

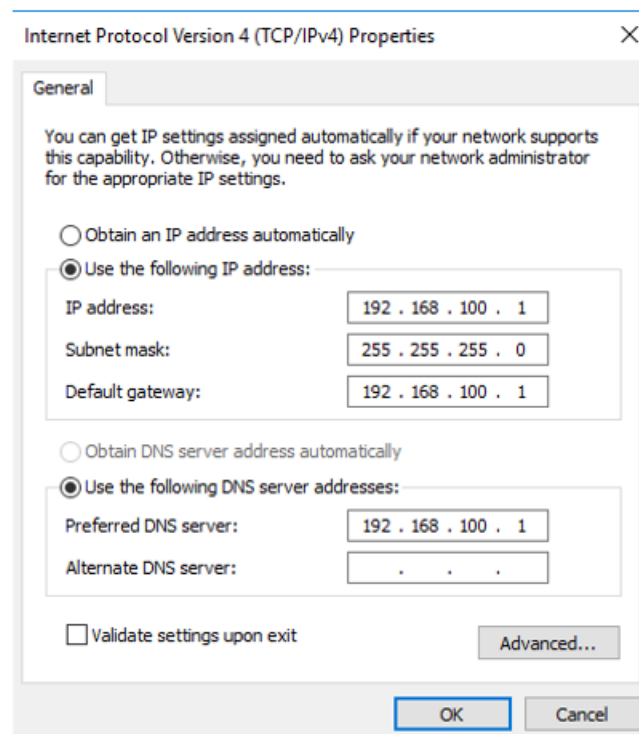
Tên: Huỳnh Viết Tuấn Kiệt

MSSV: 20521494

BÁO CÁO LAB3

THỰC HÀNH NHẬP MÔN MẠNG MÁY TÍNH

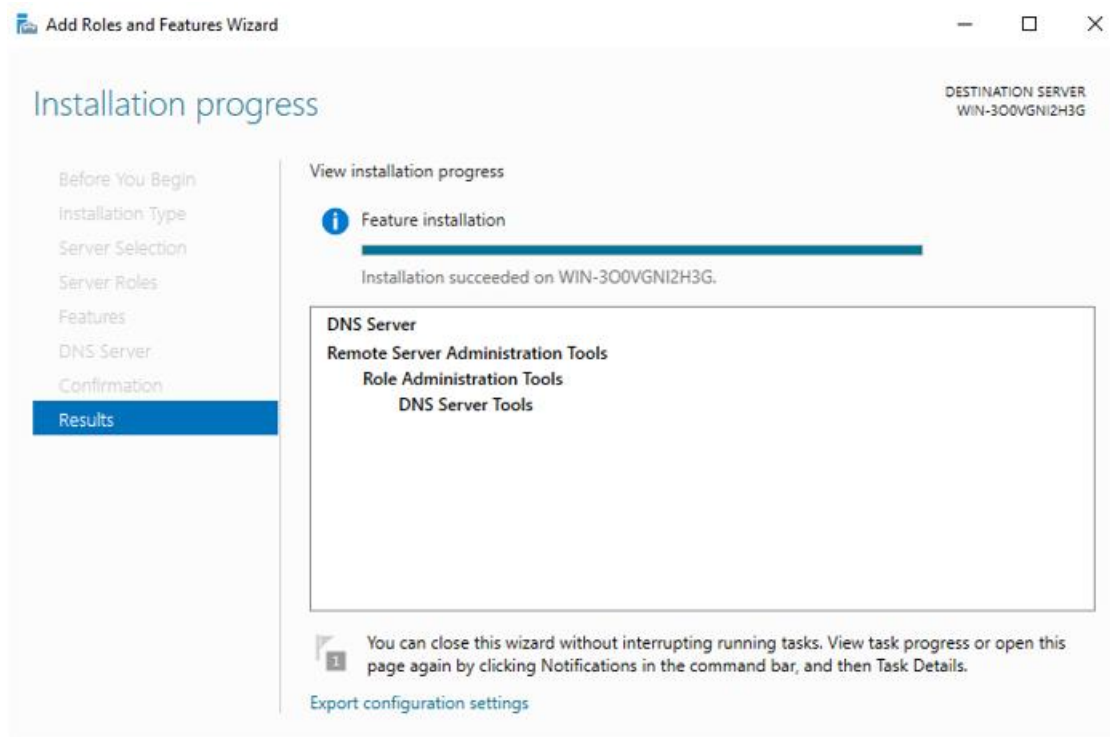
CÂU 1: Cấu hình địa chỉ IP cho máy chủ WinSV 2006



