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Welcome to Certified Ethical Hacker Class!

Student Introduction

CEH.VN

Unmask the Invisible Hacker.

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Introduction

- Name
- Company Affiliation
- Title / Function
- Job Responsibility
- System security related experience
- Expectations

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Course Materials

Identity Card

Student Courseware

Lab Manual/ Workbook

Course Evaluation

Reference Materials

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CEHv9 Course Outline

C|EH Certified Ethical Hacker

01	Introduction to Ethical Hacking	07	Sniffing	13	SQL Injection
02	Footprinting and Reconnaissance	08	Social Engineering	14	Hacking Wireless Networks
03	Scanning Networks	09	Denial-of-Service	15	Hacking Mobile Platforms
04	Enumeration	10	Session Hijacking	16	Evading IDS, Firewalls, and Honeypots
05	System Hacking	11	Hacking Webservers	17	Cloud Computing
06	Malware Threats	12	Hacking Web Applications	18	Cryptography

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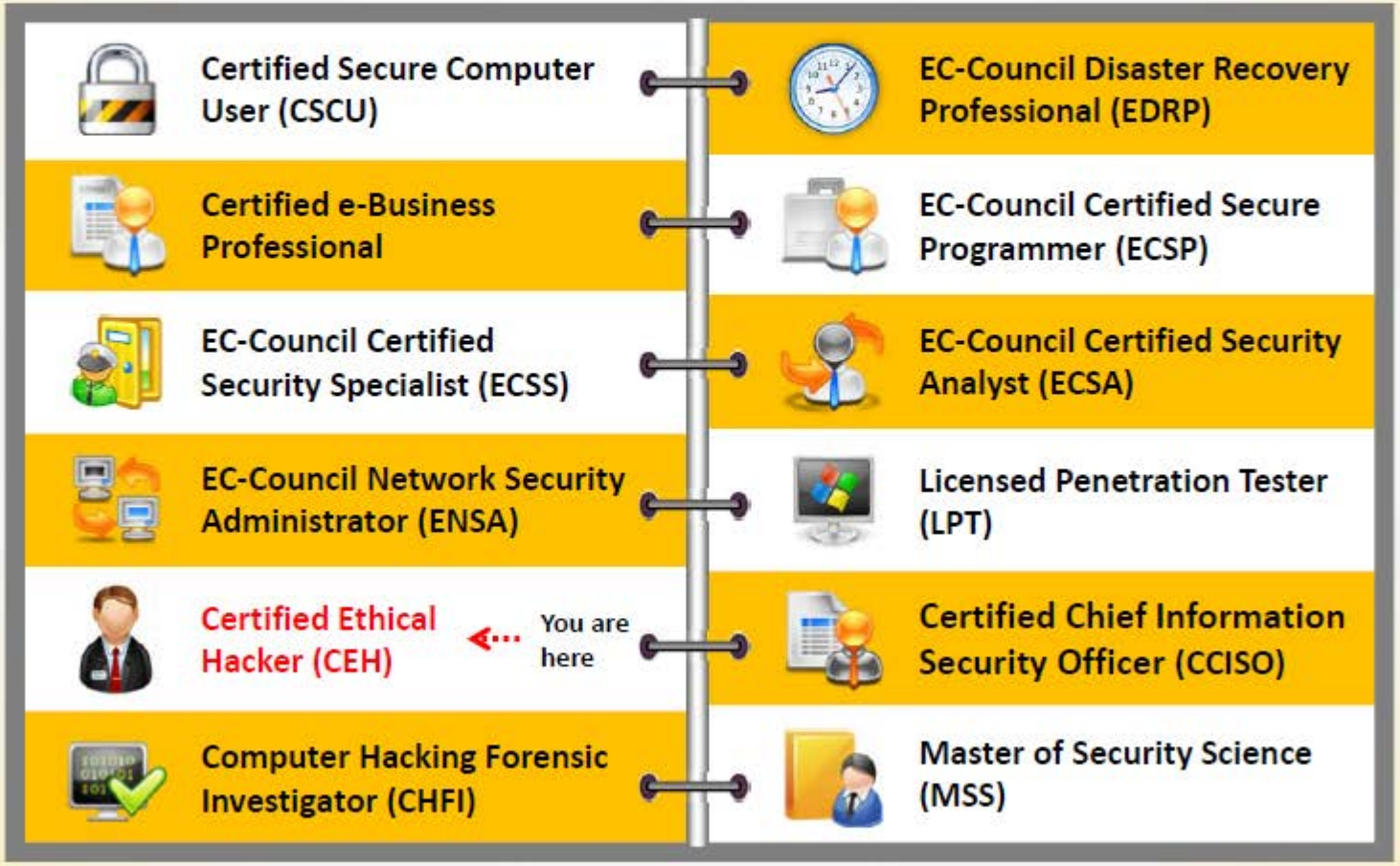
EC-Council Certification Program

There are several levels of certification tracks under the EC-Council Accreditation body:



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Certified Ethical Hacker Track

CEH Certification Track

Complete the following steps:

Attend the Ethical Hacking and Countermeasures Course

Pass the CEH Exam 312-50 (ECC Exam Portal) / 312-50 (VUE)

C|EH Certified Ethical Hacker

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CEHv9 Exam Information

- Exam Title: Certified Ethical Hacker
- Exam Code: 312-50 (ECC Exam Portal) / 312-50 (VUE)
- Number of Questions: 125
- Duration: 4 hours
- Availability: ECC Exam Portal / VUE
- Passing Score: 70%
- The training center / instructor will advise you about the exam schedule and voucher details
- This is a difficult exam and requires extensive knowledge of CEH Core Modules

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Student Facilities

C|EH Certified Ethical Hacker

Class Hours		Building Hours		Phones	
	Parking		Messages		Restrooms
Smoking		Meals		Recycling	

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Lab Sessions

- Lab Sessions are designed to **reinforce** the classroom sessions
- The sessions are intended to give a **hands on experience** only and does not guarantee proficiency
- There are tons of labs in the lab manual. Please practice these labs back at home.

