414 – Implementing an Advanced Server Infrastructure

Microsoft Official Courses (MOC)

Course 20414 (20414C): Implementing an Advanced Server Infrastructure





За Курса (About this Course):

- Get hands-on instruction and practice planning, designing and deploying a physical and logical Windows Server® 2012 R2 enterprise infrastructure in this 5-day Microsoft Official course. This course is part two in a series of two courses that provides the skills and knowledge necessary to design and implement a Windows Server 2012 R2

infrastructure in an enterprise environment. The two courses collectively cover designing, planning, deploying, securing, monitoring, automating, and virtualizing an enterprise server infrastructure. This course covers the knowledge and skills to plan and implement a highly available, secure infrastructure with focus on Active Directory® Federation Service (AD FS), public key infrastructure (PKI), and Active Directory Rights Management Services (AD RMS). You will also learn the skills needed to plan and deploy virtual machines including self-service and automation of virtual machine deployments as well as planning and implementing a monitoring strategy that includes Microsoft® System Center 2012 R2-Operations Manager. This course maps directly to and is the preferred choice for hands-on preparation for Microsoft Certified Solutions Expert (MCSE): Exam 414: Implementing an Advanced Server Infrastructure, which is the fifth of five exams required for MCSE: Server Infrastructure certification. NOTE: Labs in this course are based on Windows Server 2012 R2 and System Center 2012 R2. This course is designed for experienced IT professionals who support medium to large enterprises and have experience administering Windows Server 2012 R2 and have an MCSA: Windows Server 2012 certification or equivalent skills.

Цели – Какво ще научите (Course Goals/Skills):

- Describe an enterprise data center.
- Plan and implement a server virtualization strategy

using System Center 2012.

- Plan and implement the network and storage infrastructure required to deploy a virtualized server infrastructure.
- Plan and deploy virtual machines on Windows Hyper-V®.
- Plan and implement a virtualization administration solution by using System Center 2012.
- Plan and implement a server monitoring strategy using the Windows Server 2012 tools and using Microsoft System Center 2012 – Operations Manager.
- Plan and implement an application and a file services infrastructure that is highly available.
- Plan and implement a highly available server infrastructure by using the failover clustering features in Windows Server 2012.
- Plan and implement a business continuity strategy in a Windows Server 2012 environment.
- Plan and implement a PKI deployment, and plan and implement a certificate management solution.
- Plan and implement an AD FS server deployment and claims aware application access.
- Plan and implement Dynamic Access Control, Workplace Join and Work Folders.
- Plan and implement an AD RMS deployment, plan and manage AD RMS templates and access, and plan and implement external access to AD RMS services.

Курсът е предназначен за (Audience):

- This course is intended for Information Technology (IT) professionals who are responsible for planning, designing and deploying a physical and logical Windows

Server 2012 enterprise and Active Directory Domain Services (AD DS) infrastructures including the network services. Candidates would typically have experience of previous Windows Server operating systems and have Windows Server 2012 certification (MCSA) or equivalent skills.
The secondary audience for this course will be candidates are IT professionals who are looking to take the exam 70-414: Implementing an Advanced Enterprise Server Infrastructure, as a stand-alone, or as part of the requirement for the MCSE certification.

Формат на курса



Присъствен Курс



Онлайн (Live)
Отдалечен

Език на курса (Course Language Option)



Български
(Bulgarian)



Английски
(English)

Може да изберете Език на който да се проведе обучението – български или английски. Всичките ни инструктори владеят свободно английски език.

Учебни Метериали: в електронен формат (Учебните материали са на английски), включени в цената с неограничен достъп.

Лабораторна среда: всеки курсист разполага със собствена лаб среда, където се провеждат упражненията, част от курса.

Видео Архив (24/7)

Сертификат за
Завършен Курс

Продължителност (Course Duration):

- 5 работни дни (09:00 – 17:00)

или

- **40 уч.ч. обучение (теория и практика) в извънработно време с продължителност 4 седмици**
- събота и неделя 10:00 – 14:00, 14:00 – 18:00, 18:00 – 22:00

- понеделник и сряда 19:00 – 23:00
- вторник и четвъртък 19:00 – 23:00

Плащане

За този курс може да ползвате и платите с Microsoft Software Assurance Training Vouchers

Заявка за издаване на фактура се приема към момента на записването на съответния курс.

Фактура се издава в рамките на 7 дни от потвърждаване на плащането.

Предстоящи Курсове (Next Class):

[tribe_events_list category=”microsoft”]

За повече информация използвайте формата за контакт.

Ще се свържем с Вас за потвърждаване на датите.

Предпоставки (Изисквания) за Участие (Prerequisites):

- An understanding of TCP/IP and networking concepts.
- An understanding of Windows Server 2012 and AD DS, including planning, designing and deploying.
- An understanding of scripts and batch files.
- An understanding of security concepts such as authentication and authorization.
- An understanding of deployment, packaging, and imaging tools.
- Experience working in a team or a virtual team.
- Achieved the Windows Server 2012 MCSA certification as well as information in the course 20413C: Designing and Implementing an Enterprise Server Infrastructure.

Курсът подготвя за следните сертификационни нива

- # 70-414 Implementing an Advanced Server Infrastructure

- Може да се сертифицирате в нашия тест център с ваучер с отстъпка от цената на изпит.