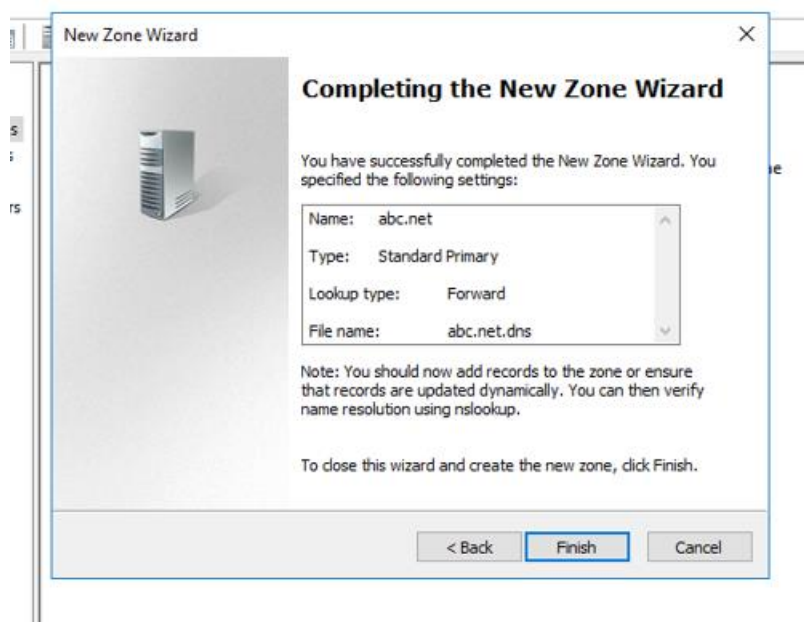
```
Connection-specific DNS Suffix . :  
Description . . . . . : Intel(R) PRO/1000 MT Desktop Adapter  
Physical Address. . . . . : 08-00-27-DE-6A-78  
DHCP Enabled. . . . . : No  
Autoconfiguration Enabled . . . . : Yes  
Link-local IPv6 Address . . . . : fe80::f00c:e5a2:ba23:9602%3(Preferred)  
IPv4 Address. . . . . : 192.168.100.1(Preferred)  
Subnet Mask . . . . . : 255.255.255.0  
Default Gateway . . . . . : 0.0.0.0  
DHCPv6 IAID . . . . . : 50855975  
DHCPv6 Client DUID. . . . . : 00-01-00-01-29-03-E7-C6-08-00-27-DE-6A-78  
DNS Servers . . . . . : 192.168.100.1  
NetBIOS over Tcpip. . . . . : Enabled
```

