



ВМС BladeLogic для Единой вычислительной системы Cisco

Поиск...



Cisco Central Management System

Fault Summary

16	25	1	6
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Equipment Servers LAN SAN Admin

Filter: All

- Equipment
 - Chassis
 - Chassis 1
 - Fabric Extenders
 - Fans
 - PSUs
 - Servers
 - Server 7
 - Server 8
 - Switches

Server 8

General Inventory Faults Events FSM Statistics

Fault Summary

0	7	0	0
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Actions

- Boot Server
- Shut Down
- Change Power State
- KVM Console
- Re-acknowledge Server
- Remove Server
- Server Discovery Policy
- Turn on LED Beacon
- Reset Server's CMOS
- POST Results

Physical Display

Properties

Slot Id: 8	Chassis Id: 1
Serial Number (SN): QCI1249001A	Name:
Vendor: Cisco Systems Inc	Model (PID): N20-B6620-1
Revision (VID): 0	
UUID: B14AA282-C1DB-11DD-A091-00D0C992C65A	
Service Profile:	
Summary	
Cores: 8	Threads: 16
Total Memory: 12288	Adapters: 1
NICs: 2	HBAs: 2
States	
Overall Status: unassociated	

Status Details

Save Changes Reset Values

Logged in as admin@10.20.38.16

26% of 128MB

Доступные физические блейд-серверы.

Поиск...



The screenshot shows the BMC BladeLogic Configuration Manager interface. On the left is a tree view of the configuration hierarchy. The 'Blades' folder under 'Physical' is selected. The main pane displays a table of objects:

Object Type	Name	Blades Name	Blade Name
Blade	blade-7		
Blade	blade-8		

A yellow callout box points to the table with the text: **Доступные физические блейд-серверы.**

At the bottom of the window, the 'Tasks in Progress' section is empty. The status bar at the bottom left shows '2 objects' and the bottom right shows the user 'BLAdmins : BLAdmin' and IP address '10.20.38.11:9841'.

Создание шаблона оборудования...



BMC BladeLogic Configuration Manager

File Edit View Tools Help

Depot Objects

Create New Nimbus Template: Step 1 of 3 (NimbusTemplateGenerator - New Template)

Name:

Description:

Server
Comp
Comp
Depot
Jobs

Back Next Finish Cancel

Tasks in Progress

Name	Type	Child Job	Role	User	Start Time	Message
2 objects						

BLAdmins : BLAdmin 10.20.38.11:9841

Выберите
описательное имя
описательный мастер
имени шаблонов

Создание шаблона оборудования...



The screenshot shows the BMC BladeLogic Configuration Manager interface. The main window displays the configuration for a template named 'Nimbus Template - Finance_Windows_Server_Template'. The 'Boot Order' section is highlighted with an orange border and contains a table with the following data:

Boot Sequence	Name	Type
0	NicFinance1	Lan Nic
1	Local Disk	Local Disk

The interface also shows a 'Tasks in Progress' table at the bottom, which is currently empty.

Name	Type	Child Job	Role	User	Start Time	Message
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At the bottom of the window, it shows '2 objects' and the user 'BLAdmins : BLAdmin' with IP address '10.20.38.11:9841'.

вление NIC-
COB

Выбор порядка
загрузки по
умолчанию.

блейд-
еров.

Подготовка ресурсов..



System Packages

win2k8std64

Drive Letter	Type	Size (MB)	Primary Partition	Fill U
C	NTFS	15000	true	false

Use script for disk partitioning

```
select disk 0
clean
create partition primary
select partition 1
active
FORMAT fs=NTFS LABEL="DISK_VOL1" QUICK
```

Reboot after the script is executed

Provisioning Progress

MAC Address	Device De...	Host Name	Device Type	Progress	Completed	Most Rece...	Date Job Started
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Предварительно созданные стеки ОС и приложений, доступные для подготовки.

Мастер подготовки ресурсов...



The screenshot shows the BMC BladeLogic Provisioning Manager interface. The main window title is "BMC BladeLogic Provisioning Manager". The menu bar includes "File", "Edit", "View", "Actions", "Tools", and "Help". The left sidebar shows "System Packages" and "Devices". The main area displays configuration for a package named "win2k8std64". A context menu is open over the package, with "Nimbus Provisioning" highlighted. The menu items include: Show Dependency, Save, Save as XML, Cut, Copy, Paste, Delete, Export, View provision history, Nimbus Provisioning, Update Permissions, and Properties (Ctrl-F6). The main configuration area has sections for "IP Configuration" and "DNS Configuration". Under "IP Configuration", the "Obtain an IP address automatically" option is selected. Under "DNS Configuration", the "Obtain DNS server automatically" option is selected. The bottom of the window shows a "Provisioning Progress" table with columns: MAC Address, Device De..., Host Name, Device Type, Progress, Completed, Most Rece..., and Date Job Started.

