



Customer Training Catalog Training Programs CN OSS



HUAWEI
HUAWEI Learning Service
2015

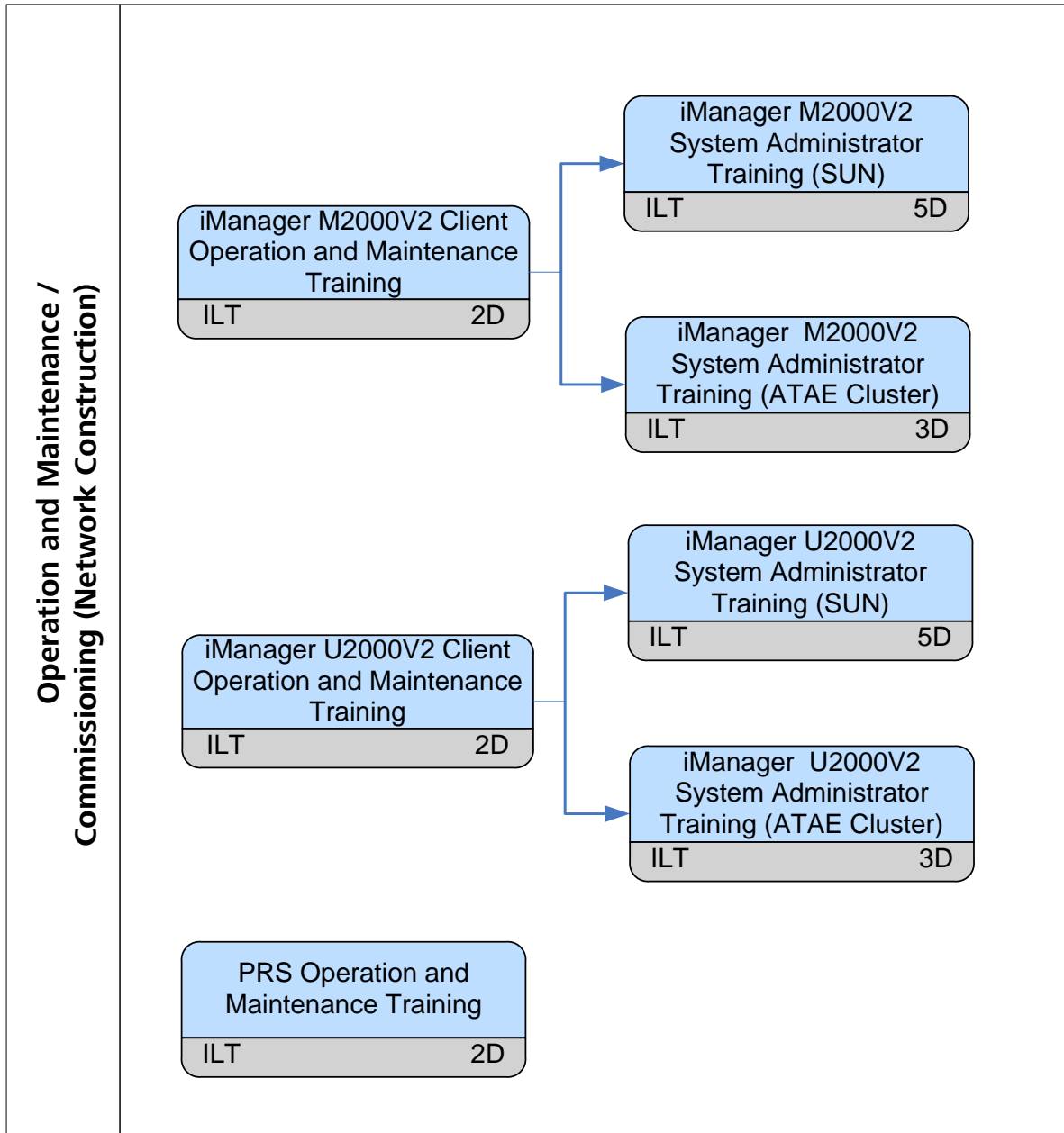


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1 Training Path

1.1 iManager M2000 Training Path



2 Training Programs

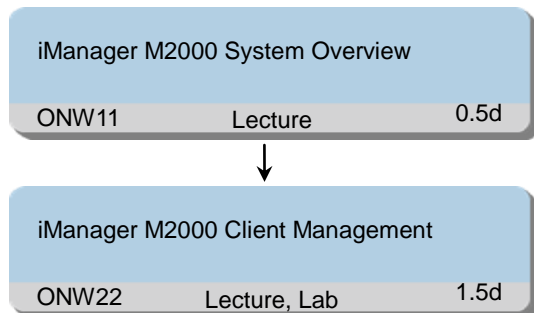
CN OSS Training Programs are designed as follows:

Training Programs	Level	Duration (working days)	Training Location	Class Size
iManager M2000				
iManager M2000V2 Client Operation and Maintenance Training	II	2		6 ~ 12
iManager M2000V2 System Administrator Training (SUN)	III	5		6 ~ 12
iManager M2000V2 System Administrator Training (ATAE Cluster)	III	3		6 ~ 12
PRS				
PRS Operation and Maintenance Training	III	2		6 ~ 12
iManager U2000				
iManager U2000V2 Client Operation and Maintenance Training	II	2		6 ~ 12
iManager U2000V2 System Administrator Training (SUN)	III	5		6 ~ 12
iManager U2000V2 System Administrator Training (ATAE Cluster)	III	3		6 ~ 12

2.1 iManager M2000 Training Programs

2.1.1 iManager M2000V2 Client Operation and Maintenance Training

Training Path



Target Audience

Network monitor
M2000 system manager

Prerequisites

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

Objectives

On completion of this program, 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
- 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

Duration

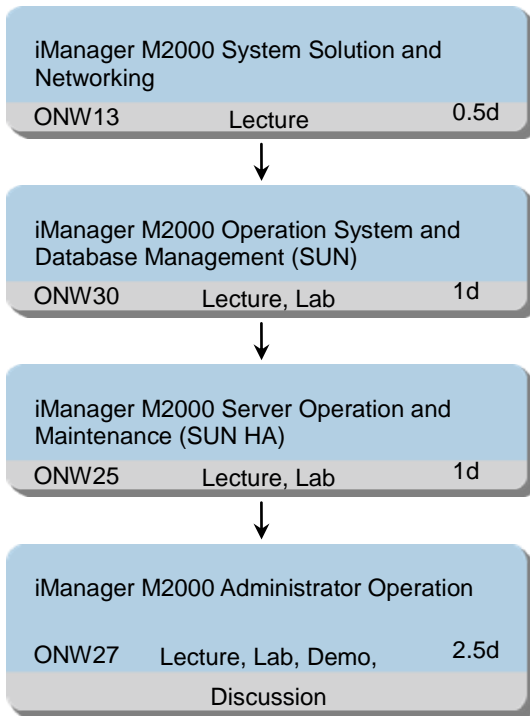
2 working days

Class Size

Min 6, Max 12

2.1.2 iManager M2000V2 System Administrator Training (SUN)

Training Path



Target Audience

M2000 Server maintenance engineer

Prerequisites

Master Solaris basic operations

Master Sybase database basic operations

Objectives

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

- Know M2000 hardware and software structure
- Describe M2000 software modules structure and modules functions
- List M2000 server typical configuration
- Describe M2000 server networking
- Describe Solaris 10 system management commands
- Describe files system structure
- Perform system management operation
- Describe Sybase15 database modules
- Describe Sybase15 database operation commands

- Implement start and stop data process
- Master how to import and export database
- 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
- 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
- Describe user type in M2000 system
- Master how to create, modify, delete user information
- Manage user group in M2000 system
- Manage user network right and operation right
- Complete monitor user state
- Complete M2000 system log management
- Master NEs status checking methods
- Describe M2000 system software structure
- Describe system software updating procedure and methods
- Perform NEs mediation software installation and updating
- Describe M2000 system Backup and Restore base knowledge
- Master how to backup and restore M2000 data
- Know the base knowledge of M2000 system emergency maintenance
- List M2000 system emergency scene
- Master the methods and steps of M2000 system emergency maintenance

- Know M2000 dangerous operations
- Master normal Trouble Shooting methods
- Describe Northbound interface functions in M2000 system

Duration

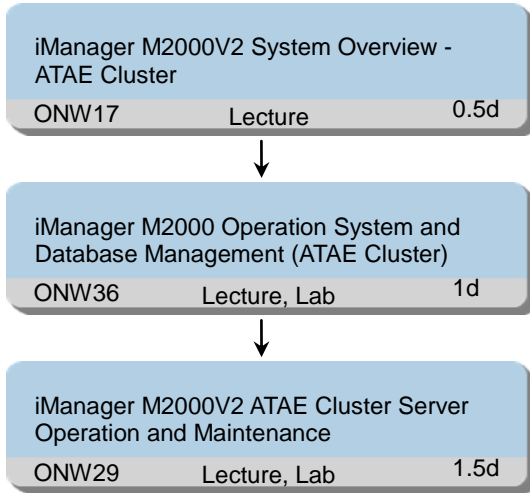
5 working days

Class Size

Min 6, Max 12

2.1.3 iManager M2000V2 System Administrator Training (ATAE Cluster)

