



Setting Up Cisco EPOM

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Navigating the Cisco EPOM Interface

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Overview of the Cisco EPOM Application Window

This is an example of the Cisco EPOM application window:



The screenshot displays the Cisco EPOM (Extensible Provisioning and Operations Manager) web interface. The page title is "EPOM Extensible Provisioning and Operations Manager". The user is logged in as "Default Administrator / Administrator". The interface includes a navigation menu on the left with "Domains" selected, showing a tree view with "all" and "BTS10200s" (containing sub-items for various IP addresses and "ems server3"). The main content area features a "Component domain" search box with an "Add" button. Below this is a table with the following data:

Domain Name	Description	Rows: 1 - 1
all	Default domain for all devices	Details Edit Delete

At the bottom left, there is a copyright notice: "Copyright © 2001-2003 Cisco Systems, Inc. Page displayed Friday, December 10, 2004 4:26:31 AM GMT-03:30". A vertical page number "130614" is located on the right side of the screenshot.

Standard Window Elements

Window Element Description

Window title Identifies the current window, such as Component: domain management.



Component: domain

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Window banner Displays the application name and includes the **Help** **Logout**



EPOM *Extensible Provisioning and Operations Manager*

Help | Logout

120293

Main menu Displays the current user name, user type (Administrator or User). This menu bar also includes main menu buttons to switch between domain management, user administration and Online Cache Management.



Default Administrator / (Administrator)

Online Cache Domains Users

Submenu Displays the currently selected component, if any, and buttons for major operations on that component.



BTS10200 : [10.76.62.78](#)

This submenu bar also has the Reports, Config, Edit, and Delete buttons. These buttons are duplicated in the BTS10200 Details pane. They have the same function whether you click them in the submenu bar or the Details pane.

The submenu includes a highlighted link to the selected Cisco BTS 10200 EMS server. Click the link to go to the index for the selected server, where you can access reports or Help.

Navigation pane, tree view

such as the Domains tree, the User/Groups tree, the inventory device Configuration tree, the Reports tree, and navigate through tree objects.



Navigation pane, icons

Config



Content area

Add Edit

Component: domain Add

Domain Name	Description	Rows: 1 - 1
all	Default domain for all devices.	[Details] [Edit] [Delete]

120303

Edit Delete

Managed object windows

 Success: Entries 1-101 of 2071 returned.

Component: dial_plan Add Search

[Check All](#) [Clear All](#) [Details](#) [Edit](#) [Delete](#)

<input type="checkbox"/>	id ▲	dest_id	digit_string	Rows: 1 - 100 of 2071 ↔
<input type="checkbox"/>	Dial1	dst1	222	[Details] [Edit] [Delete]
<input type="checkbox"/>	Incoming	local-sub	271201	[Details] [Edit] [Delete]
<input type="checkbox"/>	Incoming	local-sub	271202	[Details] [Edit] [Delete]
<input type="checkbox"/>	Incoming	local-sub	271203	[Details] [Edit] [Delete]
<input type="checkbox"/>	Incoming	local-sub	271204	[Details] [Edit] [Delete]
<input type="checkbox"/>	Incoming	local-sub	271205	[Details] [Edit] [Delete]
<input type="checkbox"/>	Incoming	local-sub	271206	[Details] [Edit] [Delete]
<input type="checkbox"/>	Incoming	RLGHNCDS1	306291	[Details] [Edit] [Delete]
<input type="checkbox"/>	Incoming	local-sub	306301	[Details] [Edit] [Delete]
<input type="checkbox"/>	Incoming	local-sub	306362	[Details] [Edit] [Delete]
<input type="checkbox"/>	Incoming	local-sub	306391	[Details] [Edit] [Delete]

- You can sort on column headers.

All defined objects of the selected type are listed.

Allowed operations on a selected object are listed at right, such as Details, Edit, and Delete. See the “[Standard Cisco BTS 10200 Operations](#)” section on [page 3-8](#) for a complete list.

Links to other parts of the configuration are provided, for quick navigation between related windows. Click the items displayed with blue underlining to jump to that component. In the example above, you can click a dial plan profile ID (dp1) to go directly to a dial plan profile.

Standard Cisco BTS 10200 Operations

- —Add a component.
- —Edit the component.

- **Details**

Delete

Status

Control

Diag

Equip

Unequip

Reset

Search

Search

mgw_id

Search

Audit

Sync

About Main Cisco EPOM Windows

Cisco EPOM's three main windows are Domain Management, User Management, and Online Cache Management. From Domain Management you access all device-related functions. From User Management, Cisco EPOM administrators can access user and group access functions, and Cisco EPOM users can access their own user record, for example, to change their password. From Online Cache Management users can view, delete and renew Corba connections between Cisco EPOM and Cisco BTS 10200 servers.

This table describes the main Cisco EPOM windows in each category. The Access With column gives an example of how to access the window, but as in any web application, there are many links between windows that can shortcut hierarchical navigation.

Window—Domains	Access With	Use To...
		<ul style="list-style-type: none"> • •
		<ul style="list-style-type: none"> • View what inventory devices are contained in the domain and what user groups have access to the domain
Modify Domain	Edit	
	Config	Access Provisioning Wizards
Cisco BTS 10200 Configuration Wizard	In the Configuration tree, click Provisioning Flow	

Reports

Window—Users

Use To...

Window—Online Cache

Use To...