IP máy chủ winSV2006: 192.168.100.1

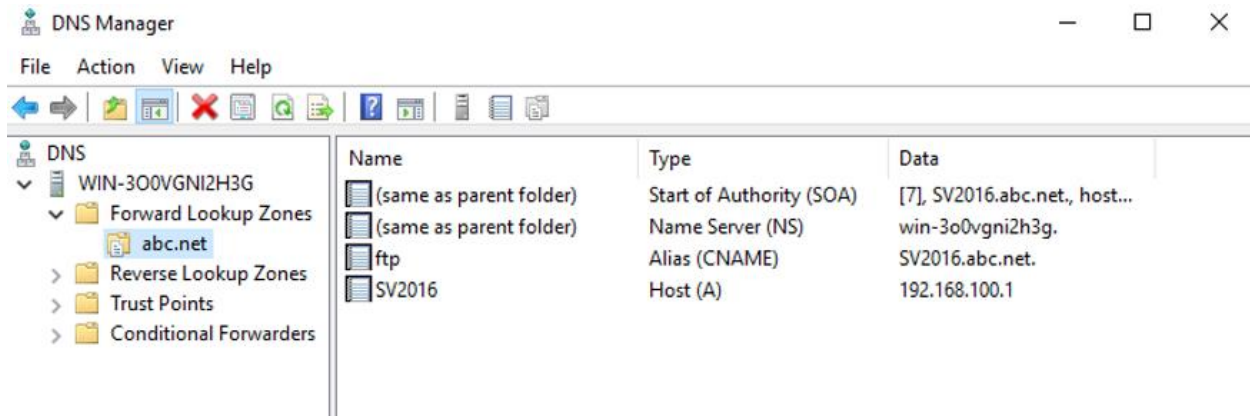
CÂU 2: Cài đặt DNS Server



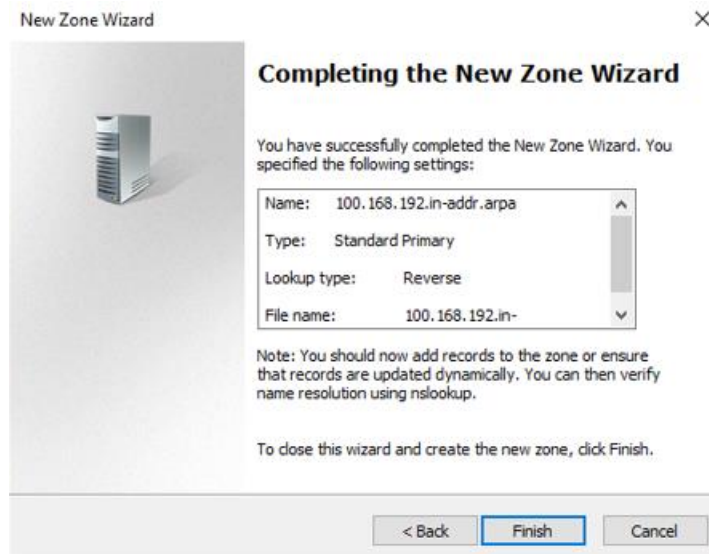
CÂU 3: Tạo Zone thuận



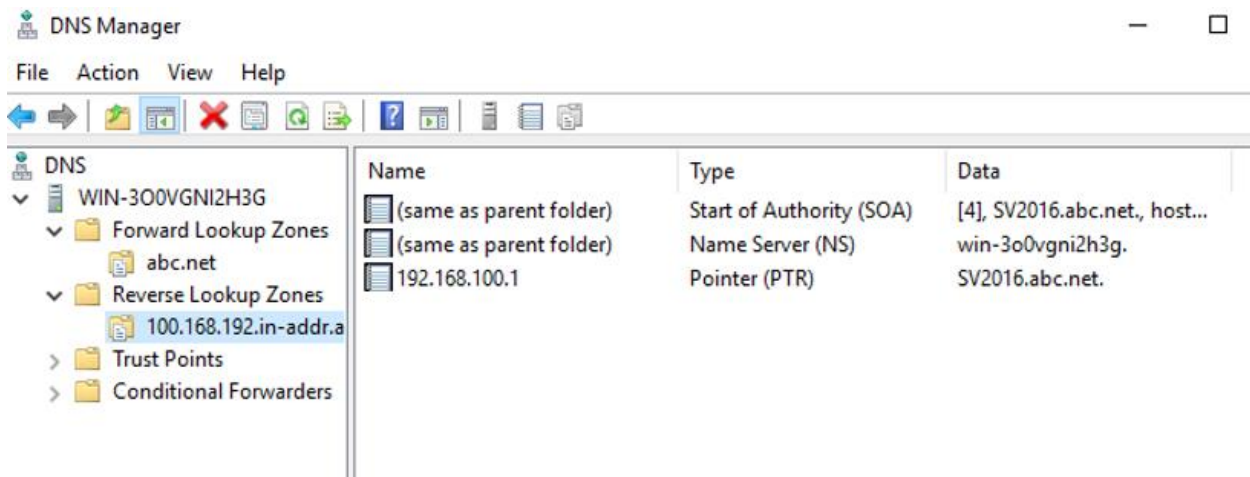
CÂU 4: Tạo RR Host (A) và Alias (CNAME)



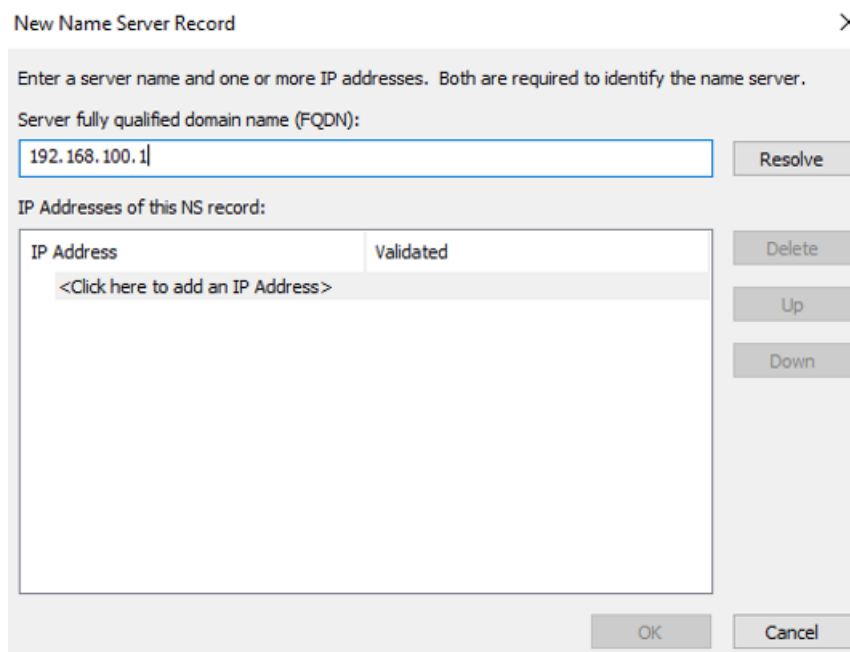
CÂU 5: Tạo Zone ngược



CÂU 6: Tạo RR Pointer (RRT)



CÂU 7: Hiệu chỉnh các RR



abc.net Properties

Name Servers WINS Zone Transfers

General Start of Authority (SOA)

Serial number: 1 Increment

Primary server: w2k6.abc.net Browse...

Responsible person: hostmaster. Browse...

