

Server roles for installing windows server 2008 r2

[Technology](#), [Information Technology](#)



Server Roles for Installing Windows Server 2008 R2 Server Roles for Installing Windows Server 2008 R2 Windows Server 2008 R2 simplifies securing and managing server roles in an organization with the Server Manager console. In Windows Server 2008 R2, the server manager offers a single source for handling a server's system information and identity, portraying server status, spotting out problems with server role alignment, and controlling all roles connected on the server. Some of the roles available for the installation include the following:

Active Directory Certificate Services refer to roles that offer customizable services for providing and managing credentials in software security systems, which utilize major public technologies. AD CS can be used to create a single or many certification authorities to obtain certificate requests, confirm the information in the requests and the requester's identity, revoke certificates, issue them, and publish revocation data. AD CS support applications such as secure wireless services, smart card logon, and digital signatures (Kelbley & Sterling, 2010).

Application server

This role provides a total solution for accommodating and managing high-performance allocated business applications. Here, integrated services like the .NET Framework, COM+, and Web Server Support enhance productivity all through the application life cycle, ranging from design and development up to operations and deployment.

Domain Name System Server

This role, (DNS) gives a standard way for relating designations with numeric Internet addresses. With this, users refer to system computers through using

easily remembered names rather than a long series of numbers. The DNS services may be integrated with Dynamic Host Configuration Protocol services, eradicating the necessity to add DNS records as more computers are increased on the network.

Other server roles for the Windows Server 2008 R2 include file services, Active Directory Domain Services, print and Document services, fax server, and Remote Desktop Services.

Of the above roles, the Active Directory System would be best installed in the Kudler Fine Foods Virtual Organization. This is can be either the Active Directory Domain Service or the Active Directory Federation Services. This is because the role can enable this organization to install Windows in phases, thus enabling integration of other systems. Based on the networking of a this big organization, (Kudler) the Active Directory System is essential because it can authenticate users to many applications that use one user account, and it can be used on a larger scale, providing each user with virtual services (Laudon & Laudon, 2007).

New security support built into Windows® 2008 R2

Additions to the Negotiate Authentication package by use of NegoExts, the SSP can be authenticated to negotiate them between Microsoft and related software providers. Such extensions are important in securing merged applications like OCS 2007 and SharePoint. They offer great support for Hosted Exchange and Office Live services, opening ways for extra applications in a domain ([www. microsoft. com](http://www.microsoft.com)).

Windows Biometric Service

This new security support enables administration and all users to utilize

fingerprint biometric tools to log in to grant elevation privileges and computers through UAC as well as performing basic control of fingerprint tools. Administrators can control biometric systems in Group Policy to either limit, enable, or block their access. It is greatly appreciated that there is more support for managing biometric policies on the server, a factor encouraged in Server security features.

References

Kelbley, J., & Sterling, M. (2010). *Windows Server 2008 R2 Hyper-V: Insiders Guide to Microsofts Hypervisor*. John Wiley & Sons.

Laudon, K. C., & Laudon, J. P. (2007). *Management information systems: managing the digital firm (10th ed.)*. Upper Saddle River, NJ: Pearson Prentice Hall.

Why is Microsoft Dynamics the right choice for your people? (n. d.). Retrieved March 04, 2014, from Microsoft Web Site: <http://www.microsoft.com/dynamics/default.aspx>.