

# 70 410 installing configuring windows server 2012 r2 microsoft official acade

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How to Install and Configure Windows Server 2012 R2 Step by Step\*\*

### 1. Prerequisites

Before you begin the installation process, ensure you meet the following minimum system requirements:

- Processor: 1.4 GHz 64-bit processor
- RAM: 512 MB (2 GB recommended)
- Hard disk space: 32 GB (64 GB recommended)
- Network interface card (NIC)

### 2. Boot Windows Server 2012 R2

- Insert the Windows Server 2012 R2 DVD or USB drive and boot from it.
- Press any key to boot from the CD or USB.
- Select your preferred language, time and currency format, and keyboard layout.
- Click "Install Now."

### 3. Choose the Installation Type

- Select "Custom: Install Windows only (advanced)."
- Click "Next."

#### **4. Partition the Hard Disk**

- Choose the partition where you want to install Windows Server 2012 R2.
- Click "New" to create a new partition or "Format" to format an existing one.
- Assign a drive letter and click "Next."

#### **5. Install Windows Server 2012 R2**

- The installation process will begin.
- This may take some time, so be patient.
- Once the installation is complete, your server will restart automatically.

#### **6. Configure Windows Server 2012 R2**

- After the reboot, you will be prompted to configure your server settings.
- Enter your product key.
- Configure your network settings.
- Create a local administrator account.

#### **7. Install Additional Features and Roles**

- Open Server Manager.
- Click "Add Roles and Features."
- Select the features or roles you want to install.
- Click "Next" and follow the prompts to complete the installation.

#### **8. Configure Print Server**

- Open Server Manager.
- Click "Add Roles and Features."
- Select "Print and Document Services."
- Follow the prompts to install and configure the print server.

#### **9. Create File Server**

- Open Server Manager.
- Click "File and Storage Services."
- Select "File and iSCSI Services."
- Follow the prompts to create a new file server.

## **10. Configure Web Server**

- Open Server Manager.
- Click "Add Roles and Features."
- Select "Web Server (IIS)."
- Follow the prompts to install and configure the web server.

## **11. Configure SMTP Server**

- Open Server Manager.
- Click "Add Roles and Features."
- Select "SMTP Server."
- Follow the prompts to install and configure the SMTP server.

## **12. Install FTP Server**

- Open Server Manager.
- Click "Add Roles and Features."
- Select "FTP Server."
- Follow the prompts to install and configure the FTP server.

## **13. Activate Windows 2012 R2 Server**

- Open Server Manager.
- Click "Manage" at the top of the screen.
- Select "Windows Activation."
- Enter your product key.

## **14. Repair Windows Server 2012 R2**

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- Boot from the Windows Server 2012 R2 DVD or USB drive.
- Select "Repair your computer."
- Choose the operating system you want to repair.
- Select "Startup Repair."
- Follow the prompts to complete the repair process.

## **15. Install Windows Server Backup 2012 R2**

- Open Server Manager.
- Click "Add Roles and Features."
- Select "Windows Server Backup."
- Follow the prompts to install and configure Windows Server Backup.

## **16. Install Windows Server 2012 R2 in Hyper V**

- Create a new virtual machine in Hyper V.
- Choose "Install from image" and select the Windows Server 2012 R2 ISO file.
- Follow the prompts to complete the installation.

## **17. Install Windows Server 2012 R2 in VirtualBox**

- Create a new virtual machine in VirtualBox.
- Choose "ISO Image" as the source and select the Windows Server 2012 R2 ISO file.
- Follow the prompts to complete the installation.

## **18. Set Auto Backup in Windows Server 2012 R2**

- Open Windows Backup.
- Click "Create a Backup."
- Select the destination for the backup.
- Configure the backup schedule.

- Start the backup.

## **19. Run System Restore on Windows Server 2012 R2**

- Boot into the Windows Recovery Environment.
- Select "Troubleshoot."
- Select "Advanced options."
- Select "System Restore."
- Follow the prompts to complete the system restore process.