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What Does CEH Teach You?

Network Security

Defense, Cisco Security, Firewalls, IDS, Logs, Network, Antivirus, Hardware, Troubleshooting, Availability, Server/Client Security, creating policies, network Management etc.....

Denial of Service, Trojans, Worms, Virus, Social Engineering, Password cracking, Session Hijacking, System failure, Spam, Phishing, Identity theft, Wardriving, warchalking, bluejacking Lock picking, Buffer Overflow, System hacking, Sniffing, SQL Injection.....

Ethical Hacking

This is What CEH Teaches You!

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What CEH is NOT?

CEH Certified Ethical Hacker

- CEH class is NOT a **Network Security** training program
  - Please attend EC-Council's **ENSA** class for that
- CEH class is NOT a **Security Analysis** training program
  - Please attend EC-Council's **ECSA** class for that
- CEH class is NOT a **Security Testing** training program
  - Please attend EC-Council's **LPT** Exam for that
- **CEH class is 100% NETWORK OFFENSIVE Training Program**

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Remember This!

The CEH Program Teaches you 100% Network Offensive Training and not Defensive

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CEH Class Speed

The CEH class is **extremely fast paced**

The class "**speed**" can be compared to the climax scene from the movie Mission Impossible (Bullet train sequence)

There are tons of hacking **tools** and hacking **technologies** covered in the curriculum

The instructor **WILL NOT** be able to demonstrate **ALL** the tools in this class

He will showcase only **selected tools**

The students are required to **practice with the tools** not demonstrated in the class on their own

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Live Hacking Website

- Please target your exercises for "Live Hacking" to www.certifiedhacker.com
- This website is meant for the students to try the tools on live target
- Please refrain from using the exploits on any other domains on the Internet

CEH Classroom Attack Lab Website

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NDA Document

Please read the contents of the provided EC-Council's CEH NDA document

Sign this document and hand it over to the instructor

We will NOT start the class unless you sign this document

Please approach the instructor if you are not presented with this document

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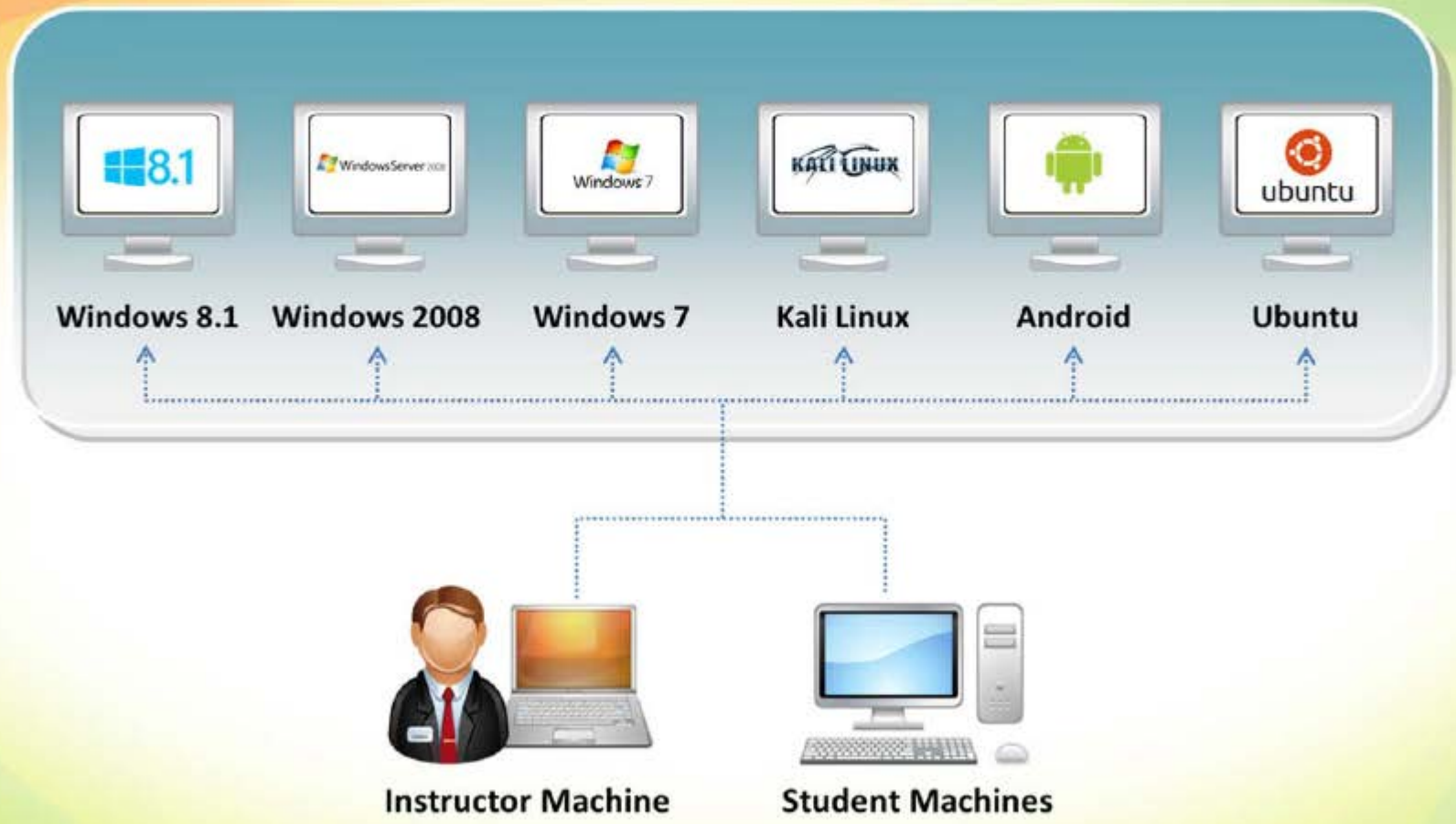
Advanced Lab Environment



