Objective

* Configure remote connectivity using Remote desktop

1. Read about “Configure remote connectivity” pages 391 through 396 of e-book “Exam Ref MD-100 Windows 10 - Exam Ref ". As you read, make note of important information and summarize the notes in bullet points. Have a minimum of three notes for each page

#### Manage Windows remotely by using Windows Remote Management

* Windows 10 provides a number of tools that you can use to manage your organization’s computers remotely. These include Remote Assistance, Remote Desktop, Windows PowerShell remoting, and many management console snap-ins. Knowing which tools support a given situation helps you address your users’ needs more quickly.

##### Remote management tools in Windows 10

* You can use a variety of tools to manage Windows 10 devices remotely.

**Selecting the appropriate remote management tool**

* Given that a variety of tools are available, it is important to know which one to use in a given situation. When considering the appropriate tool
* If you need to provide user interaction, choose Remote Assistance or Quick Assist. After that, it’s probably a personal preference of whether you use an MMC snap-in remotely or Remote Desktop.

**Enabling remote management settings**

* Depending on the remote management tool you have decided to use, it is almost certain that you must configure the target computer (the one you wish to manage) and possibly the local management computer (the one you are using) to enable the selected remote management tool. For example, it is common to have to enable the appropriate feature through Windows Defender Firewall to allow for management of a remote Windows 10–based device.

###### **Configuring Windows Defender Firewall to enable remote management**

* To enable remote management through Windows Defender Firewall on a target computer, open Control Panel

**The available remote management features are:**

* Remote Assistance
* Remote Desktop
* Remote Event Log Management
* Remote Event Monitor
* Remote Scheduled Tasks Management
* Remote Service Management
* Remote Shutdown
* Remote Volume Management
* Virtual Machine Monitoring
* Windows Defender Firewall Remote Management
* Windows Management Instrumentation (WMI)
* Windows Remote Management
* Windows Remote Management (Compatibility)

###### **Enabling remote management through System Properties**

Both Remote Assistance and Remote Desktop can be enabled through the System Properties dialog box, To access these settings, open the Settings app and follow these steps:

* Select **System** and then select **About**.
* In the details pane, under **Related Settings**, select **Advanced System Settings**.
* Select the **Remote** tab.

###### **Enabling Remote Assistance**

To enable Remote Assistance, on the Remote tab of the System Properties dialog box, select the Allow Remote Assistance Connections To This Computer check box. Then, optionally, select Advanced. you can then configure the following additional settings.

* **Allow this computer to be controlled remotely** This setting enables you to determine whether the person providing remote support can take remote control of the computer or only view the computer desktop. This setting is enabled by default when Remote Assistance is enabled.
* **Set the maximum amount of time invitations can remain open** One way of initiating a Remote Assistance session is for the user to invite the support person to connect. This setting defines the validity period of the invitations. The default is 6 hours.
* **Create invitations that can only be used from computers running Windows Vista or later** Windows Vista and later versions of Windows use a superior method of encrypting Remote Assistance network traffic. You should select this option if you are using Windows Vista and later on all support computers.

1. Set up remote desktop access for the Windows 10/11 client virtual machine that you have installed. Test the connection by using the server 2022 to access the client using remote desktop. Document the steps

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| Go to settings | A picture containing text, screenshot, monitor, electronics  Description automatically generated |
| Enable | Graphical user interface, application, Word  Description automatically generated |
| Confirm | Graphical user interface, text, application  Description automatically generated |
| Go to firewall | A picture containing text, screenshot, monitor  Description automatically generated |
| Go to remotedeesktop and enable it | A screenshot of a computer  Description automatically generated |
| Go to remotedesktop In server after enable same setps above enter the user name for clients and press connect | A screenshot of a computer  Description automatically generated |
| Type your password | A screenshot of a computer  Description automatically generated |
| Try to connect | A computer screen capture  Description automatically generated with medium confidence |
| All set | A screenshot of a computer  Description automatically generated with medium confidence |
|  |  |

1. Set up remote desktop access for the Windows server virtual machine that you have installed. Test the connection by using the client to access the server 2022 using remote desktop. Document the steps

|  |  |
| --- | --- |
| Steps to install remote desktop in server same as part 2 | Same steps above in part 2 |
| Try to connect from client |  |
| Enter username and password | A screenshot of a computer  Description automatically generated with medium confidence |
| Press yes | A screenshot of a computer  Description automatically generated |
| All set | A screenshot of a computer  Description automatically generated with medium confidence |
| All set | A screenshot of a computer  Description automatically generated with medium confidence |