

Assignment 6

NETW3500

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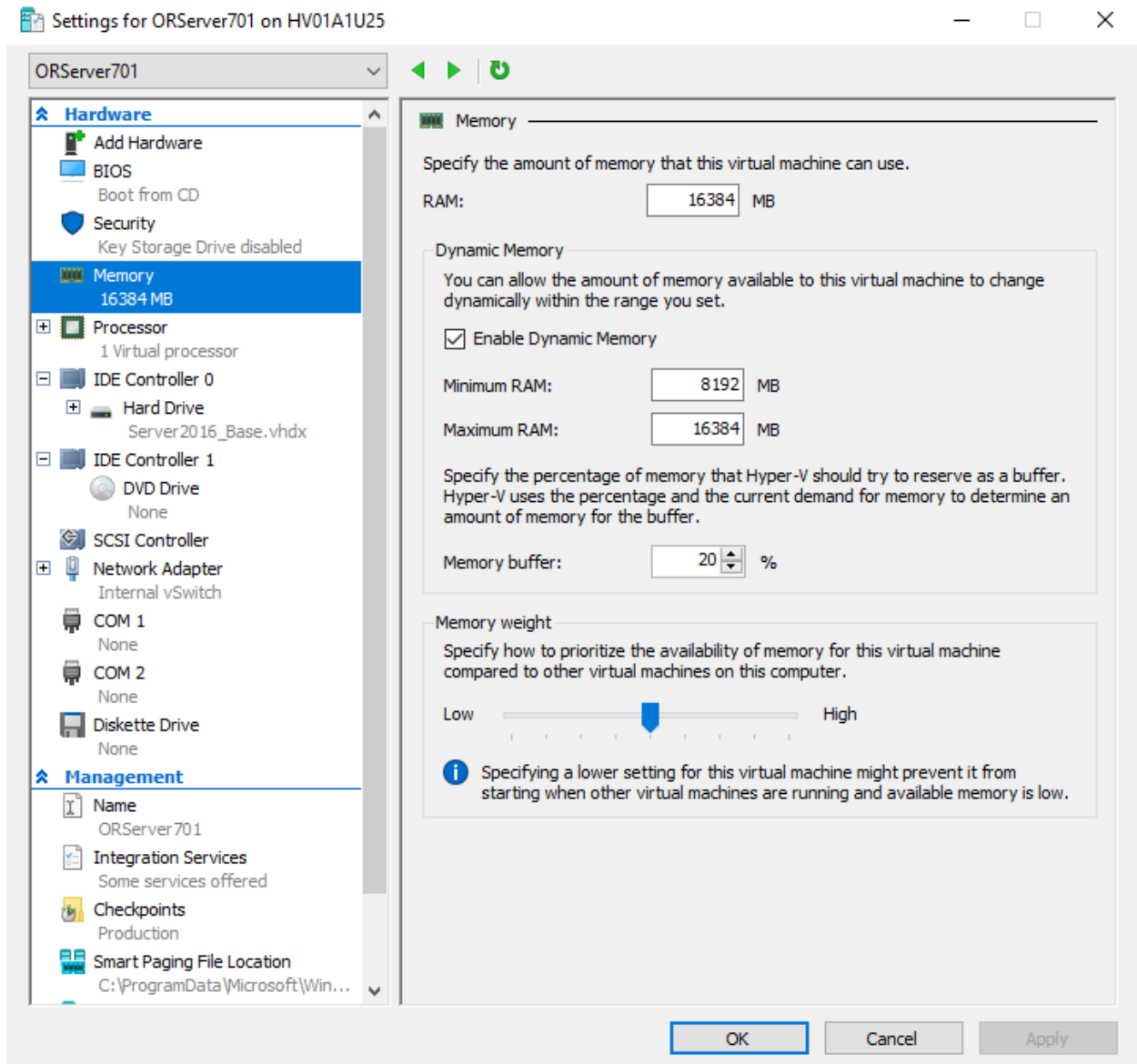
Screenshots..... 2