Instructor and Student Machine Operating System: Windows Server 2012 (Fully Patched)

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Student Computer Checklist

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Check if your machine has the following OSes installed (Fully Patched)

- Windows Server 2012 as host
- Windows Server 2008 as VM
- Windows 8.1 as VM
- Windows 7 as VM
- Kali Linux as VM
- Android as VM
- Ubuntu as VM

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Student Computer Checklist

C|EH Certified Ethical Hacker

1. Write down IP addresses of the host and all the Virtual Machines
2. Check if you can ping between the VM and the hosts
3. Make sure that you can access D:\CEH-Tools directory in Windows Server 2012 and Z:\CEH-Tools from all the VM's; Z: is mapped Network Drive containing CEH tools
4. Check if you can launch command shell by right clicking on a folder
5. Check if you can access Internet and browse the web using IE, Chrome, Safari and Firefox
6. Check for Checkpoints of Virtual Machines
7. Check if you can access http://www.certifiedhacker.com
8. Make sure you can access Moviescope and GoodShopping websites at http://www.moviescope.com and http://www.goodshopping.com

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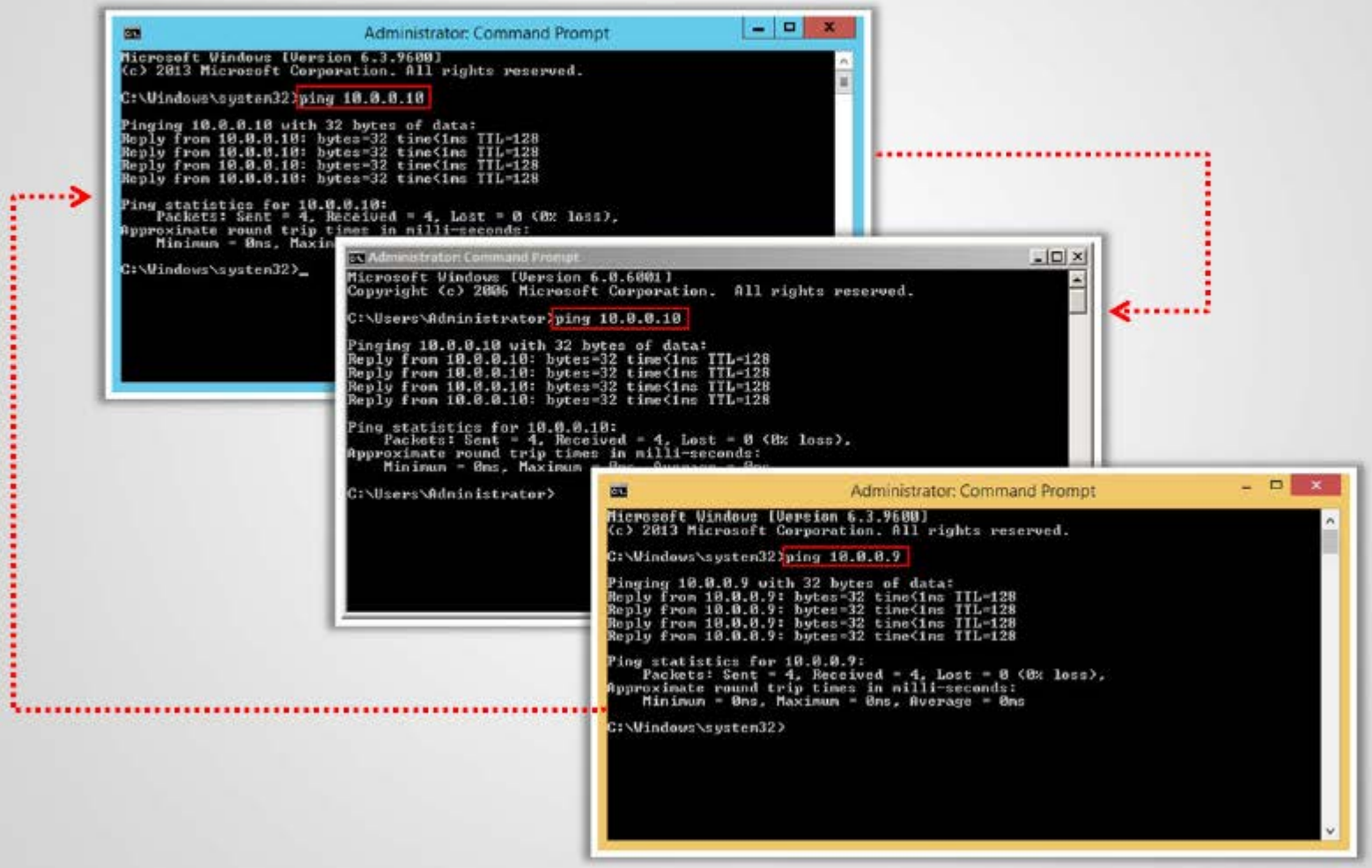
Ping Between Virtual Machines and Host



