



**SANGFOR**  
深信服科技

# Cascading Proxy Servers

**Navigation** <<

- ▶ System
- ▼ Proxy
  - ▶ Proxy Services
  - ▶ Proxies
  - ▶ ICAP Server Group
  - ▶ **Cascading Proxy Servers**
  - ▶ Forward

Dashboard Cascading Proxy Servers ✕

+ Add - Delete

<input type="checkbox"/>	No.	Name	Description
<input checked="" type="checkbox"/>			

Add ✕

Name:

Description:

Server IP:

Port:

☐ **Server requires authentication**

Username:

Password:

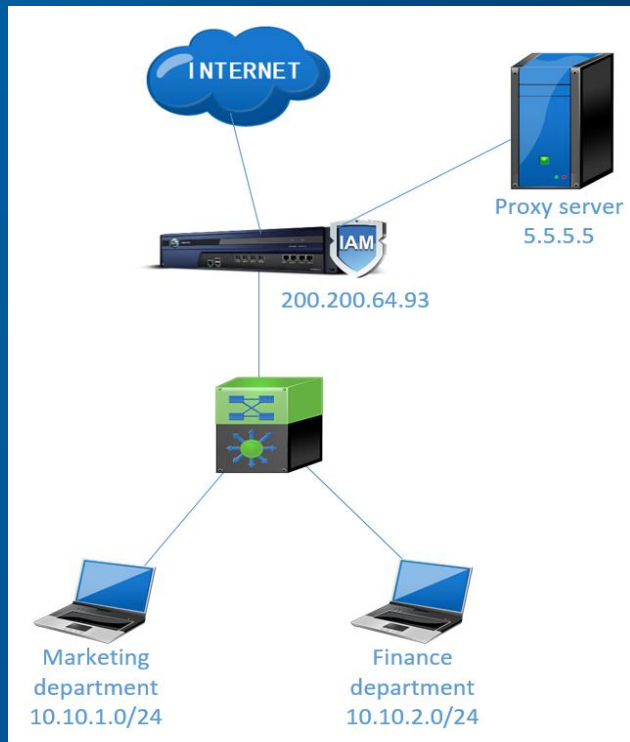
Test Validity

Commit

Cancel

## 4.1 Cascading Proxy Servers Case

Demand: Marketing department accesses the internet by proxy, but we can not access google website in China, so we visit google through Cascading proxy server.

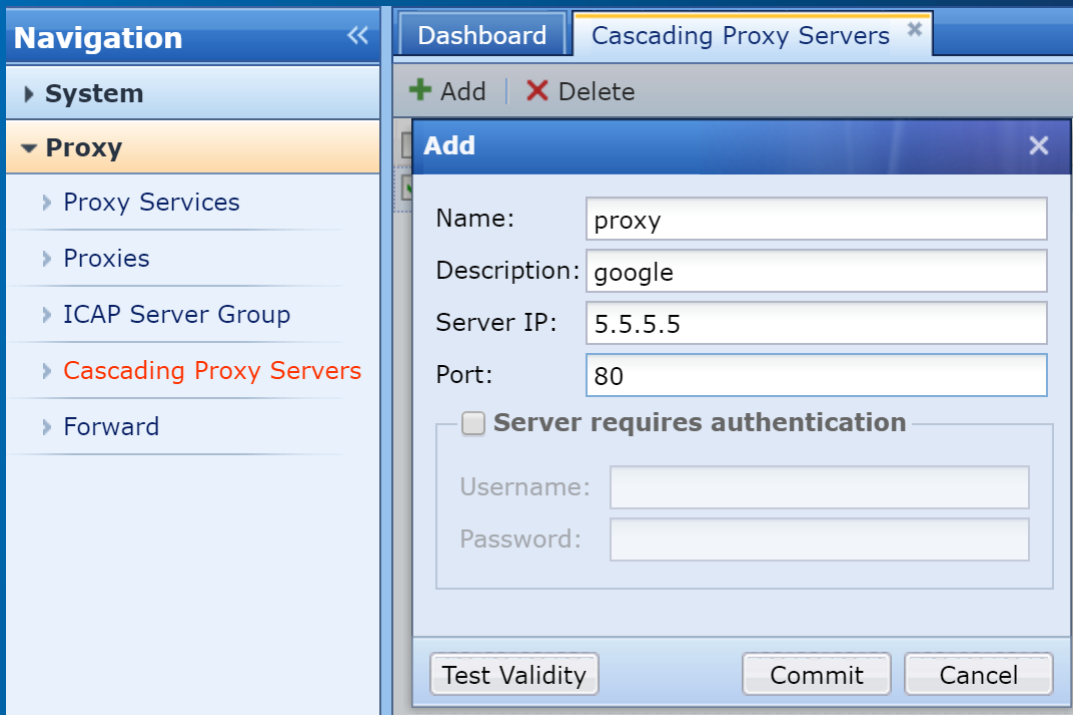


[www.google.com](http://www.google.com)