Appendix A..... **Error! Bookmark not defined.**

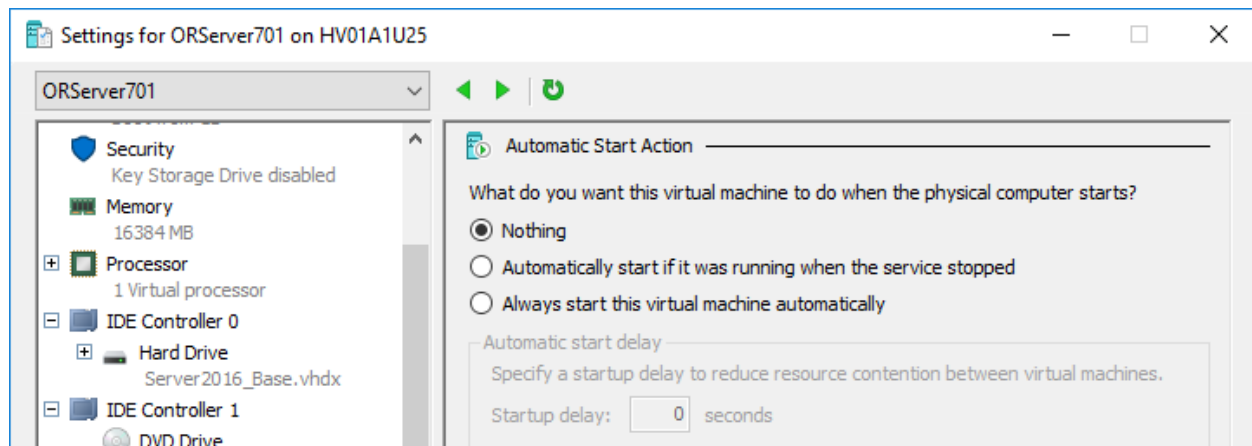
Assignment 6

Introduction

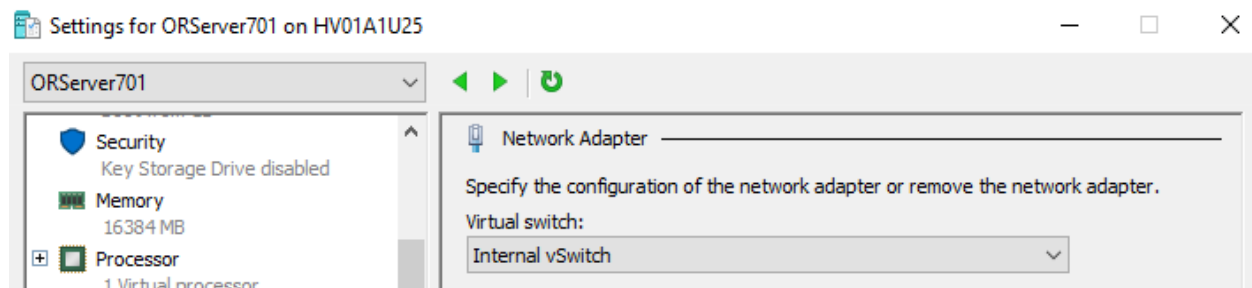
Screenshots



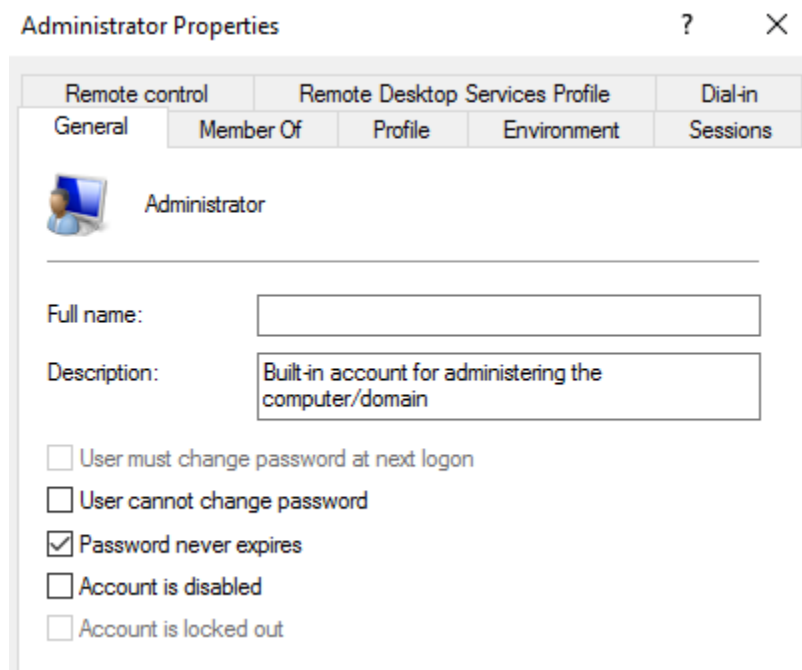
This screenshot shows the dynamic memory settings.



This shows that the server is not set to automatically start.




This shows the server is connected to the Internal vSwitch



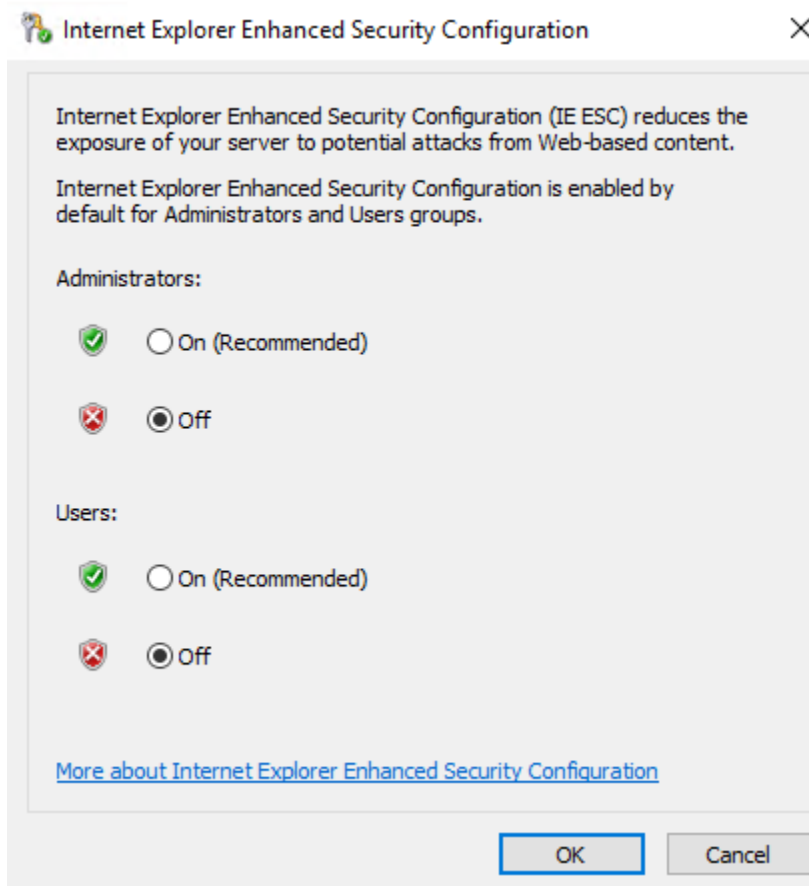
This demonstrates the server's default Administrator account's password is set to never expire.

Computer name, domain, and workgroup settings

Computer name: ORServer701
Full computer name: ORServer701.Pod7.devnet.ca
Computer description:
Domain: Pod7.devnet.ca

 [Change settings](#)

This demonstrates the hostname of the server as well as that it is joined to the domain.



This demonstrates the Internet Explorer Enhanced Security Configuration.