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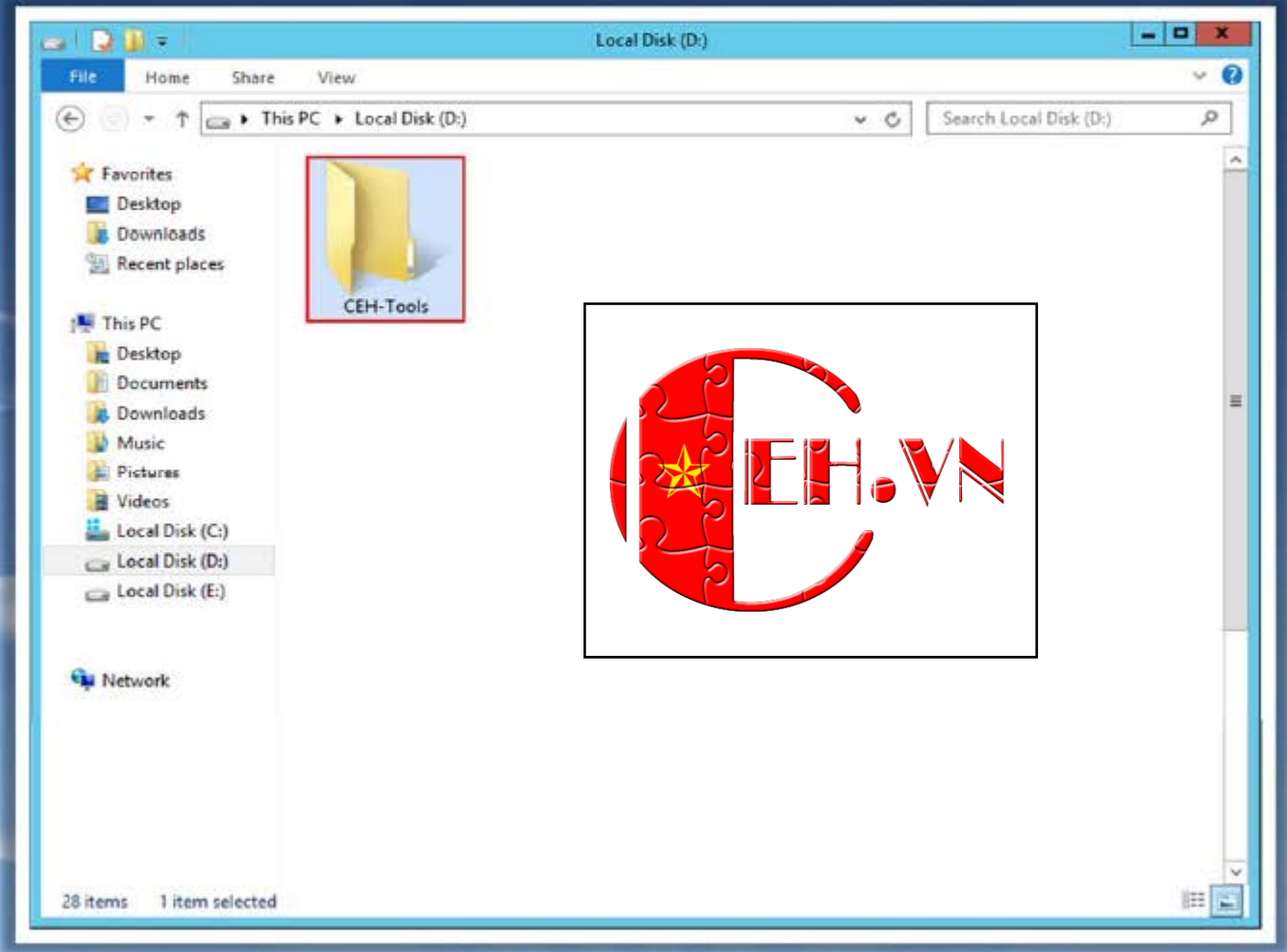
CEH-Tools Directory in Windows Server 2012 (D:\CEH-Tools)



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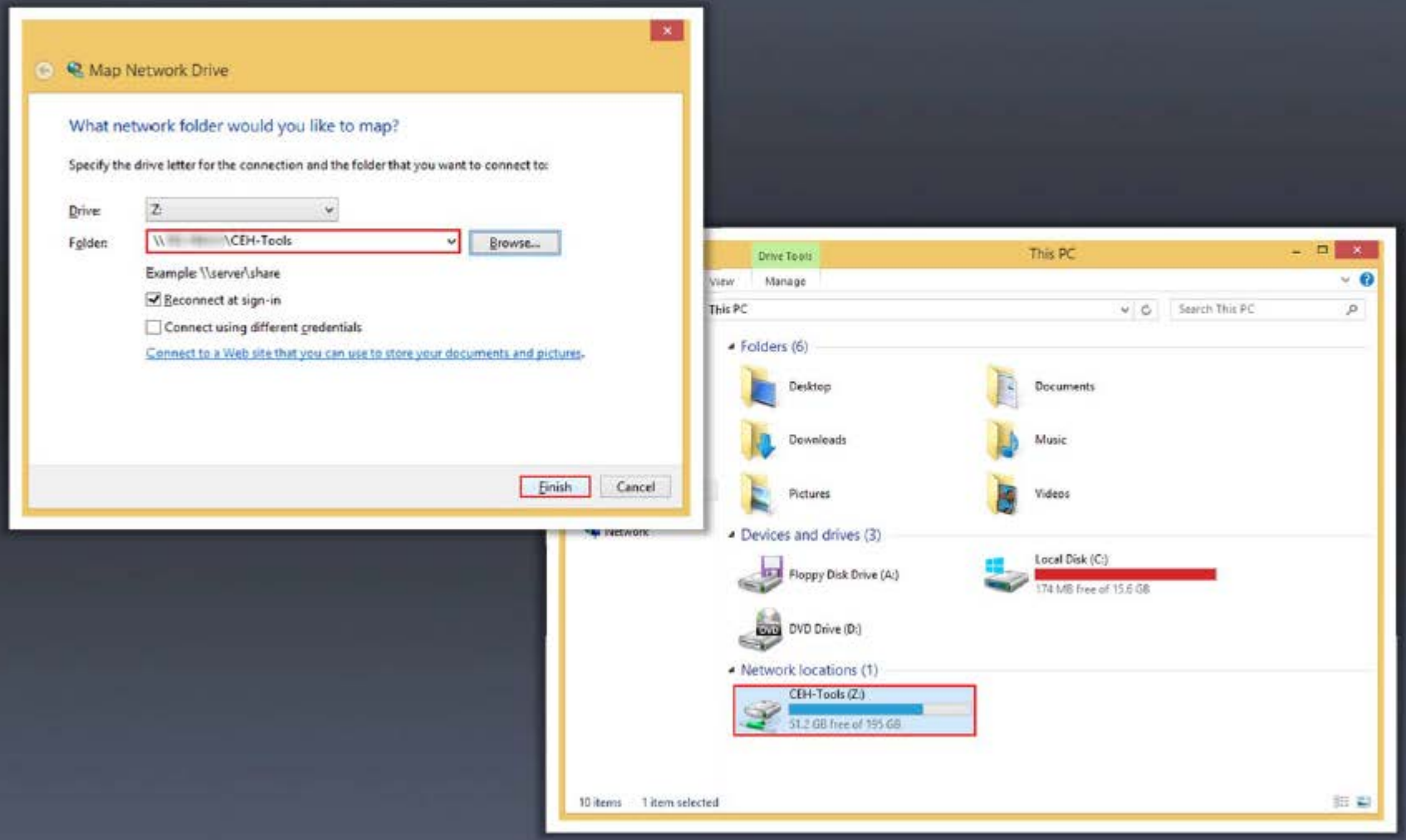
Mapped Network Drive (Z:) in Windows 8.1 VM



