

在Cisco ThousandEyes中配置测试

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简介

CiscoThousand Eyes

先决条件

要求

了解ThousandEyes。

Cisco ThousandEyes Demo或公司帐户和访问权限以创建测试。

使用的组件

本文档中的信息都是基于特定实验室环境中的设备编写的。本文档中使用的所有设备最初均采用原始（默认）配置。如果您的网络处于活动状态，请确保您了解所有命令的潜在影响。

配置

配置

步骤 1：

登录Cisco ThousandEyes门户。

点击汉堡图标，导航至菜单。

ThousandEyes

Email

Password

Keep me logged in

Log In

[Single sign-on](#) [Forgot password?](#)

[Create free account](#)

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Chat with Support

Dashboards

- Cloud & Enterprise Agents >
- Endpoint Agents >
- Devices >
- Internet Insights >
- Dashboards**
- Alerts >
- Sharing >
- Account Settings >

ThousandEyes Built-in Last 24 hours **Add Widget**

Alert List
1 hour
No Alert Activity

Agent Status
● Live status
No Enterprise Agents
Go to [Agent Settings](#) for instructions on deploying Enterprise Agents.

Tests 12 hours

Test Name	Test Type	Alert Status ↓	Trending (12h) / Current Values
https://cisco.service-now.com https://cisco.service-now.com	Web - Page Load	●	5278.67 ms 80%
cisco.com https://www.cisco.com	Web - Page Load	●	1947.2 ms 100%
eFeedLink Recursive Resolver partner.outlook.cn	DNS Server	●	98.25% 21 ms
Baidu Recursive Resolver partner.outlook.cn	DNS Server	●	96.55% 142 ms

Show 10 1-4 of 4

I wish this page would...
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步骤 2 :

点击 **Cloud and Enterprise Agents** 并选择 **Test Settings**.

ThousandEyes Built-in | Last 24 hours | + Add Widget

Alert List
1 hour
No Alert Activity

Agent Status
Live status
No Enterprise Agents
Go to [Agent Settings](#) for instructions on deploying Enterprise Agents.

Tests
12 hours

Test Name	Test Type	Alert Status	Trending (12h) / Current Values
https://lclisco.service-now.com https://lclisco.service-now.com	Web - Page Load	Green	5278.67 ms 80%
cisco.com https://www.cisco.com	Web - Page Load	Green	1947.2 ms 100%
eFeedLink Recursive Resolver partner.outlook.cn	DNS Server	Green	98.28% 21 ms
Baidu Recursive Resolver partner.outlook.cn	DNS Server	Green	96.55% 142 ms

Show 10 | 1-4 of 4

Cloud & Enterprise Agents > Test Settings

Tests | Test Labels | Credentials Repository

+ Add New Test

Add a filter

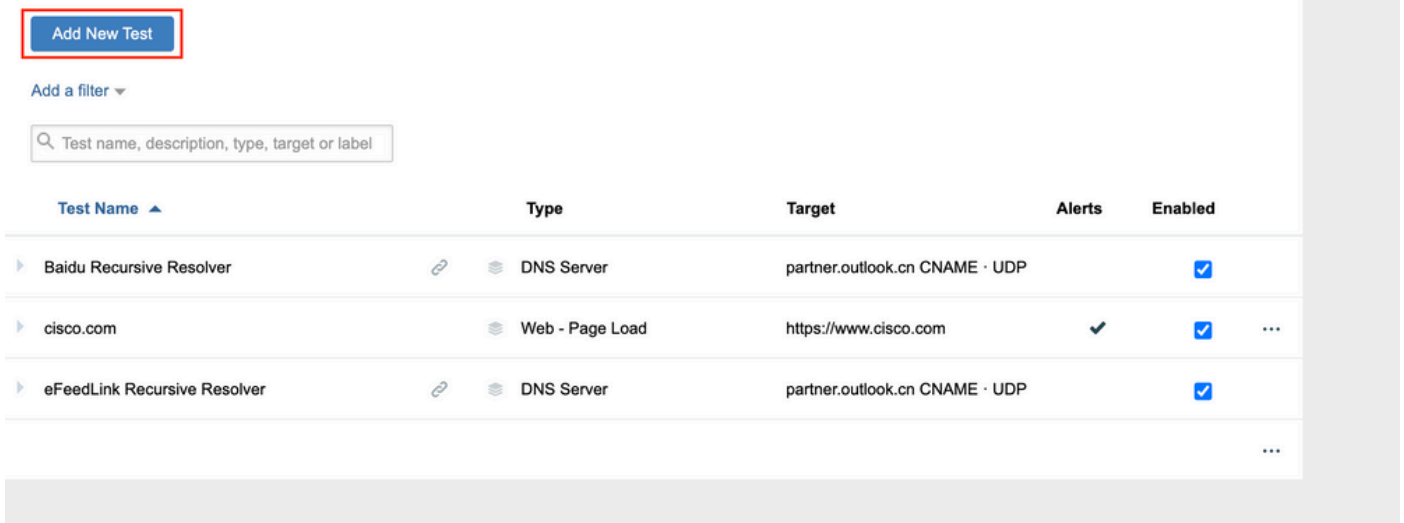
Test name, description, type, target or label