## **20. Convert Windows Server 2012 R2 Core to Full GUI**

- Open Windows PowerShell as an administrator.
- Run the following command: `Dism /online /enable-feature /featurename:Server-Gui-Shell /all`
- Restart the server.

## **21. Install and Configure Active Directory in Windows Server 2012 R2**

- Open Server Manager.
- Click "Add Roles and Features."
- Select "Active Directory Domain Services."
- Follow the prompts to install and configure Active Directory.

## **22. Configure Application Server in Windows 2012 R2**

- Open Server Manager.
- Click "Add Roles and Features."
- Select "Application Server."
- Follow the prompts to install and configure the application server.

## **23. Install and Configure Radius Server in Windows 2012 R2**

- Open Server Manager.
- Click "Add Roles and Features."

- Select "Network Policy and Access Services."
- Follow the prompts to install and configure Radius Server.

### **Additional Information**

- Windows Server 2012 R2 is still supported by Microsoft until October 2023.
- The standard edition of Windows Server 2012 R2 can run up to 2 virtual machines.
- You can open settings in Windows Server 2012 R2 by pressing Windows Key + I.
- You can get the Windows Server 2012 R2 product key using the following command: `wmic path softwarelicensingproduct get productkey`

**What was the second magic bullet called?** Prontosil - the second magic bullet The second magic bullet was called Prontosil. In the 1930s, Gerhard Domagk used experiments on mice to discover that Prontosil killed the bacteria that cause blood poisoning.

**What is the magic bullet theory of medicine?** Paul Ehrlich's theory, known as the "Magic Bullet" theory, posits that it is possible to create a substance that can specifically target diseased or harmful cells (such as bacteria or cancer) in a body without harming healthy cells.

**What was the name of the magic bullet found by Ehrlich that killed syphilis?** Paul Ehrlich aimed to generate magic bullets, meaning chemical compounds that allow treatment of infectious diseases. In 1910, Paul Ehrlich developed compound 606—Salvarsan which was effective in the treatment of syphilis and in killing of spirochetes (Ehrlich, 1910).

**When did magic bullets come out?** Ehrlich's discovery of Salvarsan in 1909 for the treatment of syphilis is termed as the first magic bullet. This led to the foundation of the concept of chemotherapy.

**What are the different models of magic bullet?** Magic Bullet sells three models of personal blenders: the original Magic Bullet MBR-1101, the smaller Magic Bullet

Mini, and the Magic Bullet Kitchen Express, which is a combo food processor/blender.

**What is the generic name for magic bullet?**

**What disease did the magic bullet cure?** The first magic bullet was fired at syphilis on this day in 1909. Although specific diseases responded better to some drugs than to others, before the early 1900s development of Salvarsan, an arsenic-based drug to treat syphilis, drugs weren't developed to target a specific disease.

**What is magic bullet theory in simple words?** Lesson Summary. The magic bullet theory is the belief that an originator's media message may convince an audience by directly inserting an idea. This means that the originator makes the presumption that they will be able to affect their audience by directly injecting a message into the audience's brain.

**Which drug is an example of a magic bullet treatment?** After successful human trials, Salvarsan 606 was made available. It was the first magic bullet - a chemical that could cure people of syphilis.

**What is magic bullet also known as?** Assertion :Monoclonal antibodies are also known as magic bullets. Reason: Monoclonal antibodies are made by fusion of lymphocyte and myeloma cells.

**What did Prontosil help stop?** In the early 1930s, Gerhard Domagk discovered that the red dye prontosil was effective in treating staphylococcal and streptococcal bacterial infections<sup>12</sup> and was later awarded the 1939 Nobel Prize for this work.

**What is the history of Prontosil?** Prontosil was introduced into medicine in the 1930s. Prontosil resulted from research, directed by German chemist and pathologist Gerhard Domagk, on the antibacterial action of azo dyes. A red azo dye of low toxicity, Prontosil was shown by Domagk to prevent mortality in mice infected with *Streptococcus* bacteria.

**Was penicillin a magic bullet?** Another magic bullet from this era was penicillin, discovered in 1928 by Alexander Fleming.