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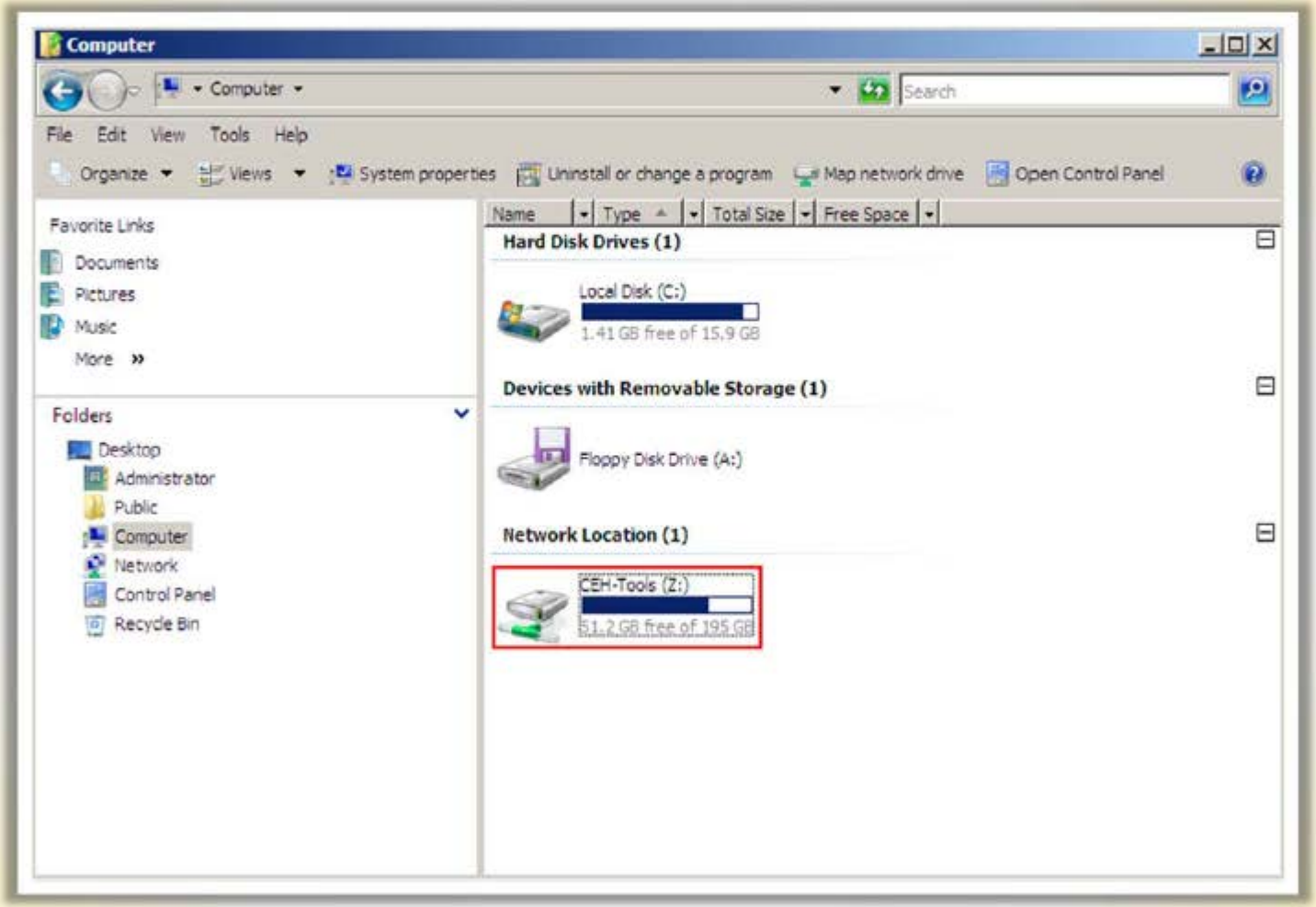
Mapped Network Drive (Z:) in Windows Server 2008 VM