Refresh interval: 15 minutes

Retry interval: 10 minutes

Expires after: 1 days

Minimum (default) TTL: 1 hours

CÂU 8: Kiểm tra sự hoạt động bằng lệnh nslookup

a) Tại máy chủ DNS Server

```
C:\Users\Administrator>nslookup
Default Server:  SV2016.abc.net
Address:  192.168.100.1

> set type=NS
> SV2016.abc.net
Server:  SV2016.abc.net
Address:  192.168.100.1

abc.net
    primary name server = SV2016.abc.net
    responsible mail addr = hostmaster
    serial = 7
    refresh = 900 (15 mins)
    retry = 600 (10 mins)
    expire = 86400 (1 day)
    default TTL = 3600 (1 hour)

> set type=any
> SV2016.abc.net
Server:  SV2016.abc.net
Address:  192.168.100.1

SV2016.abc.net  internet address = 192.168.100.1
> set type=ptr
> 192.168.100.1
Server:  SV2016.abc.net
Address:  192.168.100.1

1.100.168.192.in-addr.arpa      name = SV2016.abc.net
```

b) Tại máy khách DNS Client

```
C:\Users\PC>nslookup
Default Server:  SV2016.abc.net
Address:  192.168.100.1

> set type=A
> SV2016.abc.net
Server:  SV2016.abc.net
Address:  192.168.100.1

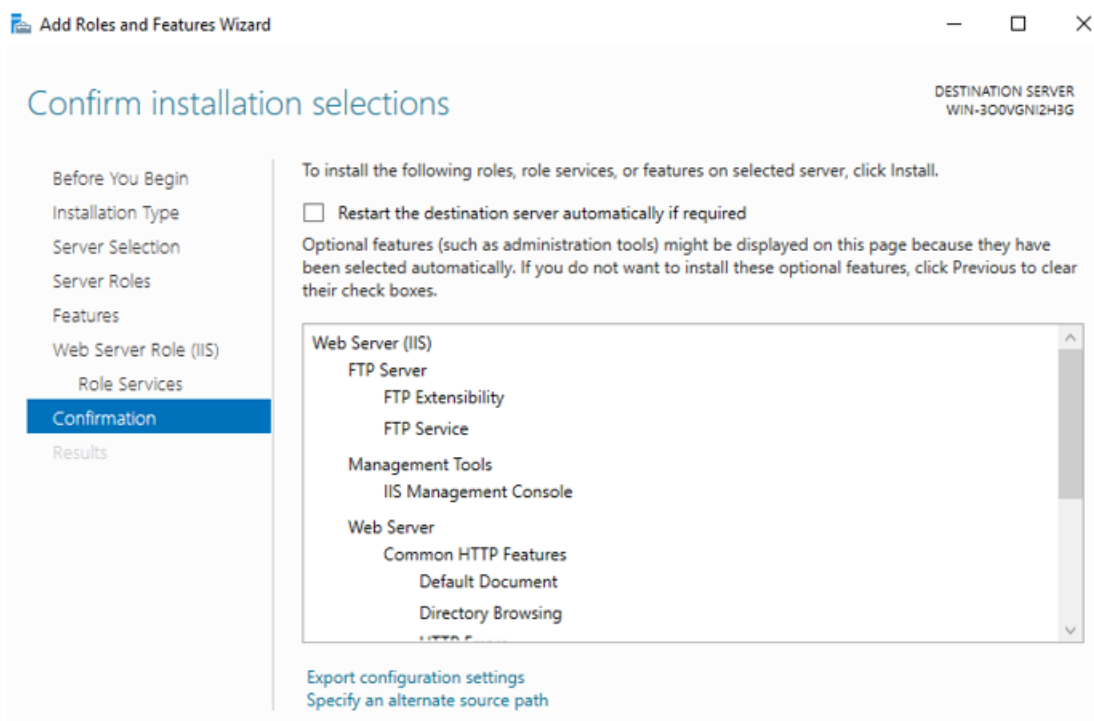
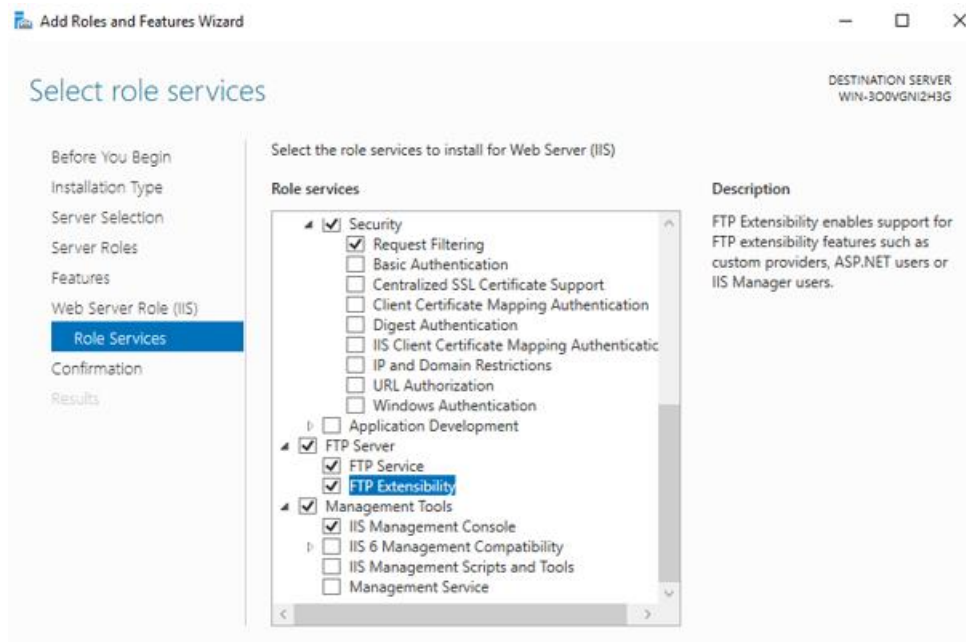
DNS request timed out.
    timeout was 2 seconds.
Name:  SV2016.abc.net
Address:  192.168.100.1

> set type=any
> SV2016.abc.net
Server:  SV2016.abc.net
Address:  192.168.100.1

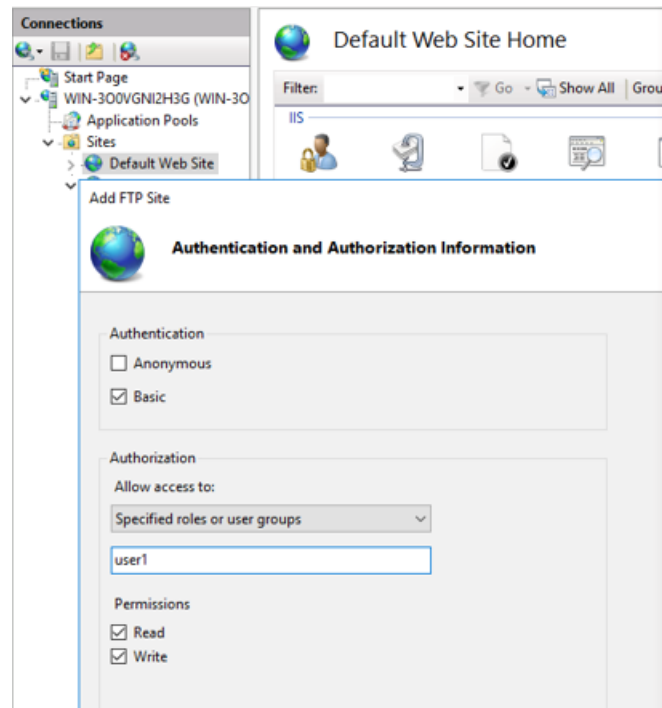
DNS request timed out.
    timeout was 2 seconds.
SV2016.abc.net  internet address = 192.168.100.1
> set type=ptr
> 192.168.100.1
Server:  SV2016.abc.net
Address:  192.168.100.1

1.100.168.192.in-addr.arpa      name = SV2016.abc.net
> quit
```