TCP 1433 Properties



General Programs and Services Remote Computers

Protocols and Ports Scope Advanced Local Principals Remote Users

Protocols and ports

 Protocol type: TCP

Protocol number: 6

Local port: Specific Ports

1433

Example: 80, 443, 5000-5010

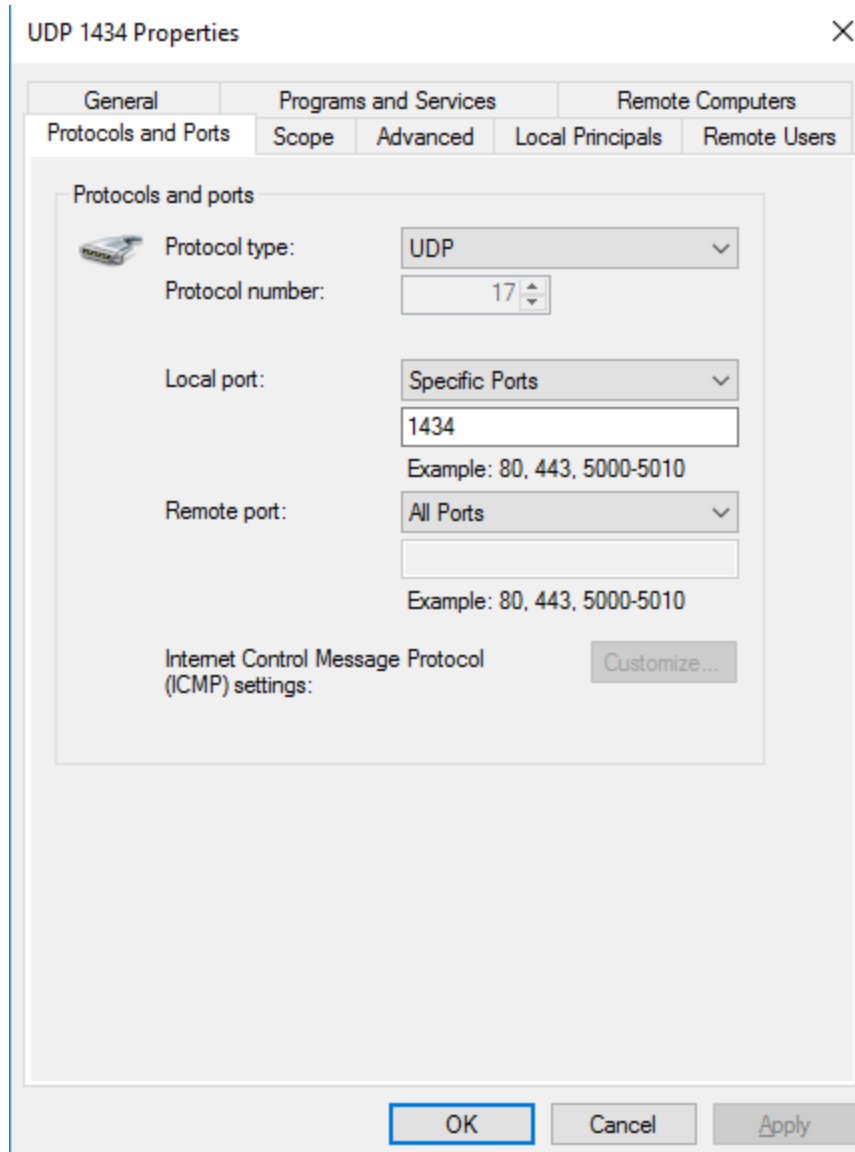
Remote port: All Ports

Example: 80, 443, 5000-5010

Internet Control Message Protocol (ICMP) settings: [Customize...](#)

OK Cancel Apply

This demonstrates the firewall exception for TCP 1433.



This demonstrates the firewall exception for UDP 1434

New Reservation ? X

Provide information for a reserved client.

Reservation name: ORServer701

IP address: 192 . 168 . 137 . 15

MAC address: 00155D88560f

Description: OR server

Supported types

☐ Both

☒ DHCP


☐ BOOTP

Add Close

This shows the settings for the ORServer701 DHCP reservation.

Orchestrator Service Account Properties ? X

Published Certificates	Member Of	Password Replication	Dial-in	Object
Security	Environment	Sessions	Remote control	
Remote Desktop Services Profile	COM+	Attribute Editor		
General	Address	Account	Profile	Telephones
				Organization

 Orchestrator Service Account

First name: Initials:

Last name:

Display name: Orchestrator Service Account

Description: OR Service Account

Office:

This demonstrates the Orchestrator Service Account display name and description.

Orchestrator Service Account Properties



Published Certificates	Member Of	Password Replication	Dial-in	Object
Security	Environment	Sessions	Remote control	
Remote Desktop Services Profile	COM+	Attribute Editor		
General	Address	Account	Profile	Telephones
			Organization	

User logon name:

User logon name (pre-Windows 2000):

☐ Unlock account

Account options:

- ☐ User must change password at next logon
- ☐ User cannot change password
- ☒ Password never expires
- ☐ Store password using reversible encryption

Account expires

☒ Never


☐ End of:

This shows the Orchestrator Service Accounts logon name and password settings.

SQL Service Account Properties



Published Certificates	Member Of	Password Replication	Dial-in	Object
Security	Environment	Sessions	Remote control	
Remote Desktop Services Profile	COM+	Attribute Editor		
General	Address	Account	Profile	Telephones
				Organization

 SQL Service Account

First name:

Initials:

Last name:

Display name:

Description:

Office:

Telephone number:

Other...

E-mail:

Web page:

Other...

This demonstrates the display name and description of the SQL Service Account.

SQL Service Account Properties



Published Certificates	Member Of	Password Replication	Dial-in	Object
Security	Environment	Sessions	Remote control	
Remote Desktop Services Profile		COM+	Attribute Editor	
General	Address	Account	Profile	Telephones
			Organization	

User logon name:

User logon name (pre-Windows 2000):

☐ Unlock account

Account options:

☐ User must change password at next logon
☐ User cannot change password
☒ Password never expires
☐ Store password using reversible encryption

Account expires


☒ Never
☐ End of:

This demonstrates the logon name and password settings for the SQL Service Account.

Orchestrator Administrator Properties



Published Certificates	Member Of	Password Replication	Dial-in	Object
Security	Environment	Sessions	Remote control	
Remote Desktop Services Profile	COM+	Attribute Editor		
General	Address	Account	Profile	Telephones
				Organization

 Orchestrator Administrator

First name:

Orchestrator

Initials:

Last name:

Administrator

Display name:

Orchestrator Administrator

Description:

Orchestrator Administrator

Office:

Telephone number:

Other...

E-mail:

Web page:

Other...

This demonstrates the Orchestrator Administrator account properties.