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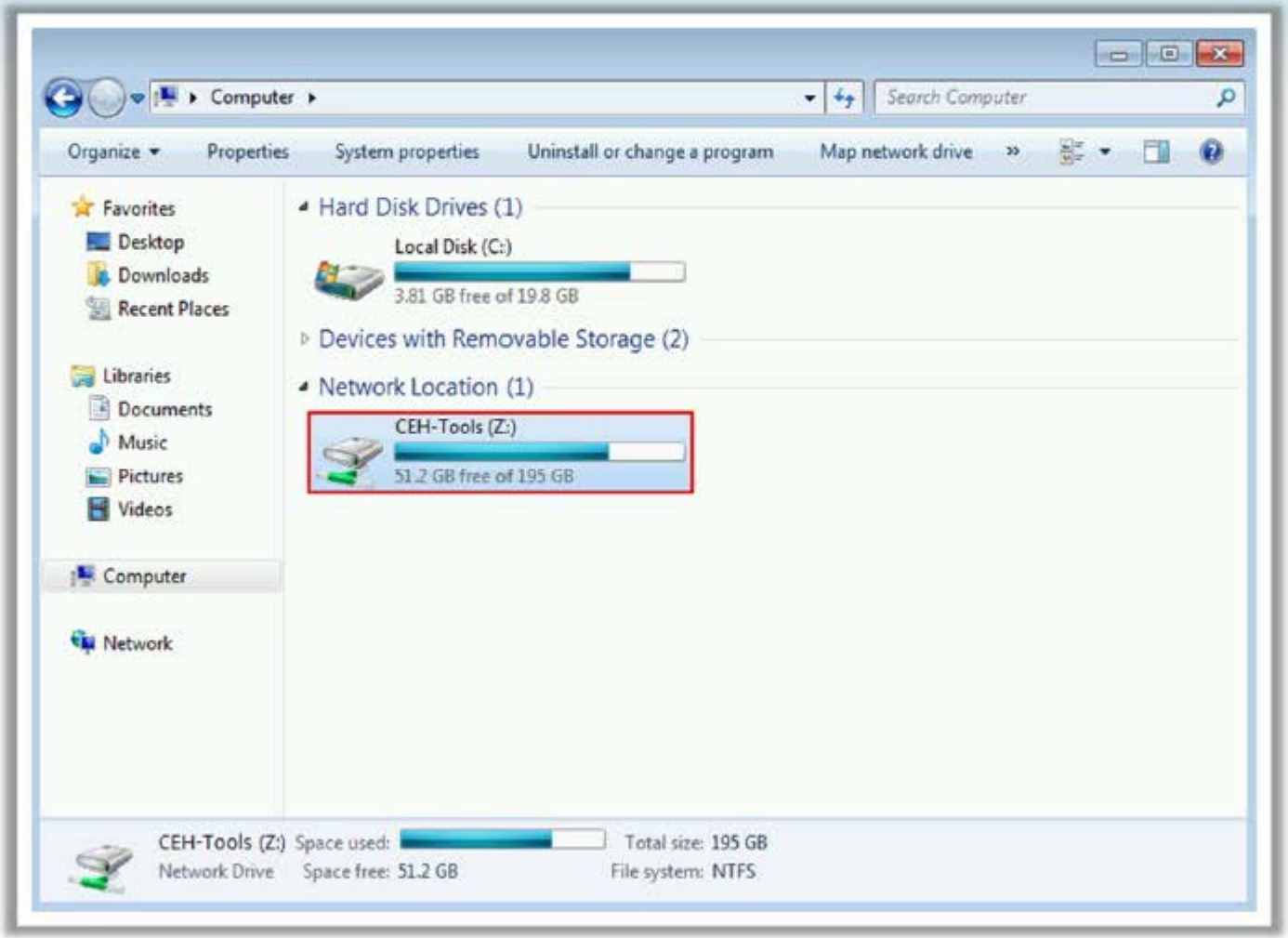
Mapped Network Drive (Z:) in Windows 7 VM