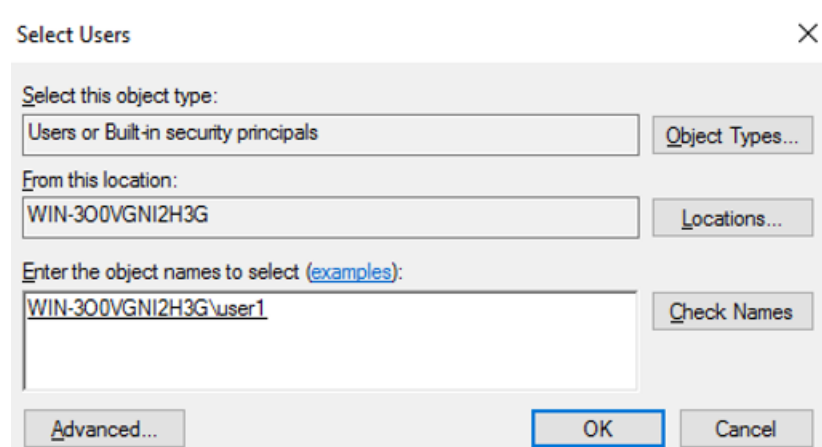
CÂU 9: Cài đặt FTP Server



Câu 10. Cấu hình FTP Server



Câu 11. Tạo nhóm user



Câu 12. Tạo người dùng user1, user2 và đặt mật khẩu tương ứng, thêm user1 vào nhóm user

New User ? X New User ? X

User name:	user1	User name:	user2
Full name:		Full name:	
Description:		Description:	
Password:	Password:
Confirm password:	Confirm password:
<input type="checkbox"/> User must change password at next logon		<input type="checkbox"/> User must change password at next logon	
<input checked="" type="checkbox"/> User cannot change password		<input checked="" type="checkbox"/> User cannot change password	
<input checked="" type="checkbox"/> Password never expires		<input checked="" type="checkbox"/> Password never expires	
<input type="checkbox"/> Account is disabled		<input type="checkbox"/> Account is disabled	