Orchestrator Administrator Properties ? X

Published Certificates	Member Of	Password Replication	Dial-in	Object
Security	Environment	Sessions	Remote control	
Remote Desktop Services Profile		COM+	Attribute Editor	
General	Address	Account	Profile	Telephones
				Organization

User logon name:
 @Pod7.devnet.ca

User logon name (pre-Windows 2000):

☐ Unlock account

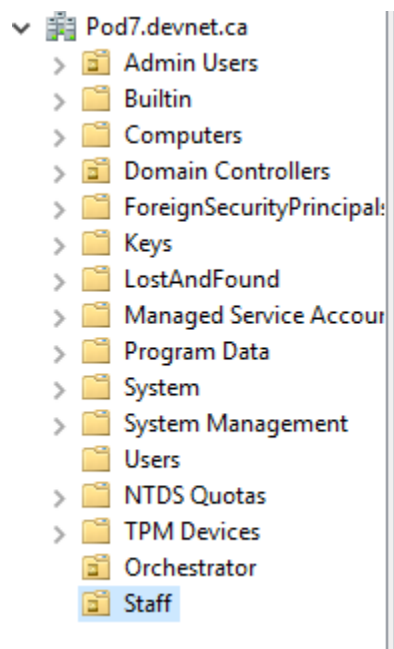
Account options:

☐ User must change password at next logon
☐ User cannot change password
☒ Password never expires
☐ Store password using reversible encryption

Account expires

☒ Never
☐ End of:

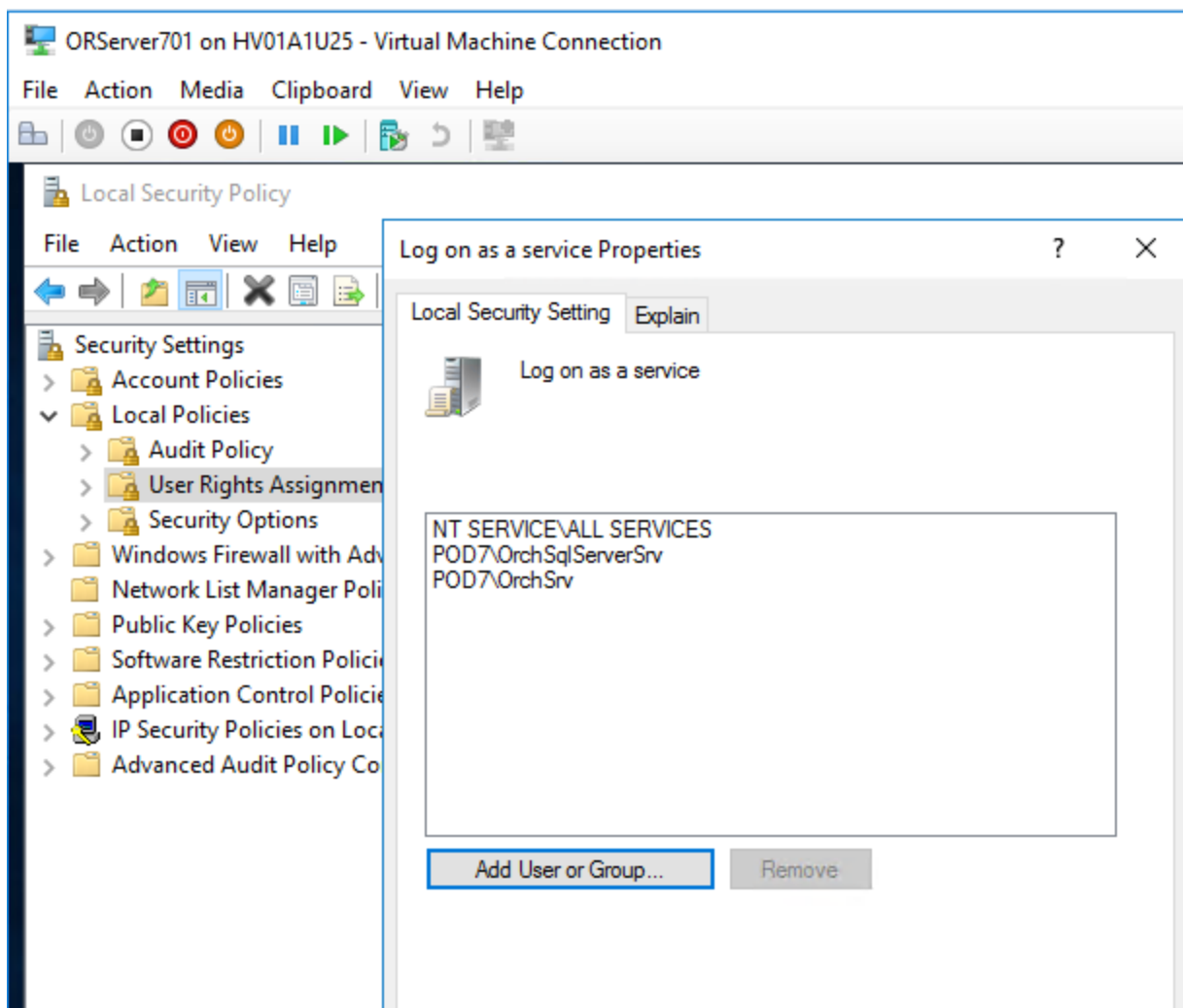
This shows the logon name and password settings for the Orchestrator Administrator.



This demonstrates the addition of the Orchestrator and Staff OU's to the domain.

Active Directory Users and Com		Name	Type	Description
> Saved Queries				
✓ Pod7.devnet.ca				
> Admin Users		Orchestrator Service ...	User	OR Service Account
> Built-in		SQL Service Account	User	SQL Service Account
> Computers		OrchMgt	Security Group...	
> Domain Controllers		Orchestrator Adminis...	User	Orchestrator Administra...
> ForeignSecurityPrincipal:				
> Keys				
> LostAndFound				
> Managed Service Accoun				
> Program Data				
> System				
> System Management				
Users				
> NTDS Quotas				
> TPM Devices				
Orchestrator				
Staff				

This shows the appropriate security group and users in the Orchestrator OU.



This demonstrates the service accounts added to the log on as a service properties.

.NET Framework 3.5 Features

.NET Framework 3.5 (includes .NET 2.0 and 3.0)

.NET Framework 4.6 Features

ASP.NET 4.6

WCF Services

HTTP Activation

Web Server (IIS)

Management Tools

IIS Management Console

Web Server

Application Development

ASP.NET 4.6

ISAPI Extensions

ISAPI Filters

.NET Extensibility 4.6

Common HTTP Features

Default Document

Directory Browsing

HTTP Errors

Static Content

Health and Diagnostics

HTTP Logging

Performance

Static Content Compression

Security

Request Filtering

Windows Process Activation Service

Configuration APIs

Process Model

The above two screenshots demonstrate the IIS installation settings.



