

Cisco Expo 2011



CiscoWorks LAN Management Solution 4.0

Опыт использования

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innovate *together*

Особенности работы LMS 4.0

Содержание

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- Требования к установке LMS 4.0
- Программа начальной установки
- Новые возможности в управлении ролями пользователей
- Новые возможности в LMS 4.0
- Особенности мониторинга сети



Особенности работы LMS 4.0

Требования к установке LMS 4.0

Требования к операционной системе

Solaris 10, Windows Server 2003/2008

32-bit и 64-bit поддерживается

локализация исключительно English

Требования к аппаратной поддержке

минимум двухядерный процессор

оперативная память от 4Гб

поддержка VMware

Требования к клиенту

не работает в Windows 7

браузеры штатные`



Особенности работы LMS 4.0

Программа начальной установки

Программа начальной установки – **Getting Started** – представляет собой мастер установки, обеспечивающий минимальные требования по начальной настройке сервера LMS



Getting Started with LMS

CiscoWorks LAN Management Solution (LMS) provides you with powerful features that enable you to configure, monitor, troubleshoot, and administer Cisco networks. CiscoWorks Getting Started helps you in setting up LMS and in getting it ready to manage your network infrastructure.

New Features in LMS 4.0

- Improved Usability
- EnergyWise
- Identity
- Monitoring
- Auto Smartports
- Smart Install
- Report Center
- Enhanced Troubleshooting Workflows
- Template Center
- Local CiscoWorks Authorization Mode

Do not show Getting Started wizard at next login

Proceed to [Data Migration](#)

Skip the rest of the workflow and proceed to [Device Status](#) dashboard

Getting Started

Introduction

Getting Started with LMS

New features in LMS 4.0

- Data Migration
- General System Settings
- Multiserver Configuration
- Other System Settings
- Device Management
- User Management
- Software and Device Updates
- Advanced Configurations

Getting Started with Cisco Prime LMS

Cisco Prime LAN Management Solution (LMS) has powerful features that enable you to configure, monitor, troubleshoot, and administer Cisco networks. Cisco Prime Getting Started helps you in setting up LMS and in getting it ready to manage your network infrastructure.

New Features in LMS 4.1

- Medianet
- Smart Interactions
- Device Profiling
- IPSLA VO Support

New Features in LMS 4.0

- Improved Usability
- EnergyWise
- Identity
- Monitoring
- Auto Smartports
- Smart Install
- Report Center
- Enhanced Troubleshooting Workflows
- Template Center
- Local CiscoWorks Authorization Mode

Do not show Getting Started wizard at next login

Proceed to [Data Migration](#)

Skip the rest of the workflow and proceed to [Device Status](#) dashboard

Getting Started

Introduction

Getting Started with LMS

New features in LMS 4.1

- > Data Migration
- > General System Settings
- > Multiserver Configuration
- > Other System Settings
- > Device Management
- > User Management
- > Software and Device Updates
- > Advanced Configurations

Особенности работы LMS 4.0

Новые возможности в управлении ролями пользователей

Создание новых ролей пользователей возможно локально, на сервере LMS, без необходимости развертывания ACS сервера



Manage Roles

You can add, copy, edit, and delete custom user roles and set the default user roles.

Manage Roles		
Role	Description	Default Role
<input type="radio"/> Help Desk	Help Desk Role	
<input type="radio"/> Network Operator	Network Operator Role	
<input type="radio"/> Approver	Approver Role	
<input type="radio"/> Network Administrator	Network Administrator Role	
<input type="radio"/> System Administrator	System Administrator Role	
<input type="radio"/> Super Admin	Super Admin Role	

Proceed to [Manage Users](#)

Skip the rest of the workflow and proceed to [Device Status](#) dashboard

Getting Started

- Introduction
- Data Migration
- General System Settings
- Multiserver Configuration
- Other System Settings
- Device Management
- User Management
 - Manage Roles**
Number of roles defined: 6
 - Manage Users
Number of users: 2
- Software and Device Updates
- Advanced Configurations

Faults 53 0 0

CiscoWorks LMS

- My Menu
- Monitor
- Inventory
- Configuration
- Reports
- Admin
- Work Centers

Search

Admin > Getting Started

25 Jul 2011, 04:27 PDT

Manage Roles

You can add, copy, edit, and delete custom user roles and set the default user roles.