Help Create Close Help Create Close

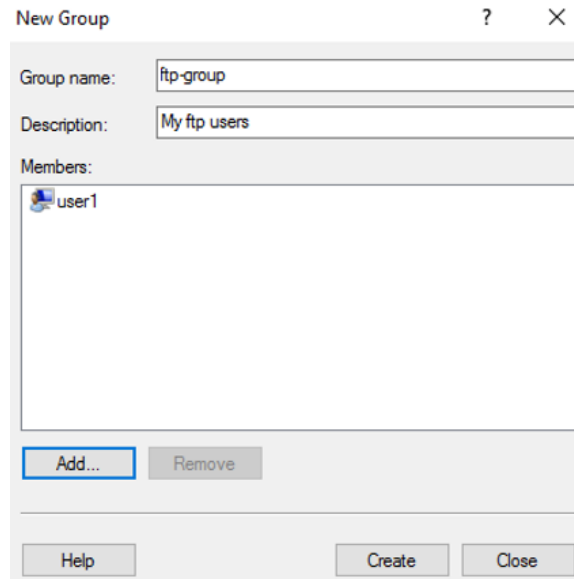
Computer Management
File Action View Help

Computer Management (Local)

- System Tools
 - Task Scheduler
 - Event Viewer
 - Shared Folders
 - Local Users and Groups
 - Users
 - Groups
 - Performance
 - Device Manager
- Storage
 - Windows Server Backup
 - Disk Management
- Services and Applications

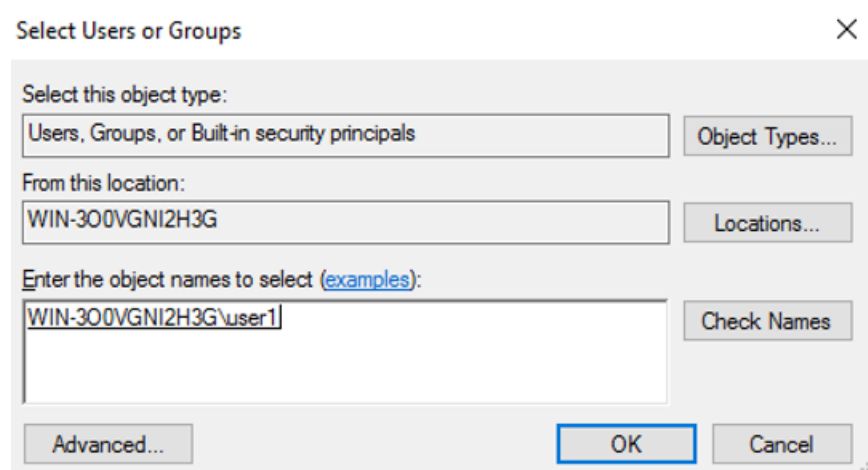
Name	Full Name	Description
Administrator		Built-in account for administering...
DefaultAcco...		A user account managed by the s...
Guest		Built-in account for guest access t...
user1	user1	
user2	user2	