Training Path



Target Audience

Network management operator

Prerequisites

Having basic knowledge in telecommunication and mobile communication

Objectives

On completion of this program, 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

- 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
- 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

Duration

3 working days

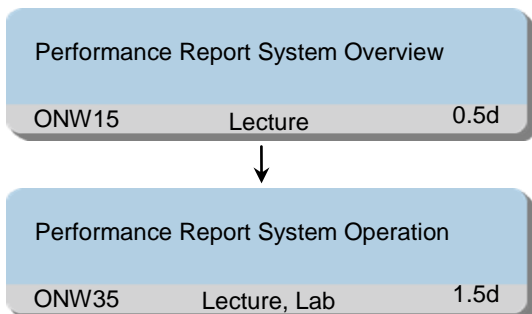
Class Size

Min 6, Max 12

2.2 PRS Training Programs

2.2.1 PRS Operation and Maintenance Training

Training Path



Target Audience

Network Performance analyzing and maintenance engineer

Prerequisites

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

Objectives

On completion of this program, 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
- 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

Duration

2 working days

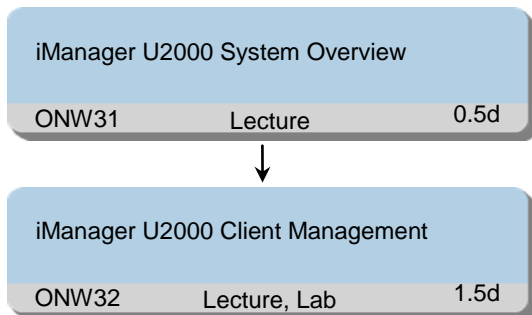
Class Size

Min 6, Max 12

2.3 iManager U2000 Training Programs

2.3.1 iManager U2000V2 Client Operation and Maintenance Training

Training Path



Target Audience

Network monitor
U2000 system manager

Prerequisites

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

Objectives

On completion of this program, 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
- 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

Duration

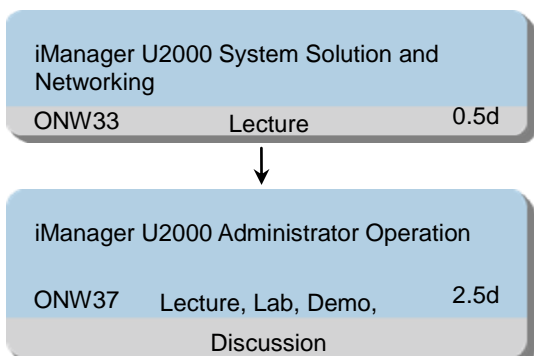
2 working days

Class Size

Min 6, Max 12

2.3.2 iManager U2000V2 System Administrator Training (SUN)

Training Path



Target Audience

U2000 Server maintenance engineer

Prerequisites

Master Solaris basic operations

Master Sybase database basic operations

Objectives

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

- Understand the related concept about U2000
- Master the U2000 system architecture
- Understand the U2000 system networking
- Describe the logical, hardware, and software structure of the local solution of the U2000
- List the components of the U2000
- Describe the function of the northbound interfaces
- List the types of U2000 users
- Describe U2000 SUN Server network system structure, logical, hardware, software structure
- List U2000 server file system composing
- List U2000 system user type

- Perform powering on/powering off the U2000, monitoring system status, U2000 database management, system backup and restore
- Perform U2000 routine maintenance tasks
- 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 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

Duration

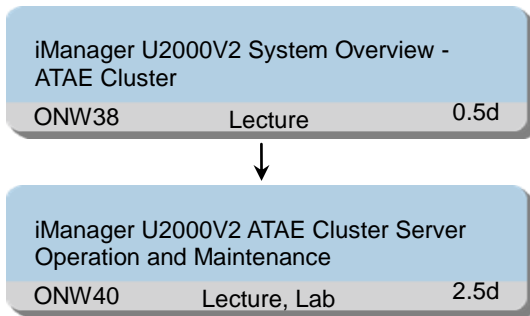
5 working days

Class Size

Min 6, Max 12

2.3.3 iManager U2000V2 System Administrator Training (ATAE Cluster)

Training Path



Target Audience

Network management operator

Prerequisites

Having basic knowledge in telecommunication and mobile communication

Objectives

On completion of this program, 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
- Outline the main features and basic concepts of Sybase
- Start, shutdown, backup and restore Sybase database
- Describe basic SQL language Describe the

concept and features of SUSE Linux system

- Perform common operating system commands
- 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 OM user, NE user, mode 1, mode 2 NE
- Manage OM user and NE user
- Set security policy parameters
- Monitor the user status

Duration

3 working days

Class Size

Min 6, Max 12

