

# Course : Windows 2012, implementing Remote Desktop Services

*Practical course - 3d - 21h00 - Ref. DRD*

*Price : 1800 € E.T.*

This course will enable you to get to grips with the main new features of Remote Desktop Services under Windows 2012 and R2 (Release 2). In particular, you'll see the new administration consoles, RDS implementation, administration and day-to-day use.

## Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Install and configure Remote Desktop Services (RDS)
- ✓ Set up and configure remote connection clients
- ✓ Unified configuration via GPO
- ✓ Diagnose and troubleshoot remote desktop problems

## Intended audience

System/network technician. Windows administrator.

## Prerequisites

Good knowledge of Windows Server 2012 and Active Directory.

## Course schedule

### 1 Principle and functions

- RDS (Remote Desktop Services) architecture.
- Features and interactions.
- The RDS role and its role services.

### 2 Remote desktop service configuration

- RDS (Remote Desktop Services) architecture.
- Remote desktop services license manager.
- Broker service for remote desktop connections.
- Server installation and prerequisites.

### Hands-on work

Installation and activation of a license server.

#### PARTICIPANTS

System/network technician.  
Windows administrator.

#### PREREQUISITES

Good knowledge of Windows Server 2012 and Active Directory.

#### TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

#### ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

### 3 Customer connection and service management

- Local files, connecting local resources.
- RDP files, Terminal Server profiles.
- Remote Desktop Connection (RDC) service.
- Connect local resources.
- Automatic authentication (SSO).
- Management tools for terminal services.
- WSRM (Windows System Resource Manager) configuration.

#### Hands-on work

Set up and configure remote connection clients.

### 4 Configuring Remote Desktop Services using GPOs

- GPOs for Remote Desktop Services
- Setting up user environments via GPOs.

### 5 Terminal Server and TS Gateway Web access

- Introduction to Web Terminal and TS Gateway access.
- Remote access to the Terminal Server service and its constraints.
- The role of connection authorization policies (CAP).
- TS Gateway installation.
- The Remote Desktop Service Gateway role.
- Web Access server: prerequisites, installation and settings.

### 6 Optimization and maintenance

- Problems encountered.
- Log observation.
- The different resolution methods.
- User connection monitoring.
- Necessary tools (performance analyzer, event observer, etc.).

#### Hands-on work

Use the performance analyzer, event viewer and administration tools to diagnose and troubleshoot remote desktop problems.

#### TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

#### TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

#### ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at [psh-accueil@orsys.fr](mailto:psh-accueil@orsys.fr) to review your request and its feasibility.