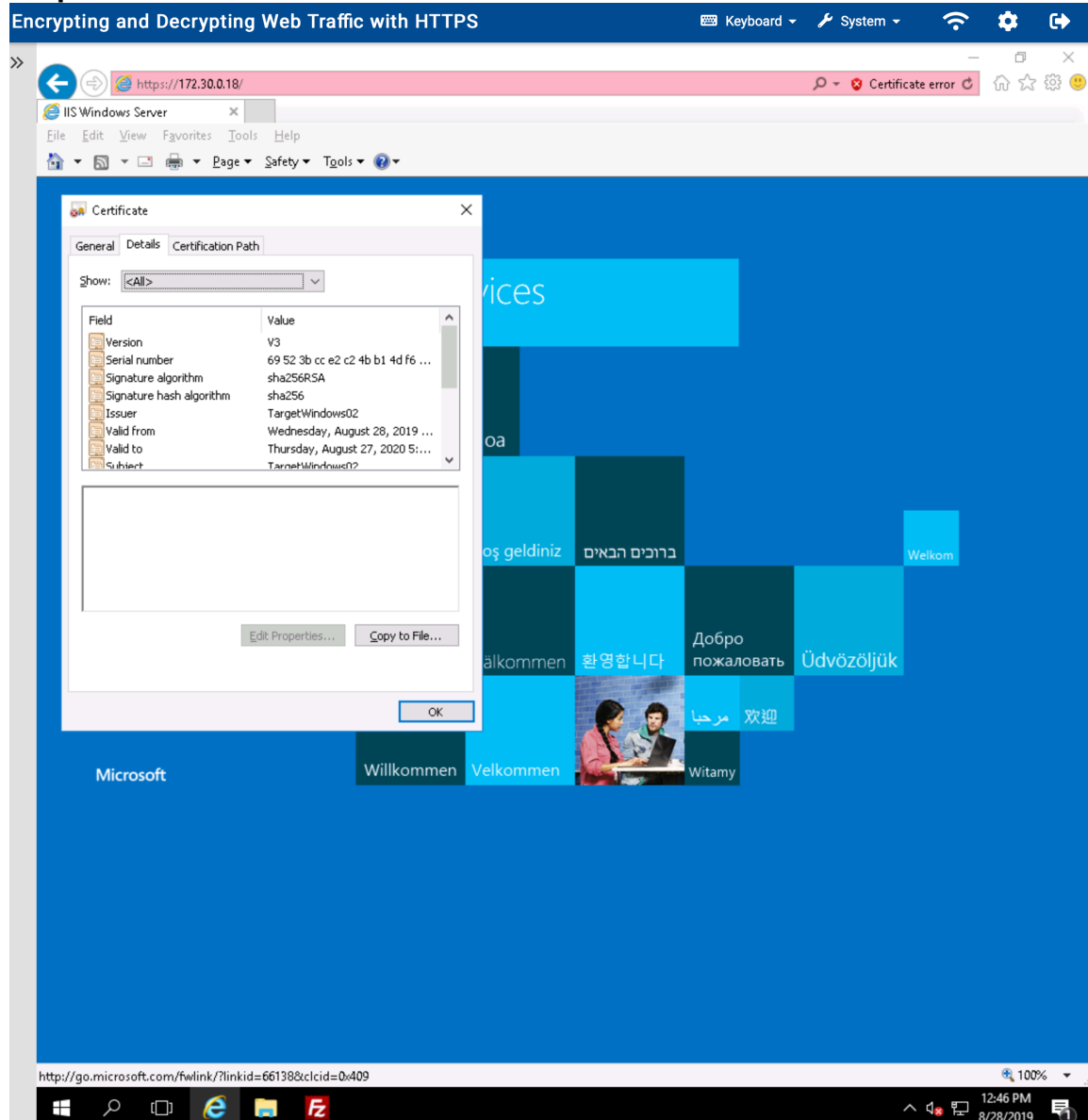


## Part 2: View SSL Certificate Step #8



## Part 2: View SSL Certificate

### Step #10



## Part 3: Challenge Question

Discuss at least three security vulnerabilities/limitations in the current SSL protocol

(Discuss them in 70 words each.)

1. To see security vulnerabilities, first let's check the Certificate Information:
  - It says, "This CA root certificate is not trusted. To enable to trust, we need to install this certificate in the Trusted Root Certification Authorities Store." So we need to provide/buy a certificate from the Trusted Root Certification Authorities Store and then we need to install it.

2. Windows server operating System could be earlier version such as Windows NT, 2003 or 2008. Early versions, such as Windows Server NT, had poor security. Later versions of Windows Server, such as Windows Server 2008, are much more secure. They intelligently minimize the number of running applications and utilities by asking the installer questions about how the server will be used. They also make the installation of vulnerability patches very simple and usually automatic. They include server software firewalls, the ability to encrypt data, and many other security enhancements.
3. Windows server user interface: All recent versions of Windows Server have user interfaces that look like the interfaces in client versions of Windows. This makes learning Windows Server relatively easy. It would be helpful to try to download current internet option.

