Ivanti RES Automation Manager

Course outline

Module 1: Introduction to Ivanti RES Automation Manager

Module 1 of the Ivanti RES Automation Manager course provides an introduction to the Ivanti RES Automation Manager platform. It covers the basics of the platform, including its architecture, components, and features. It also provides an overview of the automation process and how to use the platform to automate tasks. Finally, it provides an introduction to the Ivanti RES Automation Manager console and how to use it to manage and monitor automation jobs.

Lessons

- Overview of Ivanti RES Automation Manager
- Understanding the Architecture of Ivanti RES Automation Manager
- Configuring Ivanti RES Automation Manager
- Creating and Managing Jobs in Ivanti RES Automation Manager
- Troubleshooting Ivanti RES Automation Manager
- Security and Compliance in Ivanti RES Automation Manager
- Automating Tasks with Ivanti RES Automation Manager
- Integrating Ivanti RES Automation Manager with Other Systems
- Best Practices for Using Ivanti RES Automation Manager
- Advanced Features of Ivanti RES Automation Manager

After completing this module, students will be able to:

- Understand the basic concepts and features of Ivanti RES Automation Manager.
- Create and manage automation tasks and jobs.
- Utilize the Ivanti RES Automation Manager console to monitor and manage automation tasks.
- Troubleshoot and resolve automation issues.

Module 2: Automation Manager Architecture

Module 2 of the Ivanti RES Automation Manager course provides an overview of the Automation Manager architecture. It covers topics such as the Automation Manager components, the Automation Manager architecture, and the Automation Manager database. It also provides an introduction to the Automation Manager console and the Automation Manager web interface.

Lessons

- Overview of Automation Manager Architecture

- Automation Manager Components
- Automation Manager Security
- Automation Manager Database
- Automation Manager Networking
- Automation Manager Deployment
- Automation Manager Administration
- Automation Manager Troubleshooting
- Automation Manager Best Practices
- Automation Manager Integration with Other Systems

After completing this module, students will be able to:

- Understand the architecture of Ivanti RES Automation Manager and its components.
- Configure and manage automation tasks and jobs.
- Create and manage automation policies and rules.
- Monitor and troubleshoot automation tasks and jobs.

Module 3: Automation Manager Components

Module 3 of the Ivanti RES Automation Manager course covers the components of the Automation Manager, including the Automation Manager Console, the Automation Manager Agent, and the Automation Manager Database. It provides an overview of the features and functions of each component, as well as how they interact with each other to provide a comprehensive automation solution.

Lessons

- Overview of Automation Manager Components
- Automation Manager Console
- Automation Manager Agents
- Automation Manager Scheduler
- Automation Manager Database
- Automation Manager Security
- Automation Manager Scripts
- Automation Manager Tasks
- Automation Manager Reports
- Automation Manager Dashboards

After completing this module, students will be able to:

- Understand the components of Ivanti RES Automation Manager and how they interact with each other.
- Create and manage automation tasks and jobs.
- Utilize the automation manager to automate processes and tasks.
- Monitor and troubleshoot automation tasks and jobs.

Module 4: Automation Manager Security

Module 4 of the Ivanti RES Automation Manager course covers the security aspects of the Automation Manager. It covers topics such as authentication, authorization, encryption, and auditing. It also covers how to configure and manage security settings in the Automation Manager.

Lessons

- Understanding Automation Manager Security
- Configuring Automation Manager Security
- Implementing Automation Manager Security
- Troubleshooting Automation Manager Security
- Best Practices for Automation Manager Security
- Automation Manager Security Auditing
- Automation Manager Security Compliance
- Automation Manager Security Policies
- Automation Manager Security Roles
- Automation Manager Security Threats

After completing this module, students will be able to:

- Understand the security features of Ivanti RES Automation Manager and how to configure them.
- Create and manage user accounts and roles in Ivanti RES Automation Manager.
- Implement security policies and procedures to protect the system from unauthorized access.
- Monitor and audit system activity to ensure compliance with security policies.

Module 5: Automation Manager Deployment

Module 5 of the Ivanti RES Automation Manager course covers the deployment of the Automation Manager. It covers topics such as installation, configuration, and maintenance of the Automation Manager, as well as how to use the Automation Manager to automate tasks and processes. It also covers how to use the Automation Manager to monitor and manage the environment.

Lessons

- Overview of Automation Manager Deployment
- Preparing for Automation Manager Deployment
- Installing Automation Manager
- Configuring Automation Manager
- Deploying Automation Manager Agents
- Managing Automation Manager Agents
- Troubleshooting Automation Manager Deployment
- Best Practices for Automation Manager Deployment
- Automation Manager Security Considerations
- Automation Manager Deployment Automation Strategies

After completing this module, students will be able to:

- Understand the architecture of Ivanti RES Automation Manager and its components.
- Configure and deploy Ivanti RES Automation Manager in a distributed environment.
- Create and manage automation jobs and tasks.
- Monitor and troubleshoot automation jobs and tasks.

Module 6: Automation Manager Administration

Module 6 of the Ivanti RES Automation Manager course covers the administration of the Automation Manager. It provides an overview of the Automation Manager architecture, how to configure and manage the Automation Manager, and how to troubleshoot and optimize the Automation Manager. It also covers topics such as security, logging, and performance tuning.