**Understanding Biocentrism: The True Nature of the Universe Revealed**

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## **What is biocentrism?**

Biocentrism is a philosophical perspective that places life and consciousness at the center of the universe. It challenges the traditional view that the universe is a vast, impersonal machine governed by physical laws. Instead, biocentrism posits that life is the fundamental aspect of reality and that the universe is imbued with purpose and meaning.

## **How does biocentrism differ from other scientific theories?**

Most scientific theories focus on the physical world and its interactions. Biocentrism, however, recognizes the importance of consciousness and subjectivity in understanding the universe. It argues that the act of observation and measurement affects the behavior of the observed system, and that our subjective experiences play a role in shaping our knowledge of reality.

## **What are the implications of biocentrism for our understanding of life and the universe?**

Biocentrism has profound implications for our understanding of the nature of life and the universe. It suggests that:

- **Life is not a product of random chemical processes but a fundamental aspect of reality.**
- **Consciousness is not an illusion but a primary aspect of the universe that gives rise to physical phenomena.**
- **The universe is not a mechanistic machine but a living, breathing entity that responds to our thoughts and actions.**

## **How can biocentrism help us to live more fulfilling lives?**

Biocentrism invites us to question our assumptions about the world and to live in greater harmony with the natural world. It encourages us to:

- **Recognize the interconnectedness of all life and treat all beings with respect.**



- **Embrace our subjective experiences and seek a deeper understanding of ourselves and our place in the universe.**
- **Strive to live in alignment with the principles of love, compassion, and reverence for life.**

**How do I export defender data?**

**How to reset defender alarm?** Turn off the DSA power, then press the reset button and turn on the power.

**Where is Defender data stored?** Data storage location Defender for Endpoint operates in the Microsoft Azure data centers in the European Union, the United Kingdom, the United States, Australia, or Switzerland.

**How do I restore files from Defender?** On your Windows device, open Windows Security. Select Virus & threat protection and then, under Current threats, select Protection history. If you have a list of items, you can filter on Quarantined Items. Select an item you want to keep, and choose an action, such as Restore.

**Can I reset my alarm?** You're going to need to cut off the system's power supply momentarily in order to reset it. That means unplugging the transformer from the wall outlet. There are transformers included in both wired and wireless systems, and they're usually the only component that actually plugs into a wall outlet.

**What is an Eka code?** EMERGENCY KEY ACCESS CODE. The EKA code is found on the security information card supplied with your vehicle. The code is 4 digits long. The EKA code IS NOT the code in the key fob. The grey plastic tag on the keys IS NOT the EKA code, it is the ignition key code.

**How do I reset my factory alarm?**

**What is Defender database?** The Defender Database is a database of location coordinates (red light cameras, speed cameras, air patrol zones, etc.)

**How do I access my Defender logs?**

**How do I access Defender?**

**How do I stop defender from deleting files?**

**Where are quarantined files stored in defender?** In summary, whenever Defender puts a file into quarantine, it does three things: A bunch of metadata pertaining to when, why and how the file was quarantined is held in a QuarantineEntry . This QuarantineEntry is RC4-encrypted and saved to disk in the /ProgramData/Microsoft/Windows Defender/Quarantine/Entries folder.

**How do I restore defender settings?** In the Control Panel, click System and Security . There, click Windows Defender Firewall . In the firewall settings, click Restore Defaults on the left side. Here you can reset the firewall to the default settings by clicking the Restore defaults button.

**How to unlock an alarm system?**

**How do I reset my alarm without the code?** Reset the System: Some alarm systems allow you to reset the system by cutting power to the control panel and restarting it. Consult your alarm system's manual or contact the manufacturer for guidance on resetting. Seek Professional Assistance: If you cannot solve the situation independently, seek professional help.

**How do I permanently delete an alarm?**

**How do I find my key code?**

**Where can I find my EKA code?** Where is the EKA code? The EKA code is provided on the security card in with the hand book of your D2. If you do not have this card then you should contact your local Land Rover dealer who will be able to look it up for you assuming it has not been changed at some point.