Using Cisco EPOM Forms

The screenshot shows a web form titled "Add component: BTS10200" with "OK" and "Cancel" buttons. Below the title bar is a "Clear Form" link. The form contains five fields, each with a checkmark and a help icon:

- ✓ Hostname:
- ✓ Type:
- Login:
- Password:
- Site Id:

120305

About Form Actions

- -
 - **OK**
- Cancel**

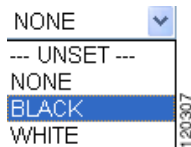
Adding Multiple Components with Common Properties

About Field Types

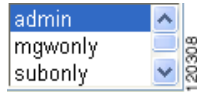
- **Text fields**



Dropdown list boxes



Multiple-select fields



Ctrl+click

Parameter fields



OK

Add subelement fields

No trunk_grp items defined.



Apply

OK

About Field-Level Help



About Moving Between Windows

Setting Up a Network

-
- [, page 3-14](#)

About Adding a Cisco BTS 10200 EMS Server

-
-
-

Determining a Cisco BTS 10200 EMS Server Site ID

Step 1

Step 2

```
grep SITEID /etc/optical1.cfg
SITEID=rtpvtc2
```



Tip

Step 3

[Clear Form](#)

✓	Hostname	<input type="text"/>	
✓	Type	<input type="text" value="BTS10200"/>	
	Login	<input type="text"/>	
	Password	<input type="text"/>	
	Site Id	<input type="text"/>	

120311



Note

Step 4



Tip



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- **BTS 10200**

Step 5 **OK**

Adding Domains, Groups, and Users

6,
[Managing Security with Cisco EPOM](#)).

Procedures to add domains, groups, and users are described in the following topics:

- [Adding Domains, page 3-15](#)
- [Adding Groups and Assigning Them to Domains, page 3-17](#)
[Adding Users and Assigning Them to Groups, page 3-19](#)

Adding Domains

Step 1

Step 2

Step 3

a. Domain Name—

to 15 characters; spaces are allowed.

(Optional) —Descriptive information that appears in the Domain Management window.

Click . You return to the Domain Management window, with the new domain listed in the domain list, but is not yet listed in the Domain tree.

To add a Cisco BTS 10200 EMS server or a user group to a domain, click . The Modify Domain window opens.

Do one of the following:

To add a Cisco BTS 10200 EMS server to this domain:

Next to **No Inventory Found** **Edit**

OK.

Add

XYZ Domain Groups **Edit**

Read/Write Read Only
OK

Step 6

Adding Groups and Assigning Them to Domains

Step 1

Step 2

Step 3

Step 4

Step 5

Add Group		OK	Cancel
Group Name	<input type="text"/>		
BTS Login	<input type="text"/>		
BTS Navigation Tree	<input type="text"/>		

120313



Tip

Step 6

■ Adding Domains, Groups, and Users

Step 7

Step 8

Step 9

-
-
-

Step 10

Deleting Groups



Note

Step 1

Step 2

Step 3

Delete group: san jose

Group Name

120314

Step 4

Adding Users and Assigning Them to Groups

Step 1

Step 2

Add user

Username	<input type="text"/>
First Name	<input type="text"/>
Last Name	<input type="text"/>
Password	<input type="password"/>
Confirm Password	<input type="password"/>
Email Address	<input type="text"/>
Groups	<input type="text" value="admin"/>

120315

Step 3

-
-
-
-
-
-
-

Step 4

Modifying and Deleting Users

Step 1

Step 2

•

a.

Modify user: skarunan OK Cancel

Username	skarunan
First Name	s
Last Name	karunan
Password
Confirm Password
Email Address	skarunan@cisco.com
Groups	admin

120316

b.

c.

Delete user: skarunan Delete Cancel

Username	skarunan
First Name	s
Last Name	karunan
Password
Email Address	skarunan@cisco.com

120317

d.

e.

Changing Your User Information

Step 1

Step 2

Step 3

-
-
-
-

Step 4

Managing Cisco EPOM Corba Cache

```
pkill cis
```



-
-
-
-

Viewing, Deleting and Renewing EPOM Corba Cache

Step 1

EPOM Extensible Provisioning and Operations Manager

Default Administrator / Administrator

Help | Logout

Online Cache Domains Users

Component: domain

Domain Name	Description	Rows: 1 - 1
all	Default domain for all devices.	(Details) (Edit) (Delete)

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Step 2

Pool name	Key Names
10.76.62.126----opti	IDENTIFIER_ANONYMOUS_UNUSED4
	IDENTIFIER_ANONYMOUS_UNUSED3
	IDENTIFIER_ANONYMOUS_UNUSED2
	IDENTIFIER_ANONYMOUS_UNUSED1
	IDENTIFIER_ANONYMOUS_UNUSED10
	IDENTIFIER_ANONYMOUS_UNUSED9
	IDENTIFIER_ANONYMOUS_UNUSED8
	IDENTIFIER_ANONYMOUS_UNUSED7
	IDENTIFIER_ANONYMOUS_UNUSED6
	IDENTIFIER_ANONYMOUS_UNUSED5
172.28.169.55----opt	IDENTIFIER_ANONYMOUS_UNUSED4
	IDENTIFIER_ANONYMOUS_UNUSED3
	IDENTIFIER_ANONYMOUS_UNUSED2
	IDENTIFIER_ANONYMOUS_UNUSED1
	IDENTIFIER_ANONYMOUS_UNUSED10
	IDENTIFIER_ANONYMOUS_UNUSED9
	IDENTIFIER_ANONYMOUS_UNUSED8
IDENTIFIER_ANONYMOUS_UNUSED7	

130612

Step 3

Pool name	Login	Site id	Maxsize	Size	
10.76.62.126	optiuser		50	10	(Renew) (Delete)
172.28.169.55	optiuser		50	10	(Renew) (Delete)
172.28.169.54	optiuser		50	10	(Renew) (Delete)
10.76.62.79	optiuser	rtp2vtc	50	10	(Renew) (Delete)
emis-server3	optiuser		50	10	(Renew) (Delete)

130613

Step 4
