



Адміністрування комп'ютерних систем

Модуль 1. Адміністрування ОС Windows Server

Лекція 2. Початкові налаштування Windows Server 16

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Find a setting

Network & Internet

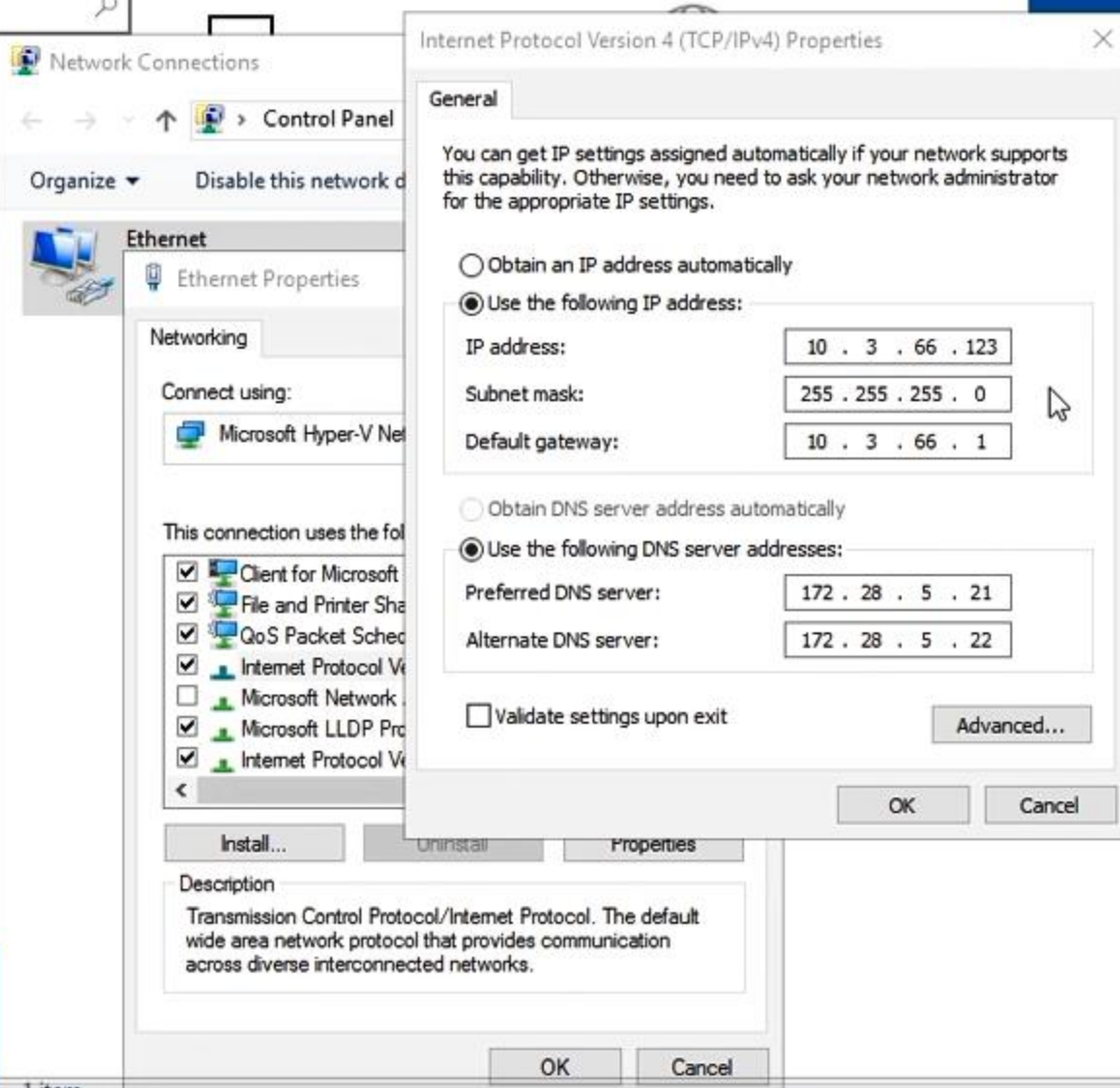
Status

Ethernet

Dial-up

VPN

Proxy



- Переглянути наявні інтерфейси

```
netsh interface ipv4 show interfaces
```

- Налаштування IP адреси

```
netsh interface ip set address name="Ethernet0"  
static 192.168.0.1 255.255.255.0
```