**What is keyCode 73?** { "key": "i", "keyCode": 73, "which": 73, "code": "KeyI", "location": 0, "description": "i", "path": "/i" }

**How do I reprogram my alarm system?** You can reset your alarm system by powering it down and then powering it back on. This is what is known as a power reset. To power down the system, the backup battery must be disconnected, and the transformer must be unplugged. Then reconnect the battery and transformer to power it back on.

**What is the default alarm code?** Whenever a security alarm system is installed, it is set to a default code. The default codes are easy like 0000 or 1234 and many people forget to change it. Changing default codes is very important since many thieves are well aware of the common default codes.

**How do I reset an alarm?**

**How do I export my Microsoft Defender report?** Sign into <https://mydefender.microsoft.com> with your Microsoft account. at the top right corner. Select Privacy and data. Under Microsoft Defender data select Download my data.

**Where are Windows Defender files stored?** By default, the Windows Defender virus storage is located under the following path: C:\ProgramData\Microsoft\Windows Defender\Quarantine. However, we recommend you to interact with them only through antivirus software as it is much more reliable.

**Where is my Microsoft Defender for Identity data stored?** When your Defender for Identity workspace is created, it's stored automatically in the Azure region that's closest to your Microsoft Entra tenant's geographical location. Once your Defender for Identity workspace is created, Defender for Identity data can't be moved to a different region.

**How do I export Security hub findings to CSV?** You can export Security Hub findings from the AWS Lambda console. To do this, you create a test event and invoke the CsvExporter Lambda function. CsvExporter exports all Security Hub findings from all applicable Regions to a single CSV file in the S3 bucket for CSV Manager for Security Hub.

**How do I export an incident list to Excel?**

**How do I export Microsoft data?** Go to the Microsoft account Privacy page. Select Sign in with Microsoft. Sign in to your Microsoft account, then select the Download your data tab at the top of the page. Select Create new archive to export your data.

**Where are Windows Defender scan results stored?** Where can I find scan results? To see the Microsoft Defender Offline scan results: Select Start , and then select Settings > Update & Security > Windows Security > Virus & threat protection .

**Where is Windows Defender location?** Ensure Microsoft Defender Antivirus is enabled in the Windows Security app. Open the Windows Security app by searching the start menu for Security, and then selecting Windows Security. Select the Virus & threat protection tile (or the shield icon on the left menu bar).

**How to find Windows Defender folder?** Scroll to Windows Administrative Tools. Double-click on Task Scheduler. In the left pane, expand Task Scheduler Library > Microsoft > Windows, and then scroll down and select the Windows Defender folder.

**Where is the Windows Defender executable file?** You can find the Microsoft Defender Antivirus executable files in the following locations: %Program Files%\Windows Defender\ %ProgramData%\Microsoft\Windows Defender\Platform\4.18.2201.10-0\*\

**Where is Microsoft Defender data stored?** Microsoft Defender XDR operates in Microsoft Azure data centers in the European Union, the United Kingdom, the United States, Australia, and Switzerland.

**Does Windows Defender send data?** To detect malicious websites, Microsoft Defender for Endpoint uses on-device capabilities, and in some cases, remote services. Your personal information is not sent while using the remote service to detect malicious websites.

**Where are the files deleted by Windows Defender?** Where do files deleted by Windows Defender go? The files will not go to the Recycle Bin; you can find Windows Defender deleted files in the Quarantined folder. You can go to this folder to check the deleted files: C:\ProgramData\Microsoft\Windows Defender\Quarantined.

**How to generate a security hub report?** On AWS account console, open the service CloudFormation. Click on Create Stack with new resources. Select Template is ready and then Upload a template file. Using Choose file, select the security-hub-full-report-email.

**Where does Export CSV save to?** Export-Csv converts the process objects to a series of CSV strings. The Path parameter specifies that the Processes.csv file is saved in the current directory. The Delimiter parameter specifies a semicolon to

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separate the string values.

**How to Export CSV file?** Go to File > Save As. Click Browse. In the Save As dialog box, under Save as type box, choose the text file format for the worksheet; for example, click Text (Tab delimited) or CSV (Comma delimited).

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