

Customer Training Catalog Course Descriptions CN OSS



HUAWEI
HUAWEI Learning Service
2015



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1.1 Training Course Descriptions

CN OSS Training Courses are designed as follows:

Code	Training Courses	Level	Duration (working days)	Training Location	Class Size
iManager M2000 Training Courses					
ONW11	iManager M2000 System Overview	I	0.5		6 ~ 12
ONW22	iManager M2000 Client Management	II	1.5		6 ~ 12
ONW13	iManager M2000 System Solution and Networking	I	0.5		6 ~ 12
ONW30	iManager M2000 Operation System and Database Management (SUN)	III	1		6 ~ 12
ONW25	iManager M2000 Server Operation and Maintenance (SUN HA)	III	1		6 ~ 12
ONW27	iManager M2000 Administrator Operation	III	2.5		6 ~ 12
ONW17	iManager M2000V2 System Overview - ATAE Cluster	I	0.5		6 ~ 12
ONW36	iManager M2000 Operation System and Database Management (ATAE Cluster)	III	1		6 ~ 12
ONW29	iManager M2000V2 ATAE Cluster Server Operation and Maintenance	III	1.5		6 ~ 12
PRS Training Courses					
ONW15	Performance Report System Overview	I	0.5		6 ~ 12
ONW35	Performance Report System Operation	III	1.5		6 ~ 12
iManager U2000 Training Courses					
ONW31	iManager U2000 System Overview	I	0.5		6 ~ 12
ONW32	iManager U2000 Client Management	II	1.5		6 ~ 12
ONW33	iManager U2000 System Solution and Networking	I	0.5		6 ~ 12
ONW37	iManager U2000 Administrator Operation	III	4.5		6 ~ 12
ONW38	iManager U2000V2 System Overview - ATAE Cluster	I	0.5		6 ~ 12
ONW40	iManager U2000V2 ATAE Cluster Server Operation and Maintenance	III	1.5		6 ~ 12



1.2 iManager M2000 Training Course Descriptions

1.2.1 ONW11 iManager M2000 System Overview



Objectives

On completion of this course, the participants will be able to:

- Know the system structure of M2000 system
- State the functions of M2000 system
- Conduct basic operations on M2000 client

Target Audience

Network monitor

Prerequisites

- Being familiar with MS Windows Operation System
- A basic knowledge of mobile communications

Content

- Introduction to M2000
- System Structure
- Main Functions
- System Typical Configuration

Training Methods

Lectures

Duration

0.5 working day

Class Size

Min 6, max 12

1.2.2 ONW22 iManager M2000 Client Management



Objectives

On completion of this course, the participants will be able to:

- Construct and manage the topology structure of the entire network
- Learn and monitor the running status of the entire network by browsing the topology view
- Describe Fault Management Basic Concept
- Outline Handling Alarm Procedure
- Complete Handling Alarm tasks
- Describe the role of performance management in the M2000
- Perform performance management operations
- Describe M2000 configuration management module function
- Complete daily maintenance tasks through MIT and LMT

Target Audience

M2000 system manager

Prerequisites

- Being familiar with MS Windows Operation System
- A basic knowledge of mobile communications

Content

- Basic Concept of Topology Management
- Creating a Physical Subnet
- Creating a Physical NE
- Monitoring an NE
- Adjusting the Network Topology
- Fault Management Basic Concept
- Fault Management Routine Operation
- Basic Concept of Performance Management
- Preferences Settings
- Database Capacity Parameters
- Measurement Management
- Custom Counter Management

- Querying Performance Measurement Results
- Missing Result Diagnosis Tool
- Other Functions
- Related Concepts of Configuration Management
- Configuration Management
- MML Commands
- Set topology background as “world.gif”
- Exporting Data to File
- Create physical NE
- Manage topology view
- Delete physical NE
- Delete subnet
- Monitor and query alarms
- Perform M2000 alarm statistic and export statistic result
- Set M2000alarm notification
- Set M2000 alarm auto acknowledge
- Set the Correlation Analysis of Two Alarms
- Set M2000 current alarm lifecycle
- Perform M2000alarm manual dump
- Set one custom counter management
- Query performance measurement result
- Set performance monitoring and alarm
- Create and use performance management template to perform MSS Outgoing Times CPU Usage result querying
- Full performance procedure
- Query NEs configuration information through MIT
- Perform NE configuration operation
- Query related report
- Startup configuration management