- Налаштування DNS-сервера

```
netsh interface ip set dns "Ethernet0" static  
192.168.0.1
```

- Встановити ім'я сервера

```
Rename-Computer –NewName MyServer -Force
```

- Перевірити конфігурацію мережі

```
ipconfig, ipconfig /all
```

```
C:\Users\Administrator>netsh interface ipv4 show interfaces
```

Idx	Met	MTU	State	Name
1	75	4294967295	connected	Loopback Pseudo-Interface 1
3	15	1500	connected	Ethernet

```
C:\Users\Administrator>netsh interface ipv4 set address name="3" source=static address=10.3.66.124 mask=255.255.255.0 gateway=10.3.66.1
```

```
C:\Users\Administrator>netsh interface ipv4 add dnsserver name="3" address=10.3.66.120 index=1
```

The configured DNS server is incorrect or does not exist.

```
C:\Users\Administrator>ping 2016dc1.landonhotels.com
```

Pinging 2016dc1.landonhotels.com [10.3.66.120] with 32 bytes of data:

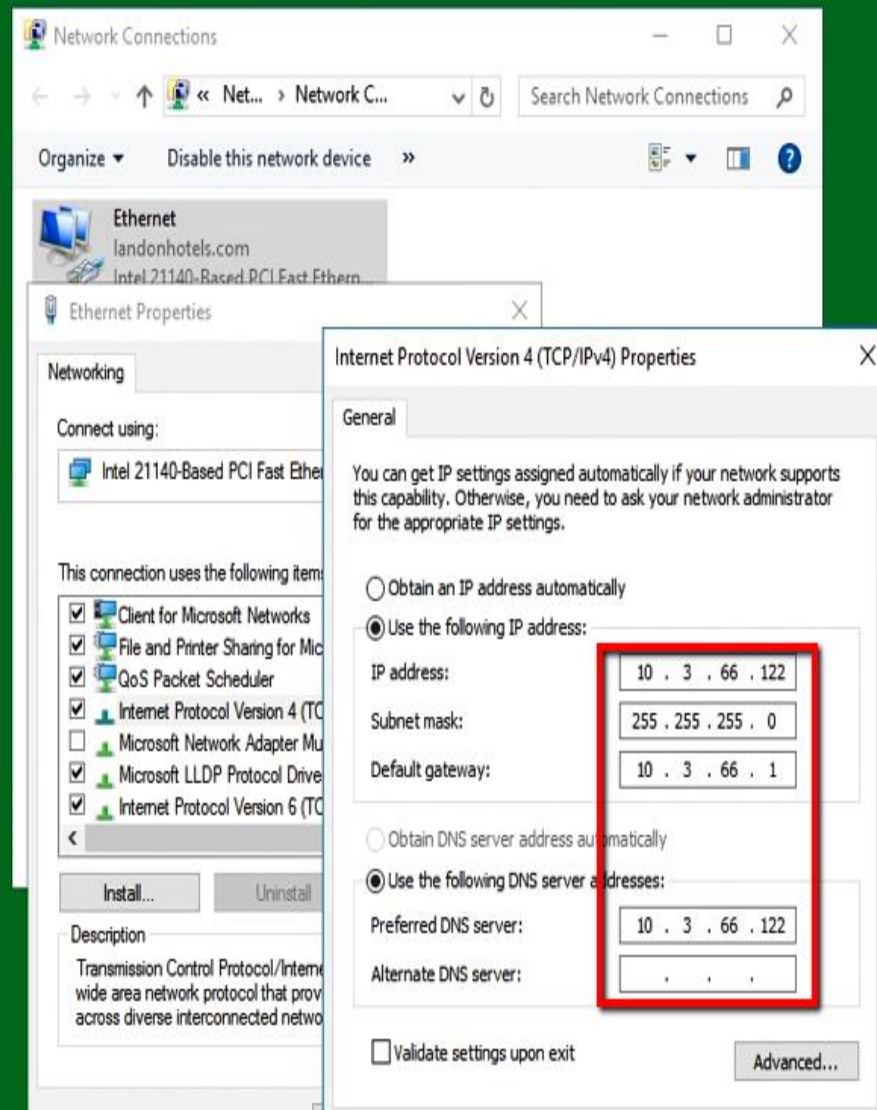
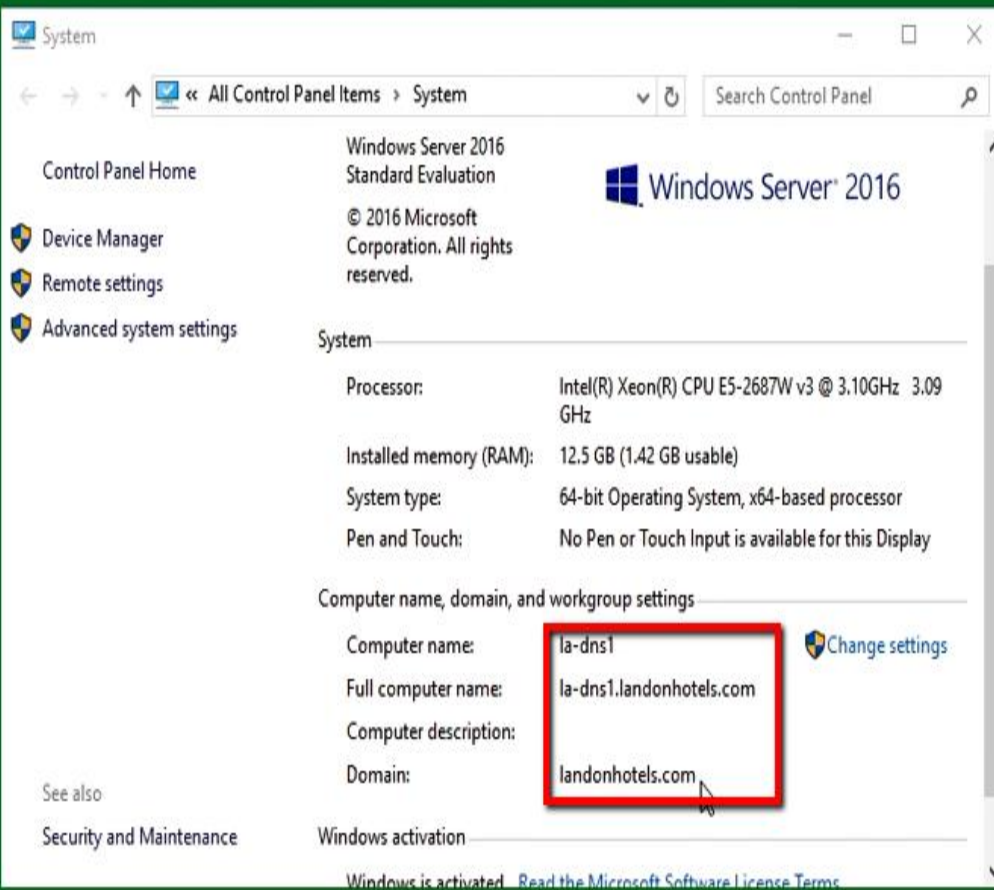
Reply from 10.3.66.120: bytes=32 time<1ms TTL=128

Reply from 10.3.66.120: bytes=32 time<1ms TTL=128

Reply from 10.3.66.120: bytes=32 time<1ms TTL=128

Role	Resource Use	Security Threat	Security Needs	Needed Uptime
Active Directory Services	Med	Low	High	High
File & Print	Med	Med	Med	Med
DNS	Low	Med	Med	High
Database Server	High (occasional)	Low	High	High
Web Server	Low	High	Med	Med
Hyper-V	High (constant)	Low	High	High