Lessons

- Overview of Automation Manager Administration
- Configuring Automation Manager Security
- Managing Automation Manager Resources
- Automation Manager Scheduling
- Automation Manager Logging and Reporting
- Automation Manager Troubleshooting
- Automation Manager Best Practices
- Automation Manager Performance Tuning
- Automation Manager Integration with Other Ivanti Products
- Automation Manager Automation Scripting

After completing this module, students will be able to:

- Understand the architecture and components of Ivanti RES Automation Manager.
- Configure and manage automation tasks and jobs.
- Create and manage automation policies and rules.
- Monitor and troubleshoot automation tasks and jobs.

Module 7: Automation Manager Scripting

Module 7 of the Ivanti RES Automation Manager course covers scripting with the Automation Manager. It provides an introduction to the Automation Manager scripting language and how to use it to create and manage scripts. It also covers how to use the Automation Manager to automate tasks and processes.

Lessons

- Introduction to Automation Manager Scripting
- Automation Manager Scripting Syntax
- Working with Variables in Automation Manager Scripting
- Working with Arrays in Automation Manager Scripting
- Working with Loops in Automation Manager Scripting
- Working with Conditions in Automation Manager Scripting

- Working with Functions in Automation Manager Scripting
- Working with Objects in Automation Manager Scripting
- Working with COM Objects in Automation Manager Scripting
- Debugging Automation Manager Scripts
- Best Practices for Automation Manager Scripting
- Troubleshooting Automation Manager Scripts

After completing this module, students will be able to:

- Understand the fundamentals of scripting and automation in Ivanti RES Automation Manager.
- Create and execute scripts to automate tasks in Ivanti RES Automation Manager.
- Utilize the Ivanti RES Automation Manager API to create custom scripts.
- Troubleshoot and debug scripts in Ivanti RES Automation Manager.

Module 8: Automation Manager Troubleshooting

Module 8 of the Ivanti RES Automation Manager course covers troubleshooting techniques for Automation Manager. It provides an overview of the troubleshooting process, including identifying and resolving common issues, as well as best practices for resolving more complex problems. It also covers how to use the Automation Manager log files to diagnose and resolve issues.

Lessons

- Identifying Automation Manager Components
- Troubleshooting Automation Manager Connectivity Issues
- Investigating Automation Manager Logs
- Resolving Automation Manager Database Issues
- Troubleshooting Automation Manager Scheduling Issues
- Troubleshooting Automation Manager Security Issues
- Troubleshooting Automation Manager Performance Issues
- Troubleshooting Automation Manager Script Execution Issues
- Troubleshooting Automation Manager Agent Issues
- Troubleshooting Automation Manager Task Issues

After completing this module, students will be able to:

- Understand the architecture of Ivanti RES Automation Manager and its components.
- Troubleshoot common issues related to Ivanti RES Automation Manager.
- Identify and resolve problems related to automation tasks.
- Utilize the Ivanti RES Automation Manager console to monitor and manage automation tasks.

Module 9: Automation Manager Best Practices

Module 9 of the Ivanti RES Automation Manager course covers best practices for using the Automation Manager. It provides guidance on how to use the Automation Manager to its fullest potential, including how to create and manage jobs, how to use the Automation Manager to automate processes, and how to

troubleshoot any issues that may arise.

Lessons

- Understanding Automation Manager Components
- Automation Manager Security and Permissions
- Automation Manager Scheduling and Triggers
- Automation Manager Troubleshooting
- Automation Manager Logging and Auditing
- Automation Manager Performance Optimization
- Automation Manager Backup and Recovery
- Automation Manager Integration with Other Ivanti Products
- Automation Manager Automation Scripting
- Automation Manager Automation Scripting Best Practices

After completing this module, students will be able to:

- Understand the core concepts of automation and how to apply them to Ivanti RES Automation Manager.
- Develop and implement automation strategies to improve efficiency and reduce manual labor.
- Utilize the Ivanti RES Automation Manager to create and manage automated tasks.
- Monitor and troubleshoot automation processes to ensure optimal performance.

Module 10: Automation Manager Integration with Other Systems

Module 10 of the Ivanti RES Automation Manager course covers the integration of Automation Manager with other systems. It covers topics such as how to integrate Automation Manager with other systems, how to use the Automation Manager API, and how to use the Automation Manager SDK. It also covers best practices for integrating Automation Manager with other systems.

Lessons

- Overview of Automation Manager Integration with Other Systems
- Integrating Automation Manager with Active Directory
- Integrating Automation Manager with Microsoft SCCM
- Integrating Automation Manager with Microsoft Exchange
- Integrating Automation Manager with Microsoft SQL Server
- Integrating Automation Manager with Microsoft SharePoint
- Integrating Automation Manager with VMware vSphere
- Integrating Automation Manager with Citrix XenApp
- Integrating Automation Manager with Amazon Web Services
- Integrating Automation Manager with Puppet

After completing this module, students will be able to:

- Understand the different types of integration available with Ivanti RES Automation Manager.

- Configure and manage integrations with other systems.
- Utilize the Ivanti RES Automation Manager API to create custom integrations.
- Troubleshoot and resolve integration issues.