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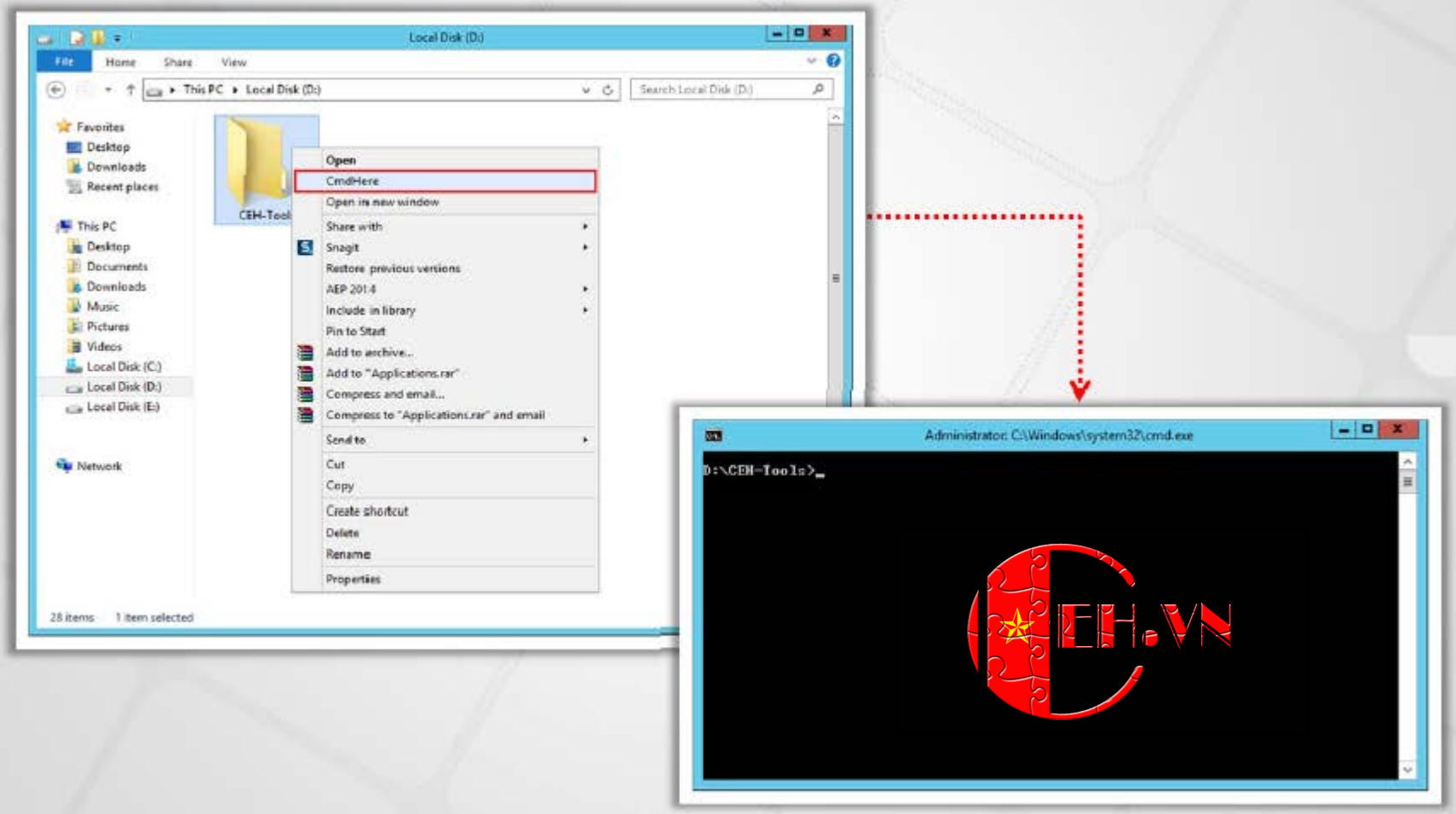
Launching Command Shell



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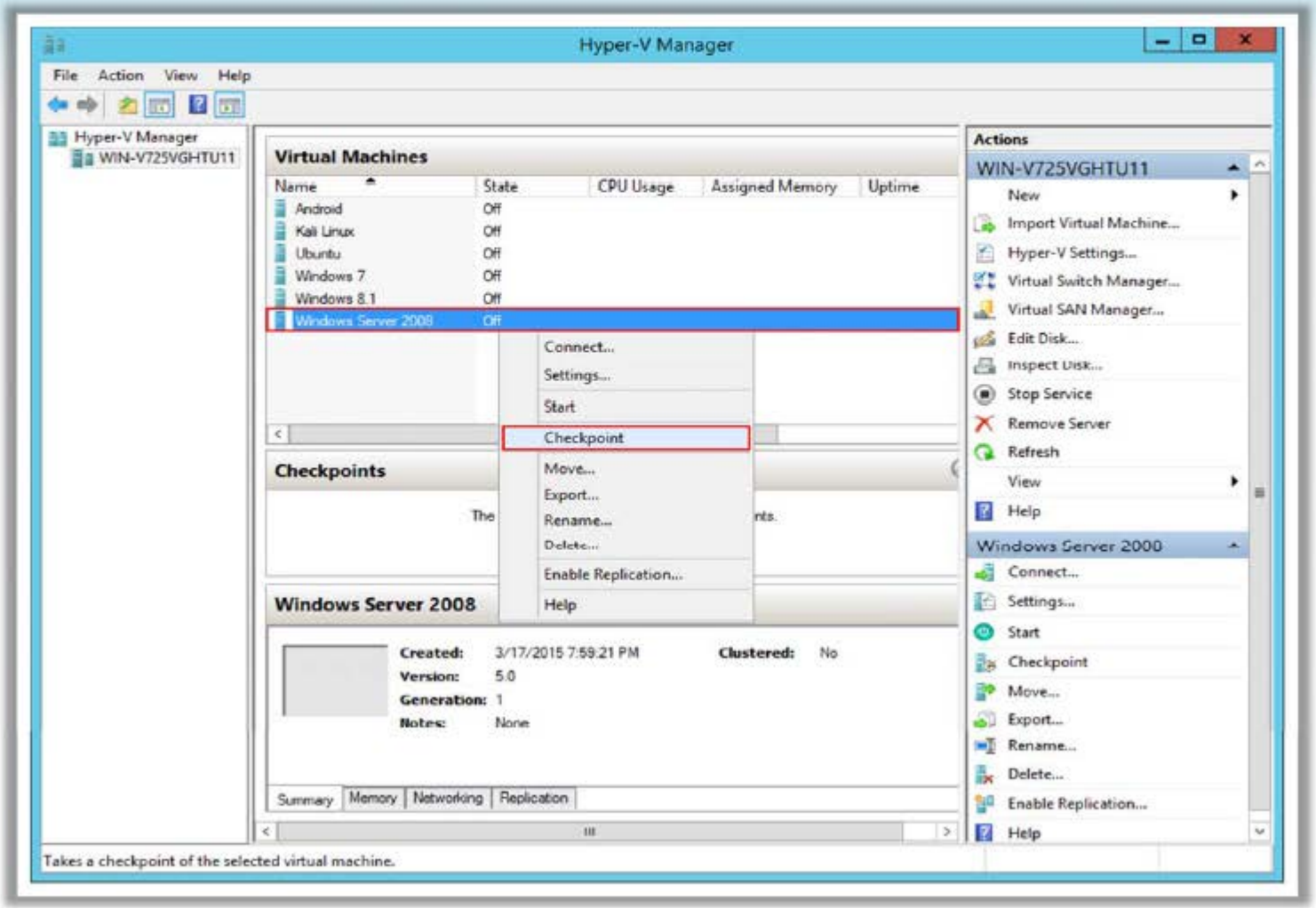
Checkpoints of Virtual Machines