Целевая интеграция с платформой California позволяет администраторам быстро осуществлять подготовку новых систем через интерфейс на основе мастеров.

Мастер подготовки ресурсов...



Provision CAM Device: Step 3 of 9 (Basic Config)

Local Settings

Computer name: Payroll-Fin-23

Auto-generate computer name

OM server name: PayrollFinance23

Administrator password: [masked]

Confirm password: [masked]

Workgroup or Domain

Workgroup: mshome

Windows server domain: [empty]

Create a computer account in the domain

Specify a user account that has permission to add a computer to the domain.

User name: [empty]

Password: [empty]

Confirm password: [empty]

Navigation buttons: < Back, Next >, Finish, Cancel

Администратор

При необходимости администратор вносит изменения в настройки ОС. по умолчанию

Процесс подготовки...



BMC BladeLogic Provisioning Manager

File Edit View Actions Tools Help

System Packages: win2k8std64

Pre-Install Scripts

Disk Partition

Post-disk Partition

Basic Config

Computer Settings

OS Components

Provisioning Progress

MAC Address	Device De...	Host Name			
02-60-8C-00-00-...	description	PayrollFinance23	PXE	0 of 16	QUEUED Profile Creati

KVM Console for Chassis 1 - Server 8

File View Macros Tools Help

```
ca:\X:\Windows\system32\cmd.exe - startnet.cmd
BMI : Execute next state
BMI : spawn process : In RunProcess: exitCode =
BMI : Send state status
BMI : Send return data

-----
Output of this st

X:\Windows\system32>call X:\Windows\System32\Bl
X:\Windows\system32>set dskprt=1
X:\Windows\system32>set MACADDR=02-60-8C-00-00-5b
X:\Windows\system32>call X:\Windows\System32\BladeLo
X:\Windows\system32>DiskPart /s X:\Windows\Syste
Microsoft DiskPart version 6.0.6001
Copyright (C) 1999-2007 Microsoft Corporation
On computer: MININT-SJMBMQD

Disk 0 is now the selected disk.

DiskPart succeeded in cleaning the disk.

DiskPart succeeded in creating the specified partition.

Partition 1 is now the selected partition.

DiskPart marked the selected partition as active.

100 percent complete.

DiskPart successfully formatted the volume.

X:\Windows\system32>call X:\Windows\System32\Blade
X:\Windows\system32>X:\Windows\System32\BladeLogic
```

Запуск процесса подготовки выполняется автоматически.

Администратор при необходимости отслеживает процесс подготовки.

Управление процессами после подготовки



Object Type	Name	Profiles Path
Profile	Is-PayrollFinance23	

Name	Type	Child Job	Role	User	St
1 object					

BLAdmins : BLAdmin | 10.20.38.11:9841

По завершении подготовки система доступна для непрерывного управления.

К операциям непрерывного управления относятся действия по обеспечению соответствия нормативным требованиям, управление исправлениями, обновление программного обеспечения и различные действия оператора

Процессы после подготовки – Диспетчер Cisco CUS



Cisco Centrally Management System

Fault Summary

Equipment: Servers | LAN | SAN | Admin

Filter: All

Servers > Service Profiles > root > Finance > Service Profile PayrollFinance23

General | Policies | vNICs | vHBAs | Boot Order | Server Details | Faults | Events

Fault Summary

0 0 0 0

Actions

- Create Service Profile
- Create Service Profile (expert)
- Boot Server
- Shut Down
- Change Power State
- KVM Control
- Create a Cloud
- Create a Service Profile
- Disassociate Service Profile
- Change Service Profile Association
- Change UUID

Properties

Name: **PayrollFinance23**

Description: Template for windows servers with network setup for the finance dept.