Training Methods

Lectures, Hands-on Exercise

Duration

1.5 working days

Class Size

Min 6, max 12

1.2.3 ONW13 iManager M2000 System Solution and Networking



Objectives

On completion of this course, the participants will be able to:

- Understand the related concept about M2000
- Master the M2000 system architecture
- Understand the M2000 system networking

Target Audience

Network monitor

Prerequisites

- Being familiar with MS Windows Operation System
- A basic knowledge of mobile communications

Content

- Introduction to M2000
- M2000 Network Solution
- M2000 Software Architecture
- M2000 Hardware Components
- M2000 System Networking

Training Methods

Lectures

Duration

0.5 working day

Class Size

Min 6, max 12

1.2.4 ONW30 iManager M2000 Operation System and Database Management (SUN)



Objectives

On completion of this course, the participants will be able to:

- Outline the features of UNIX
- Perform basic operation of UNIX
- Perform the user management
- Describe the concept of file system
- List useful commands for file management
- Perform the basic UNIX system administration
- Outline the main features and basic concepts of Sybase
- Start, shutdown, backup and restore Sybase database
- Describe basic SQL language
- Describe the logical, hardware, and software structure of the local HA solution of the M2000
- List the components of the M2000
- List the types of M2000 users

Target Audience

M2000 Server maintenance engineer

Prerequisites

- Master Solaris basic operations
- Master Sybase database basic operations

Content

- Features of UNIX
- Basic Operation of UNIX
- File System Management
- User Management
- Resource Management
- Network Management
- Restart and Shutdown the UNIX
- Sybase Database Introduction
- Sybase Basic Concepts
- Practical Program
- SQL Server Start and Shut down
- T-SQL Language
- Sybase Backup and Recovery

Training Methods

Lectures, Hands-on Exercise

Duration

1 working day

Class Size

Min 6, max 12

1.2.5 ONW23 iManager M2000 Server Operation and Maintenance (SUN)



Objectives

On completion of this course, the participants will be able to:

- Describe M2000 SUN Single Server network system structure, logical, hardware, software structure
- List M2000 server file system composing
- List M2000 system user type
- Perform powering on/powering off the M2000, monitoring system status, M2000 database management, system backup and restore
- Perform M2000 routine maintenance tasks

Target Audience

M2000 Server maintenance engineer

Prerequisites

- Master Solaris basic operations

- Master Sybase database basic operations

Content

- M2000 SUN single server system overview
- M2000 system power on and power off
- M2000 system users management
- M2000 daily/monthly/yearly maintenance operations

Training Methods

Lectures, Hands-on Exercise

Duration

0 working day

Class Size

Min 6, max 12

1.2.6 ONW25 iManager M2000 Server Operation and Maintenance (SUN HA)



Objectives

On completion of this course, the participants will be able to:

- Describe M2000 SUN HA network system structure, logical, hardware, software structure
- List M2000 server file system composing
- List M2000 system user type
- Perform powering on/powering off the M2000, managing cluster resources, monitoring system status, M2000 database management, system backup and restore
- Perform M2000 routine maintenance tasks

Target Audience

M2000 Server maintenance engineer

Prerequisites

- Master Solaris basic operations
- Master Sybase database basic operations

Content

- M2000 SUN HA system overview
- M2000 system power on and power off
- M2000 system users management
- M2000 cluster resources management
- M2000 daily/monthly/yearly maintenance operations
- Query the directory for storing third-party software and write down the third-party software
- Query the directory for storing mediation files and write down the mediation files
- Query the directory for storing the output files such as system logs and write down the system log file names

- Query the directory for storing backup files of dynamic data and write down the files
- Start the M4000 or M5000 Servers (Optional, according to the existing equipment and condition to fulfill this task)
- Shut down the M4000 or M5000 Servers (Optional, according to the existing equipment and condition to fulfill this task)
- Switch the user between user root and user dbuser
- Query the configured resources and write down the resources
- Check the connection between the M2000 and NEs and write down the connection status of NEs
- Check Solaris error logs and write down the error logs
- Check the disk usage of the M2000 server
- Set the system backup period as every day 1 time
- Check the disk status of the M2000
- Check and set the timeout for stopping the M2000 application resources
- Check and write down the version information on the Sun cluster

Training Methods

Lectures, Hands-on Exercise

Duration

1 working day

Class Size

Min 6, max 12

1.2.7 ONW25 iManager M2000 Server Operation and Maintenance



Objectives

On completion of this course, the participants will be able to:

- Describe M2000 SUN network system structure, logical, hardware, software structure
- List M2000 server file system composing
- List M2000 system user type
- Perform powering on/powering off the M2000, managing cluster resources, monitoring system status, M2000 database management, system backup and restore
- Perform M2000 routine maintenance tasks

Target Audience

M2000 Server maintenance engineer

Prerequisites

- Master Solaris basic operations
- Master Sybase database basic operations

Content

- M2000 SUN HA system overview
- M2000 system power on and power off
- M2000 system users management
- M2000 cluster resources management
- M2000 daily/monthly/yearly maintenance operations
- Query the directory for storing third-party software and write down the third-party software
- Query the directory for storing mediation files and write down the mediation files
- Query the directory for storing the output files such as system logs and write down the system log file names

- Query the directory for storing backup files of dynamic data and write down the files
- Start the M4000 or M5000 Servers (Optional, according to the existing equipment and condition to fulfill this task)
- Shut down the M4000 or M5000 Servers (Optional, according to the existing equipment and condition to fulfill this task)
- Switch the user between user root and user dbuser
- Query the configured resources and write down the resources
- Check the connection between the M2000 and NEs and write down the connection status of NEs
- Check Solaris error logs and write down the error logs
- Check the disk usage of the M2000 server
- Set the system backup period as every day 1 time
- Check the disk status of the M2000
- Check and set the timeout for stopping the M2000 application resources
- Check and write down the version information on the Sun cluster

Training Methods

Lectures, Hands-on Exercise

Duration

1 working day

Class Size

Min 6, max 12

1.2.8 ONW27 iManager M2000 Administrator Operation



Objectives

On completion of this course, the participants will be able to:

- Explain the meaning of O
- M user, NE user, mode 1, mode 2 NE
- Manage OM user and NE user
- Set security policy parameters
- Monitor the user status
- Master the concept related to log management
- Master how to perform the log management from client and server
- Perform Software Upgrading Procedure
- Perform Mediation Software Installation Procedure
- Outline the M2000 backup and restore data type
- Describe the solutions of M2000 data backup and restore
- Describe the topology, procedure of M2000 data backup and restore solutions
- Complete backing up the M2000 data operations
- Complete restoring the M2000 data operations
- Perform M2000 troubleshooting
- Customize MML Authority
- Monitor OM Users
- Basic Knowledge of log Management
- Log Operation from Client
- Log Operation from Server
- M2000 software updating and mediation installation overview
- M2000 software updating and mediation installation operations and commissioning
- M2000 system backup and restoring overview
- M2000 system backup and restoring tools introduction
- M2000 system backup and restoring operations
- Dangerous Operations in M2000 system
- M2000 Trouble Shooting
- Operation System and Database Trouble Shooting
- ShootingM2000 security management basic concepts
- M2000 system security management and maintenance
- M2000 system backup and restoring overview
- M2000 system backup and restoring tools introduction
- M2000 system backup and restoring operations
- M2000 system normal fault analysis and processing procedure
- M2000 troubleshooting case analysis

Target Audience

M2000 Server maintenance engineer

Prerequisites

- Being familiar with MS Windows Operation System
- A basic knowledge of mobile communications

Content

- Security Management Overview
- Set M2000 system security parameter
- Create OM Users
- Manage OM User
- Manage NE Users

Training Methods

Lectures, Hands-on Exercise, Demo, case analysis and discussion

Duration

2.5 working days

Class Size

Min 6, max 12

1.2.9 ONW17 iManager M2000V2 System Overview - ATAE Cluster



Objectives

On completion of this course, the participants will be able to:

- Describe the basic concepts and principles of ATAE cluster
- Describe the ATAE hardware structure and its function
- Map between principles and the corresponds hardware module
- Master the networking and typical application scenario of ATAE Cluster scheme

Target Audience

Personnel who require a general knowledge of iManager M2000V2 ATAE Cluster system

Prerequisites

- Having basic knowledge in telecommunication

Content

- Describe the overall hardware architecture and function of ATAE Cluster
- Master the overall software architecture and principle of ATAE Cluster
- Describe the networking, storage and cluster scheme of ATAE Cluster

Training Methods

Lectures

Duration

0.5 working day

Class Size

Min 6, max 12

1.2.10 ONW36 iManager M2000 Operation System and Database Management (ATAE Cluster)



Objectives

On completion of this course, the participants will be able to:

- Describe Oracle storage and SQL language
- Describe M2000 database
- Perform the M2000 database Usage viewing
- Describe the concept and features of SUSE Linux system
- Perform common operating system commands

Target Audience

M2000 Server maintenance engineer

Prerequisites

- Having basic knowledge in telecommunication

Content

- Oracle Database Overview
- Oracle Storage Overview

- Oracle SQL Language Introduction
- Oracle SQL DML Operation
- Oracle SQL*Plus Introduction
- M2000 Database Introduction
- M2000 Oracle User Introduction
- M2000 Database Usage Viewing

Training Methods

Lectures, Hands-on Exercise

Duration

1 working day

Class Size

Min 6, max 12

1.2.11 ONW29 iManager M2000V2 ATAE Cluster Server Operation and Maintenance



Objectives

On completion of this course, the participants will be able to:

- Describe the system structure and basic function of OSMU
- Master the system management of OSMU
- Master the equipment management, service management, software management, general maintenance OSMU
- Master the method to backup and restore the different data types of ATAE Cluster
- Describe Northbound Interface Definition and Function
- Perform Northbound Interface Interconnection Commissioning
- Handle Northbound Interface Common Troubleshooting
- Explain the meaning of O
- M user, NE user, mode 1, mode 2 NE
- Manage OM user and NE user
- Set security policy parameters
- Monitor the user status

Target Audience

Personnel who works on M2000 server administration

Prerequisites

- Having basic knowledge of M2000V2 ATAE Cluster platform
- Having basic knowledge of M2000

Content

- Configure, monitor, maintenance and collect information of hardware
- Switch board and storage
- Install and upgrade M2000 server software, mediation and license
- Commission NBI

- Manage the PRS system on ATAE Cluster
- Manage and maintenance processes of board level or system level
- Manage multi-task of all status
- Collect health information
- Collect ESN and troubleshooting information
- Maintenance time, route and password of the system
- Manage the OSMU board
- Master the principle of backup and restore
- Describe the scenarios for backup and restore
- Backup and restore OS, static and dynamic data
- Backup and restore data of OSMU
- Northbound Interface Definition and Classification
- CORBA Interface Introduction
- Inventory File Interface Introduction
- SNMP Interface Introduction
- XML Interface Introduction
- CORBA Interface Interconnection Commissioning
- Inventory File Interface Interconnection Commissioning
- SNMP Interface Interconnection Commissioning
- XML Interface Interconnection Commissioning
- Log in OSMU
- Power on and power off the device boards
- Obtain board details
- Stop OSS system services
- Start OSS system services
- M2000 mediation installation
- Query software source
- Query and modify time zone
- Collect ESN information
- Download running logs
- Log in OSMU

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- Create OSMU system (OSMU data) backup task
 - Create OSS application data (static data) backup task
 - Create DB application data (static data) backup task
 - Create OS data backup task (server board)
 - Create OS data backup task (IO board)
 - Perform OS data restoration operation
 - Security Management Overview
 - Set M2000 system security parameter
 - Create OM Users

- Manage OM User
- Manage NE Users
- Customize MML Authority
- Monitor OM Users

Training Methods

Lectures, Hands-on Exercise

Duration

1.5 working days

Class Size

Min 6, max 12

1.3 PRS Training Course Descriptions

1.3.1 ONW15 Performance Report System Overview



Objectives

On completion of this course, the participants will be able to:

- Describe PRS Network Topology
- Describe Architecture of PRS
- Describe Functions of PRS
- Perform Typical Configurations of PRS
- Describe Technical Specifications of PRS

Target Audience

Network Performance analyzing and maintenance engineer

Prerequisites

- Being familiar with MS Windows Operation System
- A basic knowledge of mobile communications

Content

- PRS Network Topology
- Architecture of PRS
- Functions of PRS
- Typical Configurations of PRS
- Technical Specifications of PRS

Training Methods

Lectures

Duration

0.5 working day

Class Size

Min 6, max 12

1.3.2 ONW35 Performance Report System Operation



Objectives

On completion of this course, the participants will be able to:

- Master how to power on and power off the PRS, set the server parameters for the PRS system, manage the clients of the PRS system, manage PRS system logs, monitor the PRS system, manage PRS processes and services, manage the PRS system database, manage files and disks of the PRS system
- Know routine maintenance of the PRS System

Target Audience

Network Performance analyzing and maintenance engineer

Prerequisites

- Being familiar with MS Windows Operation System
- A basic knowledge of mobile communications