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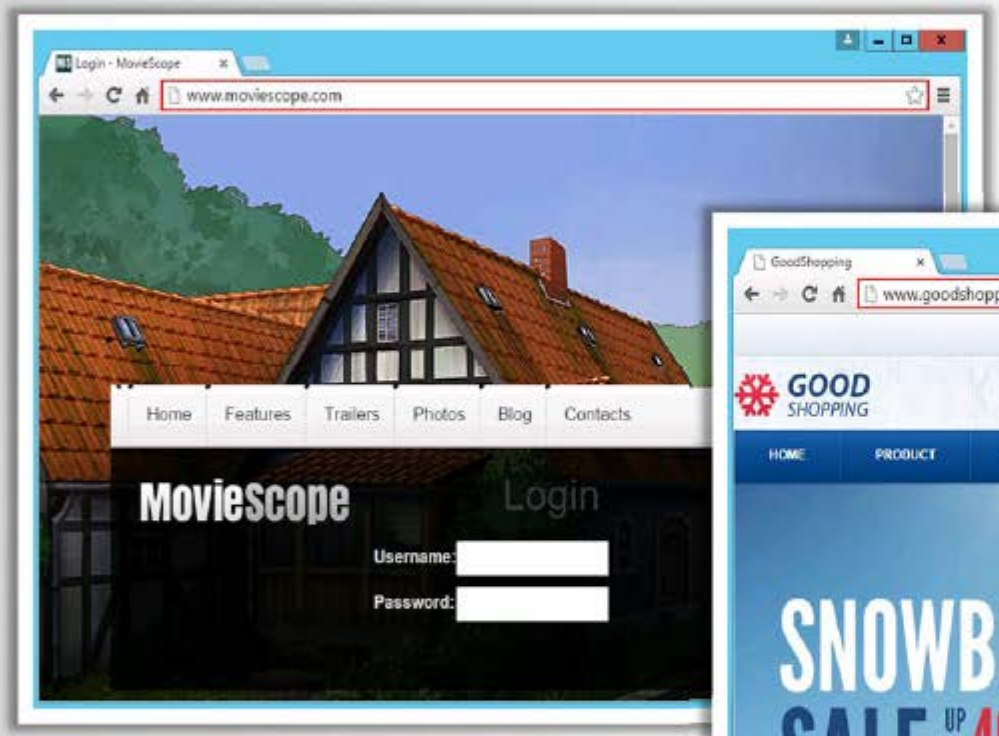
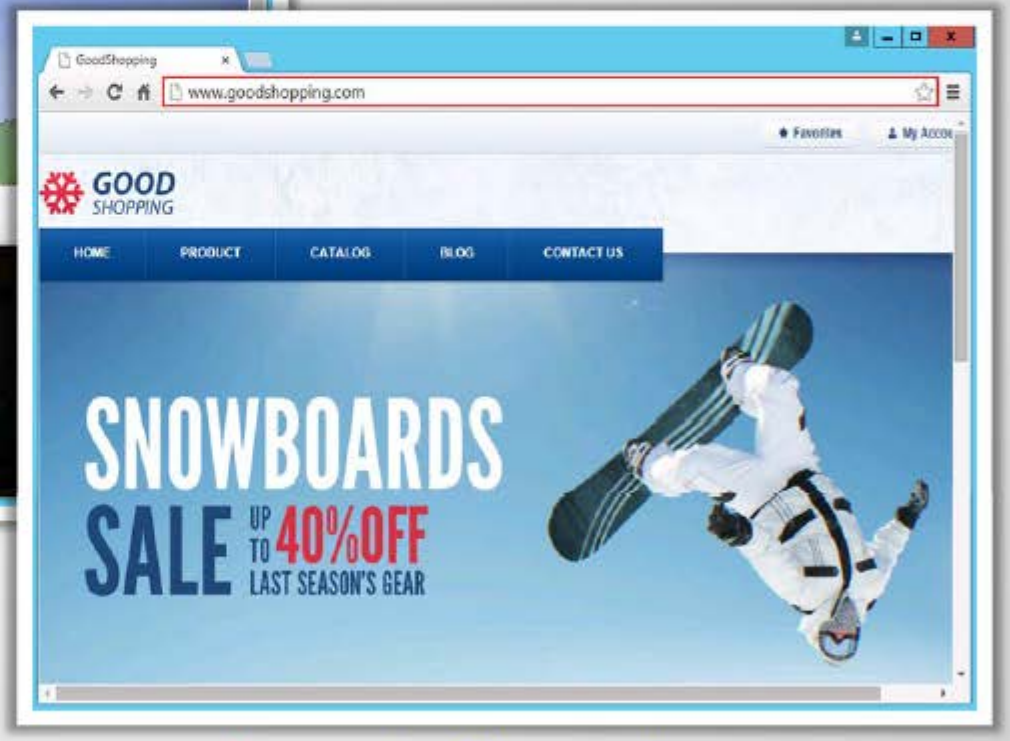
Moviescope and GoodShopping Websites



Moviescope: http://www.moviescope.com



GoodShopping: http://www.goodshopping.com

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Live Hack Website

http://www.certifiedhacker.com

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C|EH
Certified Ethical Hacker

Let's Start Hacking!

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