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Sign up

Ivanti EMP : EndPoint Manager training

3 days (21 hours)

PRESENTATION

[Ivanti](#) EndPoint Manager training will enable you to effectively control your endpoints by providing secure storage of user profiles and devices.

During this course, you'll optimize your performance and the efficiency of your terminals.

You'll learn how to use all Ivanti EndPoint Manager functions, such as remote control and machine security.

You'll discover a host of new functionalities thanks to the various features offered by the Ivanti application, all designed to help your teams achieve their goals.

As with all our training courses, this one will be presented with the [latest version](#) Ivanti EndPoint Manager.

Objectives

- Install and configure an Ivanti EPM infrastructure
- Configuring and deploying an Ivanti agent
- Creating scheduled tasks with Ivanti EndPoint Manager
- Creating queries and scopes
- Create a preferred server and master content replication
- How to create an OSD template (WinPE) USB and PXE
- How to use Patch Management
- Create a package and deploy it within Ivanti
- Know how to use remote control via Remote Control WS

Target audience

- Infrastructure engineers
- System administrators
- Security administrators

Prerequisites

- Safety knowledge
- Knowledge of automation

Ivanti EPM training program

Day 1

Architecture and operation

- Feature overview
- Introduction to general architecture
- Overview of the administration console
- Configuring agents and agent parameters
- Agent deployment and methodology

Application cable TV

- Cable TV architecture
- Remote distribution workflow
- Packaging and repackaging
- Overview of deployment types (Push/Pull)
- Cable TV interface presentation
- Packet type support

Day 2

Application cable TV (continued)

- Creating a cable TV package
- Creating a scheduled task
- Adding targets (IVANTI and Active Directory requests)
- Scheduled tasks
- Agent parameters for cable TV
- Bandwidth optimization :
 - Peer Download
 - Self-Organized Multicast
 - Preferred Server
- Self-Service Portal

- Cable TV status reports
- Troubleshooting

OS provisioning

- Provisioning architecture
- PXE boot, WinPE environment
- Provisioning workflow
- Image formats for master

Day 3

OS provisioning (continued)

- Using options :
 - Multi-screen management
 - File transfer
 - Remote controls
- Use reports to generate statistics
- Response file management
- Driver management (HII)

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.