[www.baidu.com](http://www.baidu.com)

## 4.2 Configuration

### (1) Add Cascading Proxy Servers



The screenshot displays the SANGFOR web management interface. On the left is a 'Navigation' sidebar with a tree structure: 'System' (expanded) contains 'Proxy Services', 'Proxies', 'ICAP Server Group', 'Cascading Proxy Servers' (highlighted in red), and 'Forward'. The main content area has tabs for 'Dashboard' and 'Cascading Proxy Servers'. Below the tabs are '+ Add' and 'X Delete' buttons. An 'Add' modal window is open, containing the following fields:

- Name: proxy
- Description: google
- Server IP: 5.5.5.5
- Port: 80
- ☐ **Server requires authentication**
  - Username: [empty field]
  - Password: [empty field]

At the bottom of the modal are three buttons: 'Test Validity', 'Commit', and 'Cancel'.

## (2)Enable HTTP Proxy

**Navigation** <<

**System**

**Proxy**

Proxy Services

Proxies


ICAP Server Group

Cascading Proxy Servers


Forward

Dashboard Proxy Services \*

☒ **Enable HTTP Proxy**

Proxy Port: 8080 

☐ **SOCKS4/SOCKS5 Proxy**

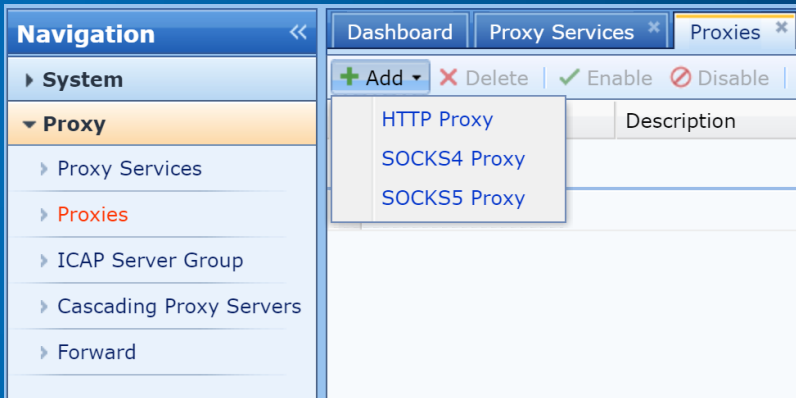
Proxy Port: 1080 

☐ **Use Proxy Auto-Config(PAC) Script**

Address: http://IAM\_IP\_Address/proxy.pac, for example, http://10.111.111.8

Edit Script

### (3) Proxy Policies



The screenshot displays the Sangfor management console for Proxy Policies. On the left is a 'Navigation' sidebar with a tree structure: 'System' (expanded), 'Proxy' (expanded), 'Proxy Services', 'Proxies' (highlighted in red), 'ICAP Server Group', 'Cascading Proxy Servers', and 'Forward'. The main panel has tabs for 'Dashboard', 'Proxy Services', and 'Proxies' (selected). Below the tabs are action buttons: '+ Add', 'Delete', 'Enable', and 'Disable'. A dropdown menu is open under the '+ Add' button, showing three options: 'HTTP Proxy', 'SOCKS4 Proxy', and 'SOCKS5 Proxy'. The main table area has a header row with a 'Description' column and an empty body.

Description
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### (3) Proxy Policies

Proxies

☒ Enable

Name:

proxy1

Description:

Object

Source:

All

Dst Domain:

☐ All

☒ Specified

www.google.com

Options

Action:

Allow

ICAP Server Group:

None

Cascading Proxy Server:

proxy

Proxy IP:

Auto

Commit

Cancel

Proxies

☒ Enable

Name:

proxy2

Description:

Object

Source:

All

Dst Domain:

☒ All

☐ Specified

Example: www.google.com

Options

Action:

Allow

ICAP Server Group:

None

Cascading Proxy Server:

None

Proxy IP:

Auto

Commit

Cancel

## (3) Proxy Policies

Dashboard Proxy Services Proxies									
+ Add - Delete   ✓ Enable ✗ Disable   ↑ Move Up ↓ Move Down									
<input type="checkbox"/>	No.	Name	Description	Source	Dst Domain	Action	ICAP Server Group	Cascading Proxy Server	Proxy IP
HTTP Proxy (3)									
<input type="checkbox"/>	1	proxy1		All	www.google.com	Allow	None	proxy	Auto
<input type="checkbox"/>	2	proxy2		All	All	Allow	None	None	Auto