Content

- Routine Operations on PRS Client
- Preference Related to Performance Report

- Managing Engineering Parameters
- Managing KPIs
- Managing Customized Performance Reports
- Generating a Performance Report File on Schedule
- Monitoring the Performance of the Network
- PRS Web System
- Managing Files and Disks of PRS Server
- Monitoring PRS Server with PRS Client
- Managing PRS Logs
- Managing PRS Users
- Managing PRS System Processes and Services
- Managing PRS Database
- Back Up and Restoring PRS system

Training Methods

Lectures, Hands-on Exercise

Duration

1.5 working days

Class Size

Min 6, max 12

1.4 iManager U2000 Training Course Descriptions

1.4.1 ONW31 iManager U2000 System Overview



Objectives

On completion of this course, the participants will be able to:

- Know the system structure of U2000 system
- State the functions of U2000 system
- Conduct basic operations on U2000 client

Target Audience

Network monitor

Prerequisites

- Being familiar with MS Windows Operation System
- A basic knowledge of mobile communications

Content

- Introduction to U2000
- System Structure
- Main Functions
- System Typical Configuration

Training Methods

Lectures

Duration

0.5 working day

Class Size

Min 6, max 12

1.4.2 ONW32 iManager U2000 Client Management



Objectives

On completion of this course, the participants will be able to:

- Construct and manage the topology structure of the entire network
- Learn and monitor the running status of the entire network by browsing the topology view
- Describe Fault Management Basic Concept
- Outline Handling Alarm Procedure
- Complete Handling Alarm tasks
- Describe the role of performance management in the U2000
- Perform performance management operations
- Describe U2000 configuration management module function
- Complete daily maintenance tasks through MIT and LMT

Target Audience

U2000 system manager

Prerequisites

- Being familiar with MS Windows Operation System
- A basic knowledge of mobile communications

Content

- Basic Concept of Topology Management
- Creating a Physical Subnet
- Creating a Physical NE
- Monitoring an NE
- Adjusting the Network Topology
- Fault Management Basic Concept
- Fault Management Routine Operation
- Basic Concept of Performance Management
- Preferences Settings
- Database Capacity Parameters
- Measurement Management
- Custom Counter Management

- Querying Performance Measurement Results
- Missing Result Diagnosis Tool
- Other Functions
- Related Concepts of Configuration Management
- Configuration Management
- MML Commands
- Set topology background as “world.gif”
- Exporting Data to File
- Create physical NE
- Manage topology view
- Delete physical NE
- Delete subnet
- Monitor and query alarms
- Perform U2000 alarm statistic and export statistic result
- Set U2000alarm notification
- Set U2000 alarm auto acknowledge
- Set the Correlation Analysis of Two Alarms
- Set U2000 current alarm lifecycle
- Perform U2000alarm manual dump
- Set one custom counter management
- Query performance measurement result
- Set performance monitoring and alarm
- Create and use performance management template to perform MSS Outgoing Times CPU Usage result querying
- Full performance procedure
- Query NEs configuration information through MIT
- Perform NE configuration operation
- Query related report
- Startup configuration management

Training Methods

Lectures, Hands-on Exercise

Duration

1.5 working days

Class Size

Min 6, max 12

1.4.3 ONW33 iManager U2000 System Solution and Networking



Objectives

On completion of this course, the participants will be able to:

- Understand the related concept about U2000
- Master the U2000 system architecture
- Understand the U2000 system networking

Target Audience

Network monitor

Prerequisites

- Being familiar with MS Windows Operation System
- A basic knowledge of mobile communications

Content

- Introduction to U2000
- U2000 Network Solution
- U2000 Software Architecture
- U2000 Hardware Components
- U2000 System Networking

Training Methods

Lectures

Duration

0.5 working day

Class Size

Min 6, max 12

1.4.4 ONW37 iManager U2000 Administrator Operation



Objectives

On completion of this course, the participants will be able to:

- Explain the meaning of OM user, NE user, mode 1, mode 2 NE
- Manage OM user and NE user
- Set security policy parameters
- Monitor the user status
- Describe the classification of the northbound interfaces
- Describe the function of the northbound interfaces
- Master the concept related to log management
- Master how to perform the log management from client and server
- Perform Software Upgrading Procedure
- Perform Mediation Software Installation Procedure
- Outline the U2000 backup and restore data type
- Describe the solutions of U2000 data backup and restore
- Describe the topology, procedure of U2000 data backup and restore solutions
- Complete backing up the U2000 data operations
- Complete restoring the U2000 data operations
- Perform U2000 troubleshooting
- Set U2000 system security parameter
- Create OM Users
- Manage OM User
- Manage NE Users
- Customize MML Authority
- Monitor OM Users
- TMN Hierarchical Structure
- Northbound Interfaces and Classification
- Basic Knowledge of log Management
- Log Operation from Client
- Log Operation from Server
- Software Upgrading Procedure
- Mediation Software Installation Procedure
- U2000 Backup and Restore Solution Introduction
- Backing up the U2000 Data
- Restoring the U2000 Data
- Dangerous Operations in U2000 system
- U2000 Trouble Shooting
- U2000 security management basic concepts
- U2000 system security management and maintenance
- U2000 system backup and restoring overview
- U2000 system backup and restoring tools introduction
- U2000 system backup and restoring operations
- U2000 system normal fault analysis and processing procedure
- U2000 troubleshooting case analysis

Target Audience

U2000 Server maintenance engineer

Prerequisites

- Being familiar with MS Windows Operation System
- A basic knowledge of mobile communications

Content

- Security Management Overview

Training Methods

Lectures, Hands-on Exercise, Demo, case analysis and discussion

Duration

4.5 working days

Class Size

Min 6, max 12

1.4.5 ONW38 iManager U2000V2 System Overview - ATAE Cluster



Objectives

On completion of this course, the participants will be able to:

- Describe the basic concepts and principles of ATAE cluster
- Describe the ATAE hardware structure and its function
- Map between principles and the corresponds hardware module
- Master the networking and typical application scenario of ATAE Cluster scheme

Target Audience

Personnel who require a general knowledge of iManager U2000V2 ATAE Cluster system

Prerequisites

- Having basic knowledge in telecommunication

Content

- Introduction to ATAE Cluster
- Hardware Structure
- ATAE Cluster Scheme

Training Methods

Lectures

Duration

0.5 working day

Class Size

Min 6, max 12

1.4.6 ONW40 iManager U2000V2 ATAE Cluster Server Operation and Maintenance



Objectives

On completion of this course, the participants will be able to:

- Describe the system structure and basic function of OSMU
- Master the system management of OSMU
- Master the equipment management, service management, software management, general maintenance OSMU
- Master the method to backup and restore the different data types of ATAE Cluster
- Describe the classification of the northbound interfaces
- Describe the function of the northbound interfaces
- Describe Northbound Interface Definition and Function
- Describe File Interface Classification and Function
- Perform File Interface Interconnection Commissioning
- Explain the meaning of O
- M user, NE user, mode 1, mode 2 NE
- Manage OM user and NE user
- Set security policy parameters
- Monitor the user status

Target Audience

Personnel who works on U2000 server administration

Prerequisites

- Having basic knowledge of U2000V2 ATAE Cluster platform
- Having basic knowledge of U2000

Content

- Configure, monitor, maintenance and collect information of hardware

- Switch board and storage
- Install and upgrade U2000 server software, mediation and license
- Commission NBI
- Manage the PRS system on ATAE Cluster
- Manage and maintenance processes of board level or system level
- Manage multi-task of all status
- Collect health information
- Collect ESN and troubleshooting information
- Maintenance time, route and password of the system
- Manage the OSMU board
- Master the principle of backup and restore
- Describe the scenarios for backup and restore
- Backup and restore OS, static and dynamic data
- Backup and restore data of OSMU
- TMN Hierarchical Structure
- Northbound Interfaces and Classification
- Log in OSMU
- Power on and power off the device boards
- Obtain board details
- Stop OSS system services
- Start OSS system services
- U2000 mediation installation
- Query software source
- Query and modify time zone
- Collect ESN information
- Download running logs
- Northbound Interface and File Interface Overview
- Inventory File Interface Introduction
- Alarm File Interface Introduction
- Performance File Interface Introduction
- NE License File Interface Introduction
- Configuration File Interface Introduction
- Security Management Overview

-
- Set U2000 system security parameter
 - Create OM Users
 - Manage OM User
 - Manage NE Users
 - Customize MML Authority
 - Monitor OM Users
 - U2000 security management basic concepts
 - U2000 system security management and maintenance

Training Methods

Lectures, Hands-on Exercise

Duration

2.5 working days

Class Size

Min 6, max 12