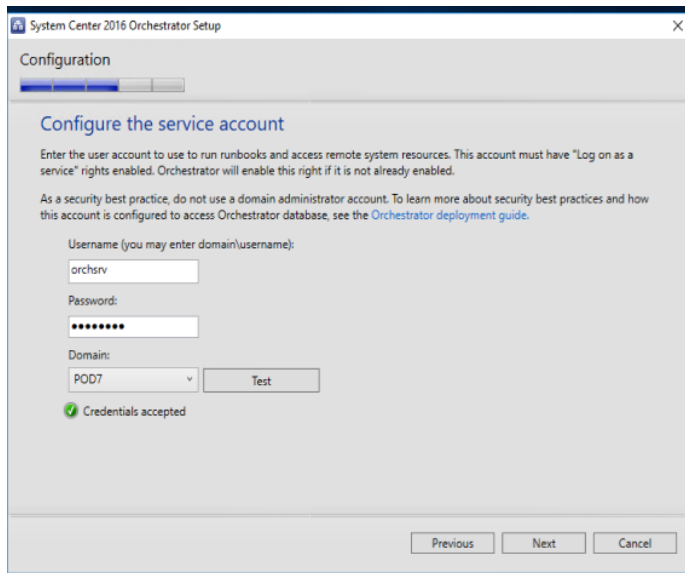
This shows that for Silverlight Bing and MSN were not set as the search engine and homepage.



This shows that during the Silverlight installation, Silverlight was set to be allowed to use Microsoft Update.

Jessey Harlow

Orchestrator account



System Center 2016 Orchestrator Setup

Configuration

Configure the service account

Enter the user account to use to run runbooks and access remote system resources. This account must have "Log on as a service" rights enabled. Orchestrator will enable this right if it is not already enabled.

As a security best practice, do not use a domain administrator account. To learn more about security best practices and how this account is configured to access Orchestrator database, see the [Orchestrator deployment guide](#).

Username (you may enter domain\username):
orchsrv

Password:

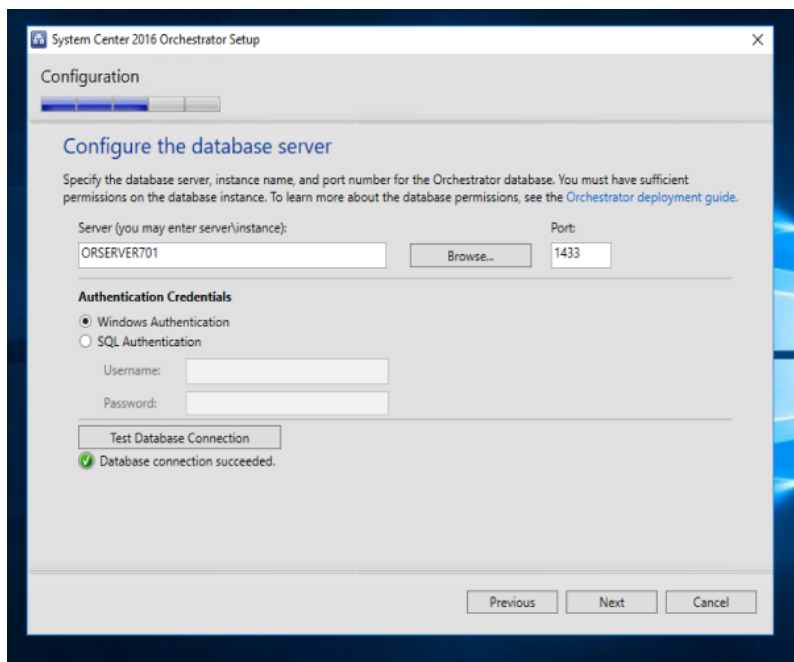
Domain:
POD7

Test

✓ Credentials accepted

Previous Next Cancel

Configuring the database server



System Center 2016 Orchestrator Setup

Configuration

Configure the database server

Specify the database server, instance name, and port number for the Orchestrator database. You must have sufficient permissions on the database instance. To learn more about the database permissions, see the [Orchestrator deployment guide](#).

Server (you may enter server\instance):
ORSERVER701

Browse...

Port:
1433

Authentication Credentials

☒ Windows Authentication

☐ SQL Authentication

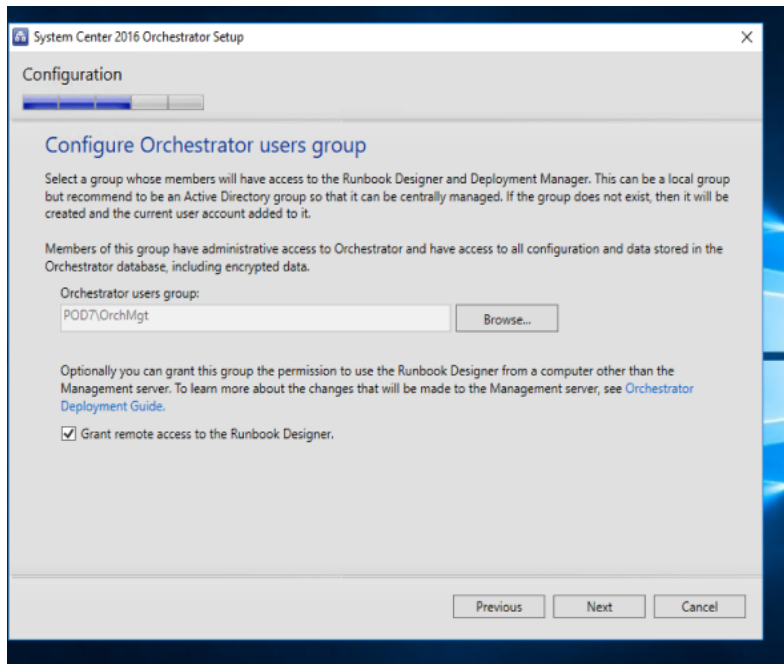
Username:
Password:

Test Database Connection

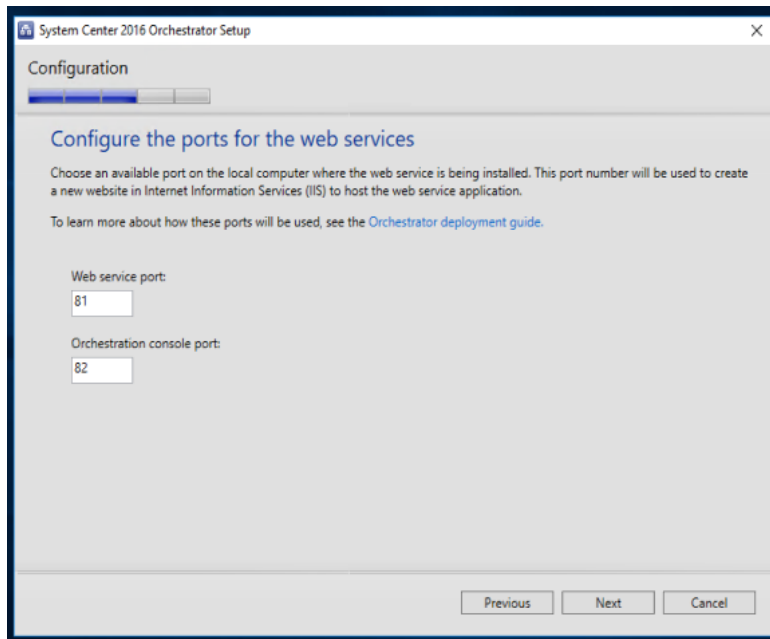
✓ Database connection succeeded.