Manage Roles

Edit Delete Copy Set as Default

Role	Description
<input type="radio"/> Help Desk	Help Desk Role
<input type="radio"/> Network Operator	Network Operator Role
<input type="radio"/> Approver	Approver Role
<input type="radio"/> Network Administrator	Network Administrator Role
<input type="radio"/> System Administrator	System Administrator Role
<input type="radio"/> Super Admin	Super Admin Role

Getting Started

- Introduction
- Data Migration

tester - Add Roles - Windows Internet Explorer
http://tester:1741/cwhp/RoleManagement.do?action=roleAdd&crsAppInName=cwlms_gs

Role Management

Role Details

Name:

Description:

Tasks

- LAN Management Solution
 - Reports
 - Monitor
 - Troubleshooting Tools
 - Performance Settings
 - Fault Settings
 - Setup
 - Threshold Settings
 - Monitoring Tools
 - Fault Monitor
 - Configure InterVlan Routing

Proceed to [Manage Users](#)

Skip the rest of the workflow and proceed to [Device Status](#) dashboard

OK Cancel Help

Manage Roles

You can add, copy, edit, and delete custom user roles and set the default user roles.

Manage Roles

Edit Delete Copy Set as Default Add Filter

Role	Description	Default Role
<input type="radio"/> Help Desk	Help Desk Role	
<input type="radio"/> Network Operator	Network Operator Role	
<input type="radio"/> Approver	Approver Role	
<input type="radio"/> Network Administrator	Network Administrator Role	
<input type="radio"/> System Administrator	System Administrator Role	
<input type="radio"/> Super Admin	Super Admin Role	

Proceed to [Manage Users](#)

Skip the rest of the workflow and proceed to [Device Status](#) dashboard

- Admin**
 - System Preferences
- Threshold**
 - Threshold Setup
- Reports**
 - Performance Reports
- Poller**
 - Poller Management
 - Template Management
- TrendWatch**
 - Trendwatch Setup

- Manage Roles**
 - Number of roles defined: 6
- Manage Users**
 - Number of users: 2
- Software and Device Updates**
- Advanced Configurations**

Software and Device Updates

Cisco.com credentials and E-mail settings are required to download software updates and device packages. Go to [General System Settings](#) to configure the settings.

LMS allows you to download software updates and device packages from Cisco.com. The details of the software and device packages installed on the LMS server, software and device packages available for download from Cisco, and details of the download jobs scheduled are displayed in the following tables.

Software Updates Download

The following table gives you details of software versions installed on LMS server and updates available on Cisco.com

Software Updates Download		
Schedule Download		
Product Name	Installed Version	Available Version
LAN Management Solution	4.0.0	-

Device Packages Download

The following table shows you the number of device packages installed and the number of packages available for download from Cisco.com.

Device Package Download		
Schedule Download		
Package Name	Installed Package Count	Available Package Count
LAN Management Solution	437	-

Scheduled Job Details

The following table gives you details of download jobs scheduled for device packages and software updates

Device and Software Job Details							
Filter							
ID	Type	Status	Description	Owner	Start Time	End Time	Schedule Type

Getting Started

- + Introduction
- + Data Migration
- + General System Settings
- + Multiserver Configuration
- + Other System Settings
- + Device Management
- + User Management
- Software and Device Updates

Software And Device Updates

No. of device packages installed: 437
 No. of device packages available: -
 LMS version installed: 4.0.0
 LMS version available: -

+ Advanced Configurations

Faults 53 0 0

Advanced Configurations

You can perform advanced configurations of LMS server here.

Advanced configurations available are:

- [Monitoring Configurations](#)
You can automatically collect performance statistics for devices and ports.
- [Identity Configuration](#)
You can automate the Identity management lifecycle.
- [Fault Management](#)
You can adjust polling and threshold conditions for faults.
- [User Role Management](#)
You can create, edit roles and assign them to users.

- [Configuration Management](#)
You can manage and deploy configuration templates.
- [Energywise Configuration](#)
You can automate energy management of devices and network infrastructure.
- [Collection Settings](#)
You can view and tune the frequency of various data collectors.
- [Group Administration](#)
You can create, manage, view, and delete device groups.

Do not show Getting Started wizard at next login

Proceed to [Device Status](#) dashboard

Getting Started

- [Introduction](#)
- [Data Migration](#)
- [General System Settings](#)
- [Multiserver Configuration](#)
- [Other System Settings](#)
- [Device Management](#)
- [User Management](#)
- [Software and Device Updates](#)
- [Advanced Configurations](#)
- [Advanced Configurations](#)
Work Centers, Group Administration, and other advanced configurations

Особенности работы LMS 4.0

Новые возможности в LMS 4.0

- Smart Install Work Center
- Identity Work Center
- Auto Smartports Work center
- EnergyWise Work Center
- Medianet (4.1)
- Smart Interactions (4.1)
- ...