Перед встановленням ролі



☐ File Share ☒ DNS / DHCP ☐ IIS ☐ Domain Controller ☐ _____ ☐ _____	☒ Standard ☐ DataCenter ☐ Nano ☐ _____	8 GB	64 GB	☒ N	Y ☒	all GB	10.3.66.122 255.255.255.0 10.3.66.1 10.3.66.122 (self)	la-dns1
---	--	------	-------	---------------------------------------	---------------------------------------	--------	--	---------

Add Roles and Features Wizard

Select installation type

DESTINATION SERVER
la-dns1.landonhotels.com

Before You Begin
Installation Type
Server Selection
Server Roles
Features
Confirmation
Results

Select the installation type. You can install roles and features on a running physical computer or virtual machine, or on an offline virtual hard disk (VHD).

- ☒ **Role-based or feature-based installation**
Configure a single server by adding roles, role services, and features.
- ☐ **Remote Desktop Services installation**
Install required role services for Virtual Desktop Infrastructure (VDI) to create a virtual machine-based or session-based desktop deployment.

< Previous **Next >** Install Cancel

Add Roles and Features Wizard



Select destination server

DESTINATION SERVER
la-dns1.landonhotels.com

Before You Begin

Installation Type

Server Selection

Server Roles

Features

Confirmation

Results

Select a server or a virtual hard disk on which to install roles and features.

☒ Select a server from the server pool

☐ Select a virtual hard disk

Server Pool

Filter:

Name	IP Address	Operating System
la-dns1.landonhotels.com	10.3.66.122	Microsoft Windows Server 2016 Standard Evaluation



1 Computer(s) found

This page shows servers that are running Windows Server 2012 or a newer release of Windows Server, and that have been added by using the Add Servers command in Server Manager. Offline servers and newly-added servers from which data collection is still incomplete are not shown.

< Previous

Next >

Install

Cancel

Confirm installation selections

DESTINATION SERVER
la-dns1.landonhotels.com

Before You Begin

Installation Type

Server Selection

Server Roles

Features

DNS Server

Confirmation

Results

To install the following roles, role services, or features on selected server, click Install.

☐ Restart the destination server automatically if required

Optional features (such as administration tools) might be displayed on this page because they have been selected automatically. If you do not want to install these optional features, click Previous to clear their check boxes.