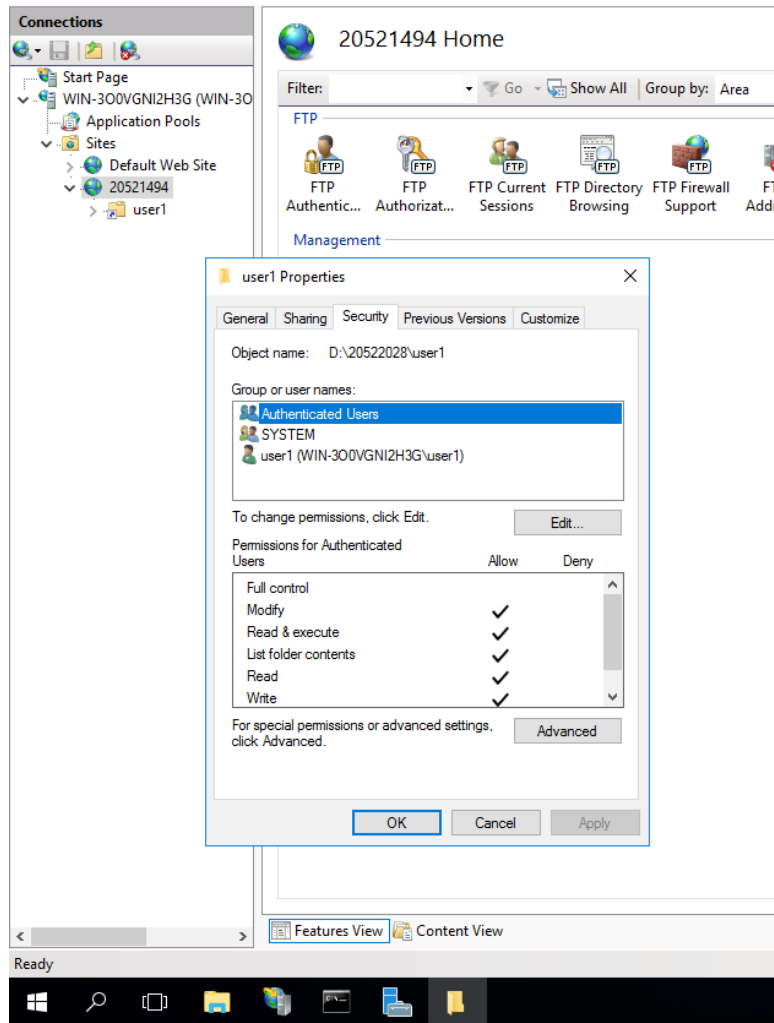
Tạo user1 và user2



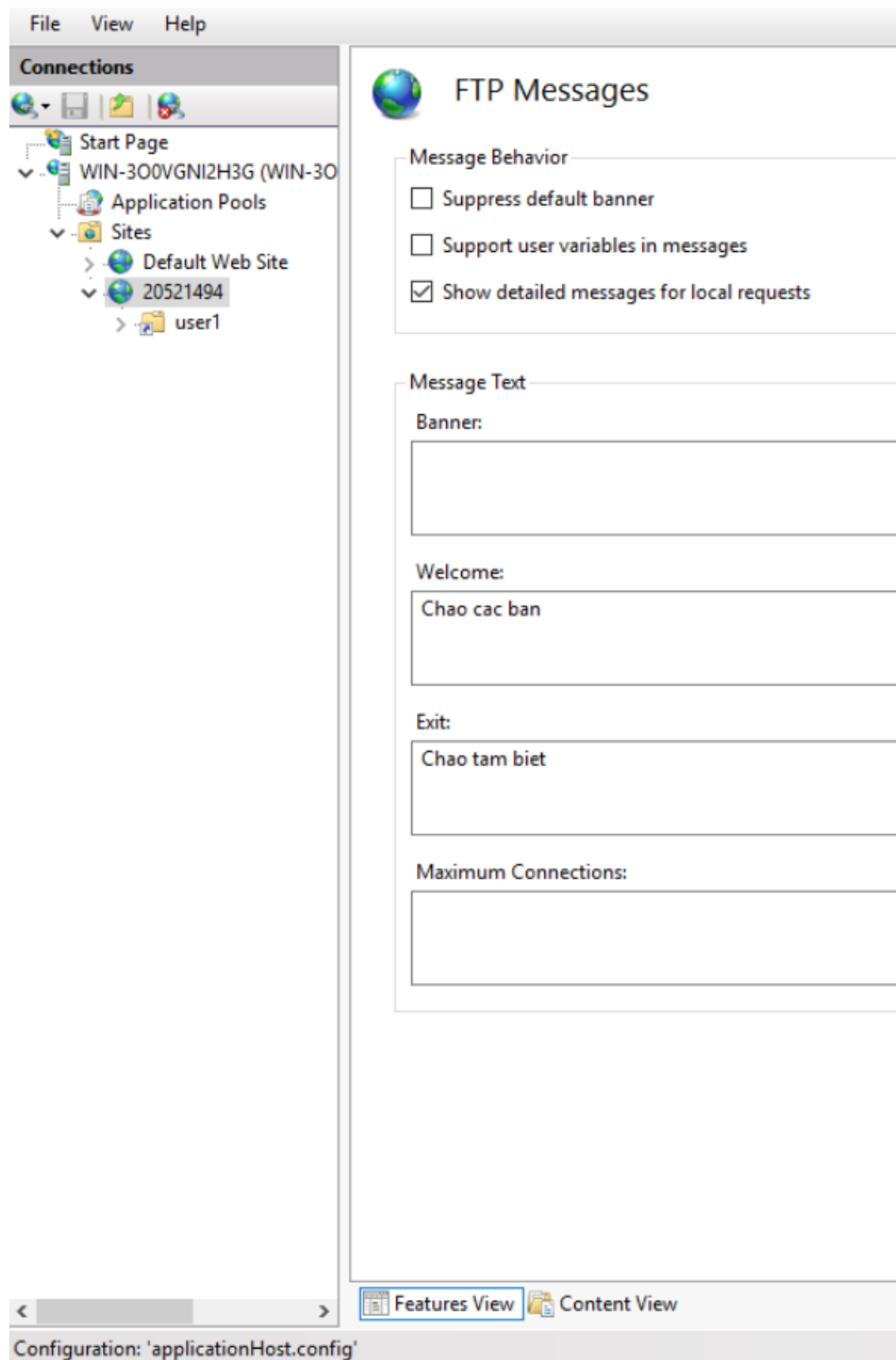
Thêm user1 vào nhóm user

Câu 13. Thiết lập phân quyền người dùng user1 vào toàn quyền đối với thư mục trong FTP Site






Câu 14. Thiết lập thông điệp chào mừng khi kết nối và thoát trong 1 phiên làm việc FTP



```
C:\>ftp
ftp> open 192.168.100.1
Connected to 192.168.100.1.
220 Microsoft FTP Service
200 OPTS UTF8 command successful - UTF8 encoding now ON.
User (192.168.100.1:(none)): user1
331 Password required
Password:
230-Chao cac ban
230 User logged in.
ftp> close
221 Chao tam biet
ftp> _
```

Câu 15. Thiết lập rule Firewall (xem cách thực hiện tại bước 5 phần FTP)

 New Inbound Rule Wizard



Rule Type

Select the type of firewall rule to create.