Faults 53 0 0

CiscoWorks LMS

- My Menu
- Monitor
- Inventory
- Configuration
- Reports
- Admin
- Work Centers

Search

25 Jul 2011, 04:44 PDT

Identity - Authenticated Users

1 Hour | 6 Hours | Today | Yesterday

Click the configuration icon to select the devices

Identity - 802.1x Agentless Users

1 Hour | 6 Hours | Today | Yesterday

Click the configuration icon to select the devices

Identity - Authorization Trend

Authorization Success Failure

1 Hour | 6 Hours | Today | Yesterday

Click the configuration icon to select the devices

- Identity**
 - Dashboard
 - Getting Started
 - Readiness Assessment
 - Configure
 - Reports
 - Jobs
- Smart Install**
 - Getting Started
 - Readiness Assessment
 - Configure
 - Reports
 - Jobs

- EnergyWise**
 - Dashboard
 - Getting Started
 - Readiness Assessment
 - Configure
 - Settings
 - Reports
 - Jobs

- Auto Smartports**
 - Getting Started
 - Readiness Assessment
 - Configure
 - Reports
 - Jobs

Click here for more details

User Tracking Summary

Number of End hosts	44
Number of Active End hosts	24
Number of Dormant hosts in last 7 days	7
Number of New hosts in last 7 days	0
Number of Rogue hosts in last 7 days	0

Configuration > Configuration Center

Configuration Center

Configuration Center is a launch point for all types of device or feature configurations supported

Technologies and Services

- Auto Smartports
- Credentials
- EEM
- Encryption
- Energywise
- Gold
- Identity
- MACSec
- Performance Monitoring
- Performance Routing
- Port Macros
- Quality of Service
- Resource Reservation Protocol
- Smart Call Home
- Security Group Access
- Smart Install
- SNMP
- TACACS
- Video Conferencing
- Video Transcoding
- VLAN
- VRF-Lite
- VSS

Work Centers

- Identity**
 - Dashboard
 - Getting Started
 - Readiness Assessment
 - Configure
 - Reports
 - Jobs
- Smart Install**
 - Getting Started
 - Readiness Assessment
 - Configure
 - Reports
 - Jobs
- EnergyWise**
 - Dashboard
 - Getting Started
 - Readiness Assessment
 - Configure
 - Settings
 - Reports
 - Jobs
- Medianet**
 - Dashboard
 - Getting Started
 - Readiness Assessment
 - Configure
 - Reports
 - Jobs
- Auto Smartports**
 - Getting Started
 - Readiness Assessment
 - Manage Templates
 - Configure
 - Reports
 - Jobs

18 Nov 2011, 10:03 PST

Mode: ADDING

- 1. Module Settings
- 2. Seed Device Settings
- 3. SNMP Settings
- 4. Filter Settings
- 5. Global Settings
- 6. Summary

Module Settings

Module Settings

Layer 3 Discovery Protocols

Address Resolution Protocol (ARP)

Border Gateway Protocol (BGP)

Open Shortest Path First Protocol (OSPF)

Routing Table

Layer 2 Discovery Protocols

Cisco Discovery Protocol (CDP)

Link Layer Discovery Protocol (LLDP)

Ping Discovery Option

Ping Sweep on IP Range

Others

Cluster Discovery Module

Hot Standby Router Protocol (HSRP)

- Step 1 of 6 -

Back Next Finish Cancel

Особенности работы LMS 4.0

Особенности мониторинга сети

Значительно упрощена:

возможность создания собственных шаблонов мониторинга параметров сети

возможность добавления новых MIB

просмотр отчетов производительности



Mode: ADDING

- 1. MIB Variables
- 2. MIB Alias Name

Select MIB Variables

MIB Variables

Template Name *:

Show Mib: RFC1213-MIB

<<search Input>>

All Search Results Selection

- RFC1213-MIB
 - internet
 - mgmt
 - mib-2
 - system
 - sysUpTime
 - sysServices
 - interfaces
 - at
 - ip
 - icmp
 - tcp
 - udp
 - egp

Note: Only Integer type Variables will be shown in MIB tree

* - Required

- Step 1 of 2 -

<Back Next> Finish Cancel

Особенности работы LMS 4.0

Вопросы ???



Cisco Expo 2011



Спасибо!

Просим Вас заполнить анкеты.
Ваше мнение очень важно для нас.

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