Previous Next Cancel

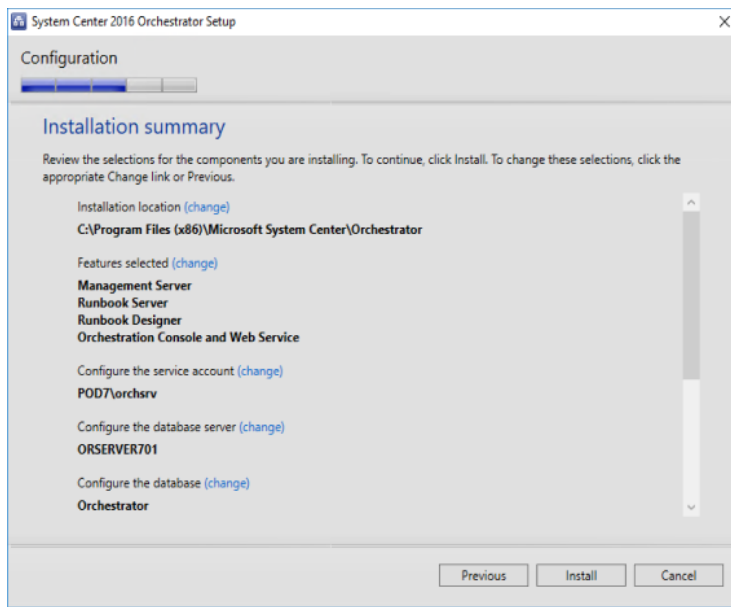
Orchestrator user group



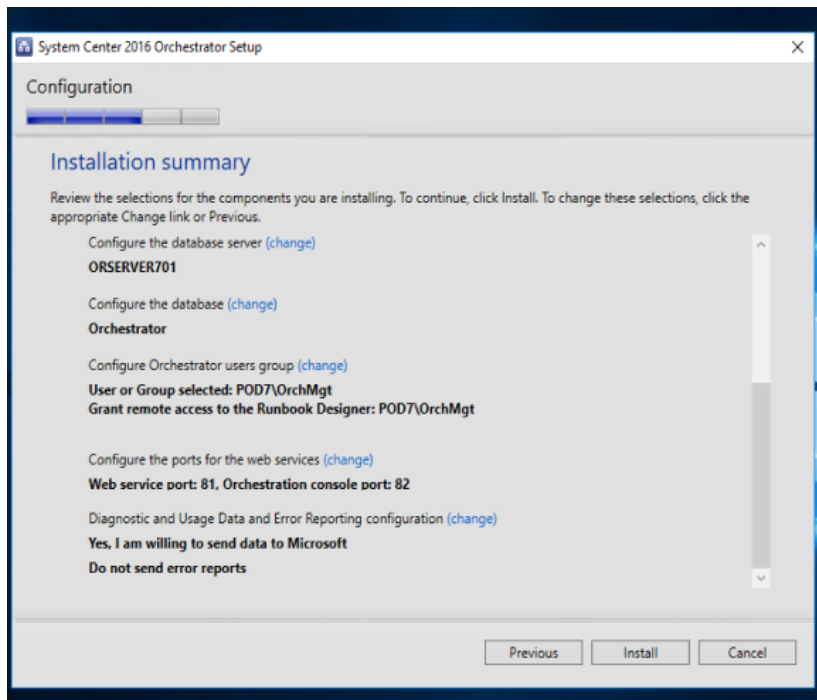
Web service ports



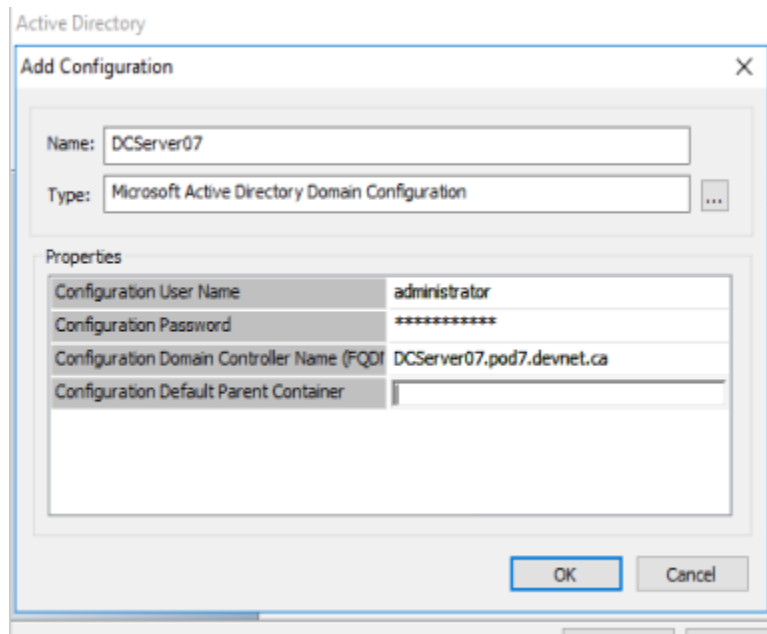
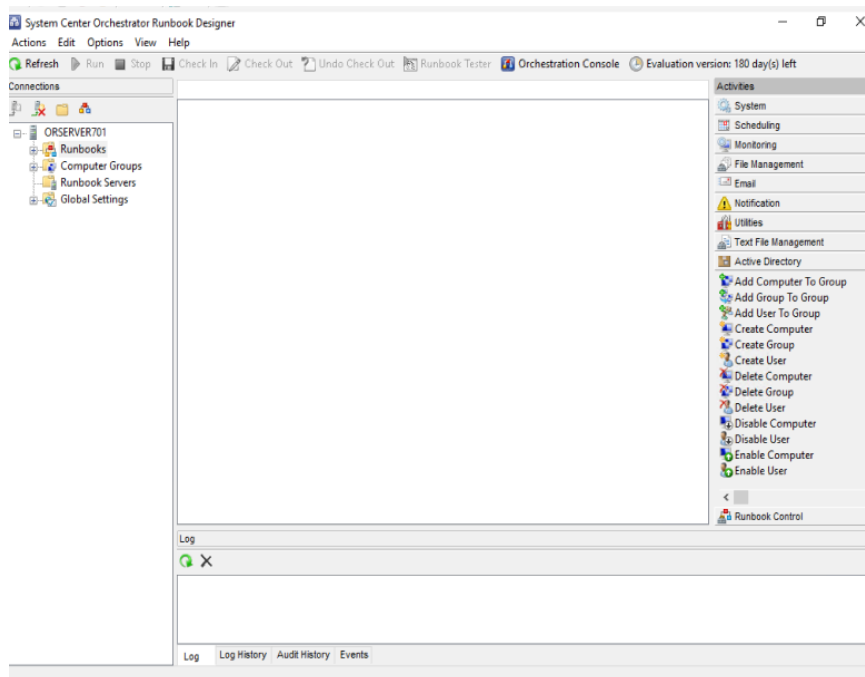
Installation Summary

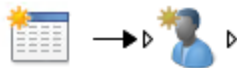


Installation Summary 2



Runbook Designer Active Directory





Initialize Data Create User

Create User Properties



Properties

Define the properties used by the activity.

General

Properties

Run Behavior

Configuration

Name: DCServer07



Properties

Common Name	{CommonName from "Initialize Data" ^
First Name	{FirstName from "Initialize Data"}
Last Name	{LastName from "Initialize Data"}
Password	*****
Office	{Office from "Initialize Data"}
SAM Account Name	{sAMAccountName from "Initialize Data"}
User Principal Name	{UserPrincipalName from "Initialize Data" v

Optional Properties...

Finish

Cancel

Help

Properties

Define the properties used by the activity.

General

Properties

Run Behavior

Configuration

Name: DCServer07

Properties

First Name	{FirstName from "Initialize Data"}
Last Name	{LastName from "Initialize Data"}
Password	*****
Office	{Office from "Initialize Data"}
SAM Account Name	{sAMAccountName from "Initialize D
User Principal Name	{UserPrincipalName from "Initialize D
Container Distinguished Name	OU=Staff,DC=Pod7,DC=devnet,DC

Optional Properties...


Finish Cancel Help

These two screenshots demonstrate the Create User properties.

Bruce Orca Properties



Published Certificates	Member Of	Password Replication	Dial-in	Object
Security	Environment	Sessions	Remote control	
Remote Desktop Services Profile	COM+	Attribute Editor		
General	Address	Account	Profile	Telephones
				Organization

 Bruce Orca

First name: Initials:

Last name:

Display name:

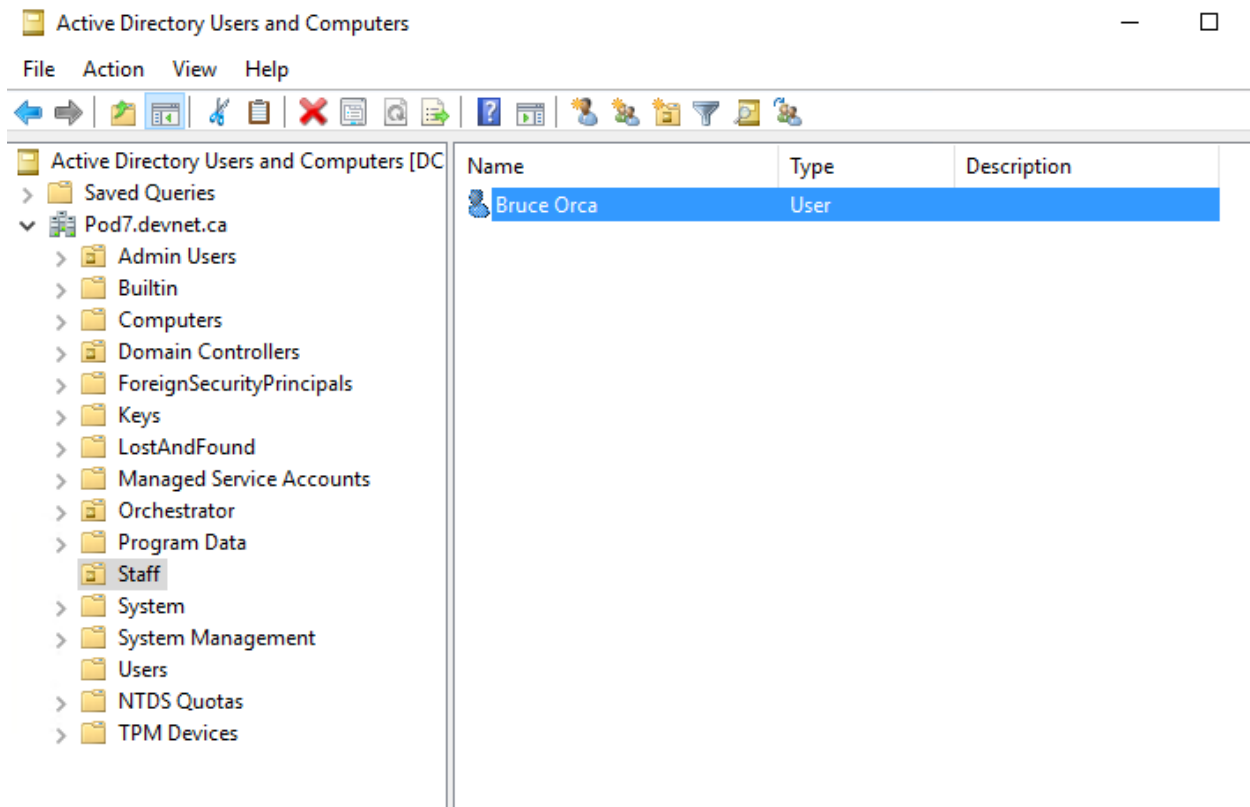
Description:

Office:

Telephone number:

E-mail:

Web page:



Your info



POD7\BORCA

POD7\BOrc

The previous three screenshots demonstrate the successful creation, settings, and log in of the Bruce Orca account.