UUID:

UUID Pool:

Associated Server: sys-machine/chassis-1/blade-8

States

Overall Status: **config**

Status Details

Power State:

Assoc State: **associating**

Assigned State: **assigned**

Configuration Error:

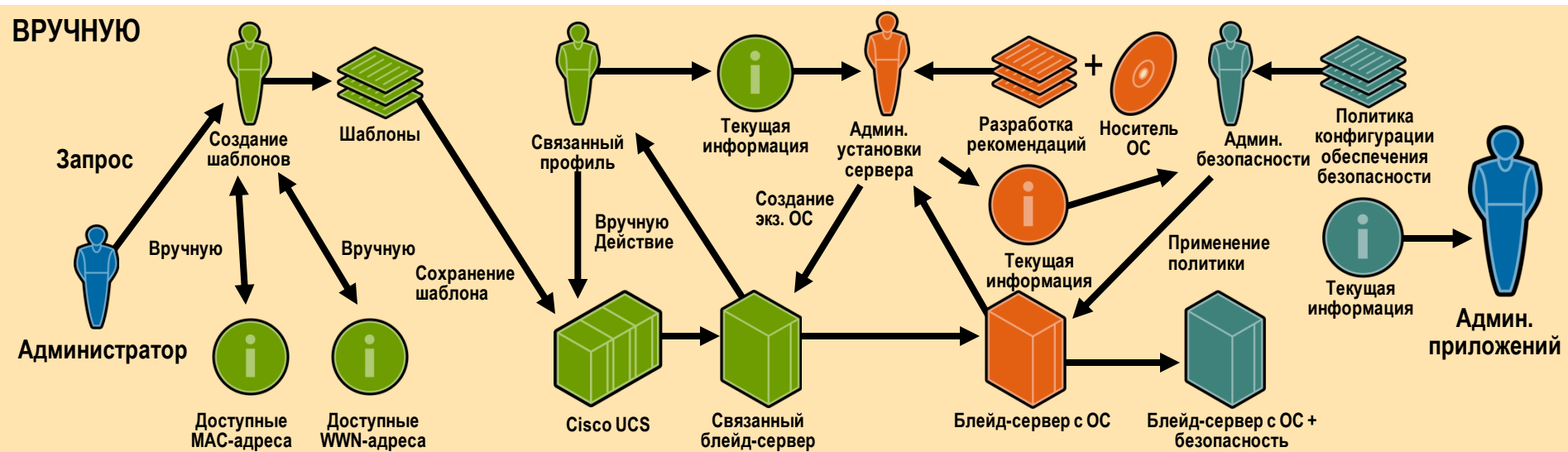
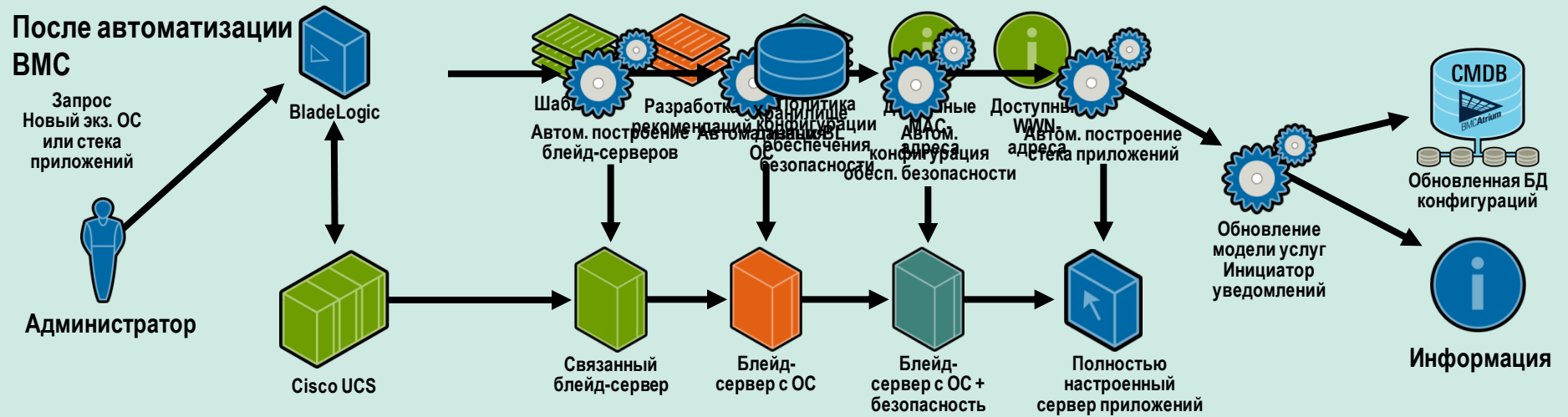
Save Changes | Reset Values

Logged in as admin@10.20.38.16

39% of 128MB

Обратите внимание на узел блейд-сервера после подготовки.

Преимущества автоматизации средствами BMC BladeLogic



**BUSINESS RUNS ON I.T.
I.T. RUNS ON BMC™**

Спасибо!