DNS Server

Remote Server Administration Tools

Role Administration Tools

DNS Server Tools

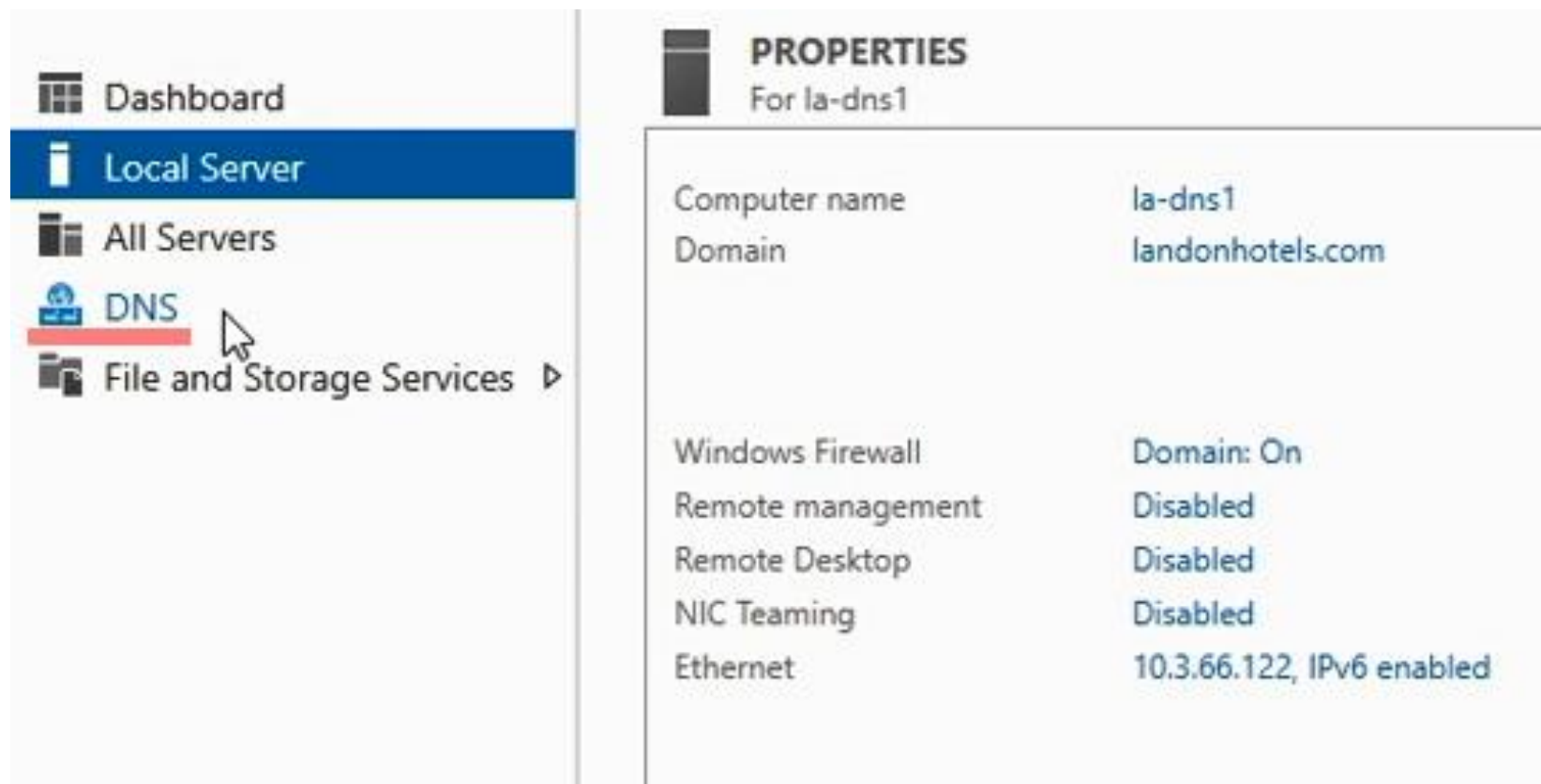
Export configuration settings
Specify an alternate source path

< Previous

Next >

Install

Cancel



The screenshot displays the Windows Server Management console. On the left, a navigation pane shows the hierarchy: Dashboard, Local Server (selected), All Servers, DNS (highlighted with a red bar and a mouse cursor), and File and Storage Services. The main area on the right is titled 'PROPERTIES For la-dns1' and lists various system settings.

Property	Value
Computer name	la-dns1
Domain	landonhotels.com
Windows Firewall	Domain: On
Remote management	Disabled
Remote Desktop	Disabled
NIC Teaming	Disabled
Ethernet	10.3.66.122, IPv6 enabled

Поняття ролі сервера

The screenshot displays a Windows Server 2012 R2 environment. On the left, the Server Manager console shows the 'DNS' role installed on the server 'LA-DNS1'. The main area shows the 'DNS Manager' console tree with 'LA-DNS1' selected. The right pane shows the 'Properties' for the 'LA-DNS1' server, including the 'Computer name' 'la-dns1' and the 'Last installed updates' 'Never'. The bottom right pane shows system information: 'Processors' (Intel(R) Xeon(R) CPU E...), 'Installed memory (RAM)' (1.71 GB), and 'Disk space' (62.99 GB).

Dashboard

Local Server

Properties
For la-dns1

Computer name: la-dns1

Last installed updates: Never

Windows Update: Download updates only

Windows Defender: Real-Time Protection: On

Windows Firewall: Settings

Windows Security Configuration: On

Windows Time: (UTC-08:00) Pacific Time

Windows Update: 00378-00000-00000-A

Processors: Intel(R) Xeon(R) CPU E...

Installed memory (RAM): 1.71 GB

Disk space: 62.99 GB

Резюме (що встигли за лекцію)

- Розглянули деякі особливості ОС Windows Server 2016.
- Ввели поняття ролі сервера.
- Розглянули процес інсталяції та початкового налаштування ОС.