Details Information

Define the parameters for the Initialize Data activity.

General

Details

Run Behavior

- LastName (data type: String)
- CommonName (data type: String)
- FirstName (data type: String)
- Office (data type: String)
- sAMAccountName (data type: String)
- UserPrincipalName (data type: String)
- Password (data type: String)
- DisplayName (data type: String)
- Description (data type: String)

Add Remove

Finish Cancel Help

This demonstrates adding DisplayName and Description to the initialize data.

Properties

Define the properties used by the activity.

General

Properties

Run Behavior

Configuration

Name: DCServer07

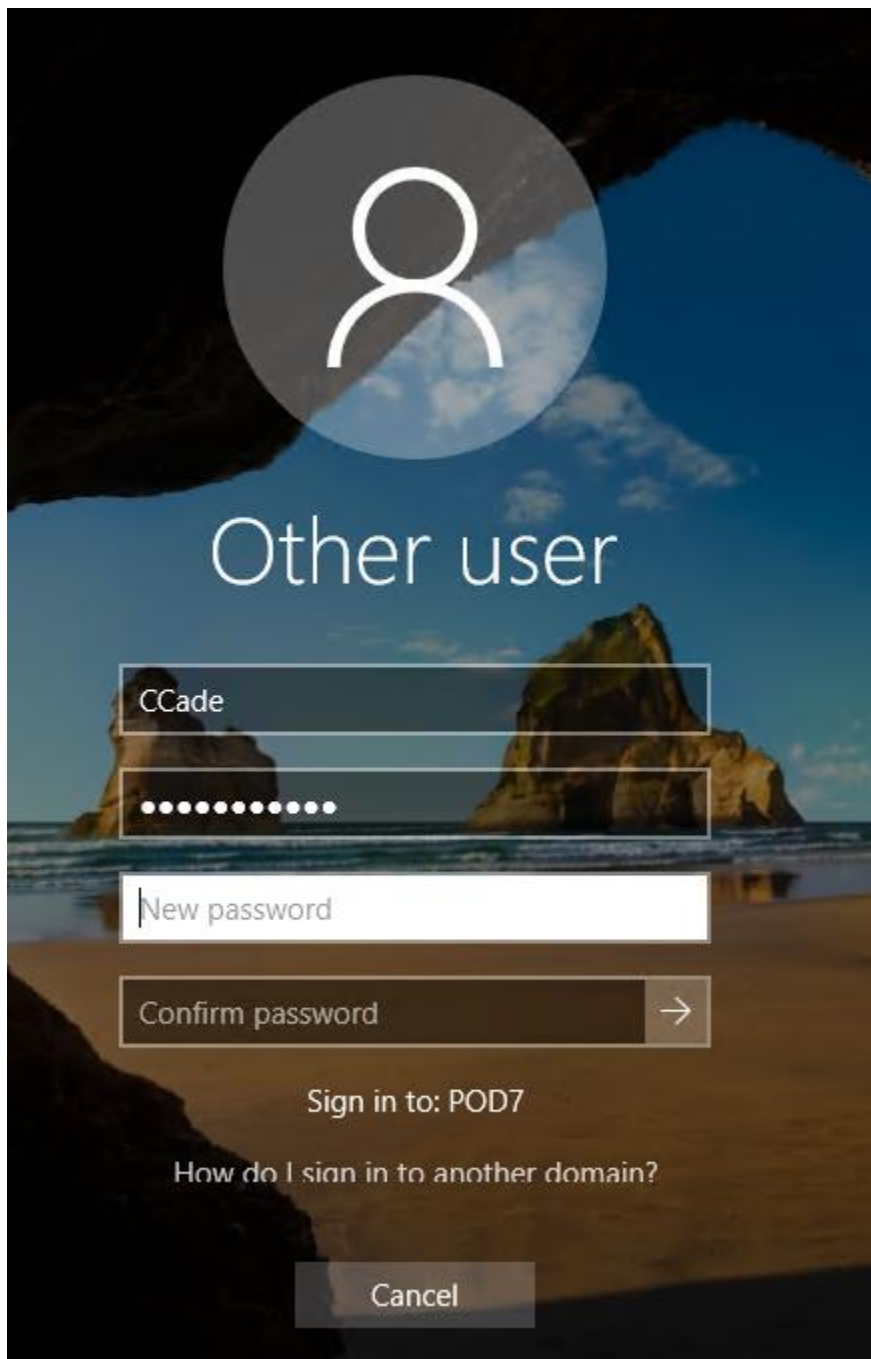
Properties

Password	*****
Office	{Office from "Initialize Data"}
SAM Account Name	{sAMAccountName from "Initialize D...
User Principal Name	{UserPrincipalName from "Initialize D...
Container Distinguished Name	OU=Staff,DC=Pod7,DC=devnet,DC=
User Must Change Password	True

Optional Properties...

Finish Cancel Help

This demonstrates setting the requirement for changing the password at next login.



This demonstrates that CCade was prompted to change her password upon login.

Your info




C.CADE

POD7\CCade

This demonstrates the account's successful logon.

Clare Cade Properties ? X

Published Certificates	Member Of	Password Replication	Dial-in	Object
Security	Environment	Sessions	Remote control	
Remote Desktop Services Profile	COM+	Attribute Editor		
General	Address	Account	Profile	Telephones
				Organization

 Clare Cade

First name: Initials:

Last name:

Display name:

Description:

Office:

Telephone number:

E-mail:

Web page:

This shows CCade's settings in Active Directory.