



Exam 70-646:

Pro: Windows Server 2008, Server Administrator

Who should attend this course?

A server administrator is responsible for the operations and day-to-day management of an infrastructure of servers for an enterprise organisation. Windows server administrators manage the infrastructure, Web, and IT application servers. The Windows server administrators use scripts and batch files written by others or those that they occasionally write themselves to accomplish tasks on a regular basis. They conduct most server management tasks remotely by using Terminal Server or administration tools installed on their local workstation. A server administrator's primary tasks include:

- Managing the server operating system, file, and directory services
- Software distribution and updates
- Profiling and monitoring assigned servers
- Troubleshooting

Server administrators also support engineering projects. Server administrators are responsible for server builds and configuration.

Duration

5 days (full time)

9:00am – 4:30pm Monday to Friday (lunch and refreshments provided)

Why Inspired Training Solutions

Inspired Training Solutions is a sister company to the Inspire Recruitment Group of specialist recruitment businesses practicing in IT/Telco, Sales, Engineering & Construction.

It was born out of demand from our candidates asking for advice in the tough economic climate regarding how they can make themselves more desirable to current and future employers. We have brought together some of the industries best trainers and careers representatives to provide practical courses, that are designed around the student.

Course Content

The course consists of practical exercises that build your understanding and experience of a Windows Server 2008 Server Administrator, while preparing you for the Microsoft 70-646 certification exam.

Planning for Server Deployment (Day 1)

- Plan server installations and upgrades. May include but is not limited to: Windows Server 2008 edition selection, rollback planning, Bitlocker implementation requirements
- Plan for automated server deployment. May include but is not limited to: standard server image, automation and scheduling of server deployments
- Plan infrastructure services server roles. May include but is not limited to: address assignment, name resolution, network access control, directory services, application services, certificate services
- Plan application servers and services. May include but is not limited to: virtualization server planning, availability, resilience, and accessibility
- Plan file and print server roles. May include but is not limited to: access permissions, storage quotas, replication, indexing, file storage policy, availability, printer publishing

Planning for Server Management (Day 2)

- Plan server management strategies. May include but is not limited to: remote administration, remote desktop, server management technologies, Server Manager and ServerManagerCMD, delegation policies and procedures
- Plan for delegated administration. May include but is not limited to: delegate authority, delegate Active Directory objects, application management
- Plan and implement group policy strategy. May include but is not limited to: GPO management, GPO backup and recovery, group policy troubleshooting, group policy planning

Monitoring and Maintaining Servers (Day 3)

- Implement patch management strategy. May include but is not limited to: operating system patch level maintenance, Windows Server Update Services (WSUS), application patch level maintenance
- Monitor servers for performance evaluation and optimization. May include but is not limited to: server and service monitoring, optimization, event management, trending and baseline analysis
- Monitor and maintain security and policies. May include but is not limited to: remote access, monitor and maintain NPAS, network access, server security, firewall rules and policies, authentication and authorization, data security, auditing

Planning Application and Data Provisioning (Day 4)

- Provision applications. May include but is not limited to: presentation virtualization, terminal server infrastructure, resource allocation, application virtualization alternatives, application deployment, System Center Configuration Manager
- Provision data. May include but is not limited to: shared resources, offline data access

Planning for Business Continuity and High Availability (Day 5)

- Plan storage. May include but is not limited to: storage solutions, storage management
- Plan high availability. May include but is not limited to: service redundancy, service availability. Plan for backup and recovery. May include but is not limited to: data recovery strategy, server recovery strategy, directory service recovery strategy, object level recovery

For more information on all our courses please visit our website www.inspiredtraining.com.au and if you need to speak to one of our advisers email enquiries@inspiredtraining.com.au