Steps:

- ☒ Rule Type
- ☐ Predefined Rules
- ☐ Action

What type of rule would you like to create?

- ☐ **Program**
Rule that controls connections for a program.
- ☐ **Port**
Rule that controls connections for a TCP or UDP port.
- ☒ **Predefined:**

FTP Server ▾

Rule that controls connections for a Windows experience.
- ☐ **Custom**
Custom rule.

Which rules would you like to create?

The following rules define network connectivity requirements for the selected predefined group. Rules that are checked will be created. If a rule already exists and is checked, the contents of the existing rule will be overwritten.

Rules:

Name	Rule Exists	Profile	Desc
<input checked="" type="checkbox"/> FTP Server Passive (FTP Passive Traffic-In)	Already exists	All	An in
<input checked="" type="checkbox"/> FTP Server Secure (FTP SSL Traffic-In)	Already exists	All	An in
<input checked="" type="checkbox"/> FTP Server (FTP Traffic-In)	Already exists	All	An in

< Back Next > Cancel

Câu 16. Thực hiện kết nối máy chủ FTP bằng 2 cách tại máy chủ FTP Server và tại máy khách FTP Client

1) Thực hiện kết nối máy chủ FTP bằng 2 cách tại máy chủ FTP Server

a) Thông qua Explore

Log On As

Either the server does not allow anonymous logins or the e-mail address was not accepted.

FTP server: 192.168.100.1

User name: user1

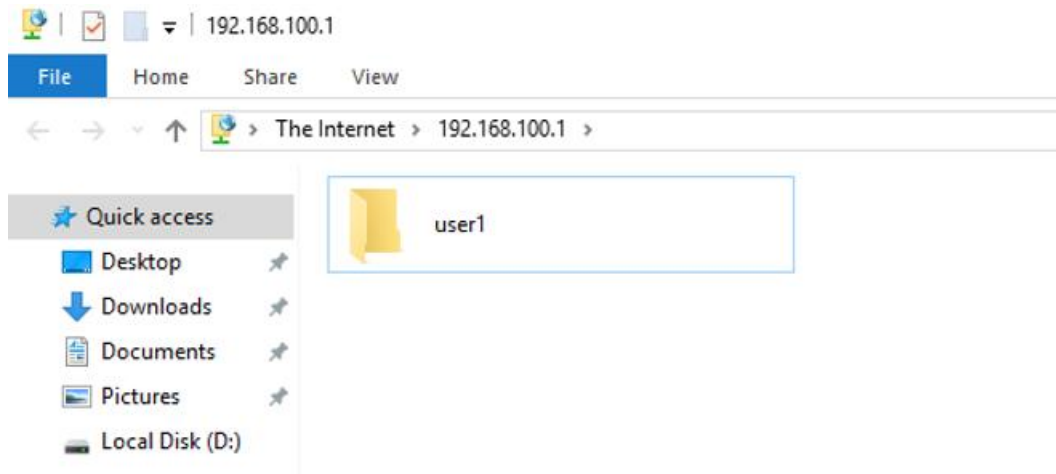
Password:

After you log on, you can add this server to your Favorites and return to it easily.

FTP does not encrypt or encode passwords or data before sending them to the server. To protect the security of your passwords and data, use WebDAV instead.

☐ Log on anonymously ☐ Save password

Log On Cancel

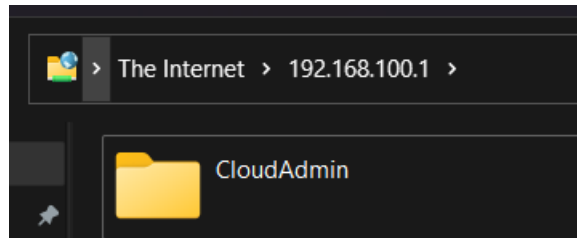


b) Thông qua cmd

```
ftp> open 192.168.100.1
Connected to 192.168.100.1.
220 Microsoft FTP Service
200 OPTS UTF8 command successful - UTF8 encoding now ON.
User (192.168.100.1:(none)): user1
331 Password required
Password:
230-Chao cac ban
230 User logged in.
ftp> close
221 Goodbye
ftp> quit
```

2) Thực hiện kết nối máy chủ FTP bằng 2 cách tại máy chủ FTP Client

a) Thông qua Explore



b) Thông qua cmd

```
C:\Users\PC>ftp
ftp> open 192.168.100.1
Connected to 192.168.100.1.
220 Microsoft FTP Service
200 OPTS UTF8 command successful - UTF8 encoding now ON.
User (192.168.100.1:(none)): user1
331 Password required
Password:
230-Chao cac ban
230 User logged in.
ftp> close
221 Goodbye
ftp> _
```