Test Name	Type	Target	Alerts	Enabled
Baidu Recursive Resolver	DNS Server	partner.outlook.cn CNAME - UDP	✓	✓
cisco.com	Web - Page Load	https://www.cisco.com	✓	✓
eFeedLink Recursive Resolver	DNS Server	partner.outlook.cn CNAME - UDP	✓	✓
https://lclisco.service-now.com	Web - Page Load	https://lclisco.service-now.com	✓	✓

<https://app.thousandeyes.com/settings/tests/>

步骤 3 :

要创建新测试，请单击 **Add New Test** 按钮。



The screenshot shows a web interface for managing tests. At the top left, there is a blue button labeled "Add New Test" with a red border. Below it is a filter section with the text "Add a filter" and a search input field containing the placeholder text "Test name, description, type, target or label". The main part of the interface is a table with the following columns: "Test Name", "Type", "Target", "Alerts", and "Enabled".

Test Name	Type	Target	Alerts	Enabled
Baidu Recursive Resolver	DNS Server	partner.outlook.cn CNAME - UDP		<input checked="" type="checkbox"/>
cisco.com	Web - Page Load	https://www.cisco.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> ...
eFeedLink Recursive Resolver	DNS Server	partner.outlook.cn CNAME - UDP		<input checked="" type="checkbox"/> ...

步骤 4 :

转到 **New Test** 部分，这里有5种层类型：

1. 路由
2. 网络
3. DNS
4. 网络
5. 语音

您可以选择这些可用选项中的任意一个。

例如，可以选择WEB层测试。

步骤 5 :

对于WEB层，有四种类型的测试：

1. HTTP 服务器
2. 页面加载
3. 事务
4. FTP 服务器

例如，您可以选择“页面加载”测试。

步骤 6 :

输入测试名称和说明字段，如果未填写测试名称，则在输入后将由目标URL自动填写。

步骤 7 :

移至 **Basic Configuration** 部分。

在此，您需要在URL字段中添加目标URL。

选择 Page Load Interval.默认值为1分钟。可以将其设置为1小时。

在 Page Load Interval,选择 HTTP Server Interval. 默认值为1分钟。可以将其设置为1小时。

例如，选择5分钟。

步骤 8::

选择要用作这些测试的源的代理。为了优化平台利用率，您可以从所有云代理中选择5个代理。

例如，已选择以下代理：

1. 班加罗尔
2. 新加坡
3. San Jose
4. 荷兰阿姆斯特丹
5. 南非约翰内斯堡

Add New Test

New Test

Layer: Routing Network DNS **Web** Voice

Test Type: HTTP Server **Page Load** Transaction FTP Server

Test Name:

Test Description:

Views Enabled for This Test

Web	Page Load
	HTTP Server
Network	Overview
	Path Visualization
Routing	BGP Route Visualization

Projected Usage

1%

Basic Configuration | **Advanced Settings**

URL:

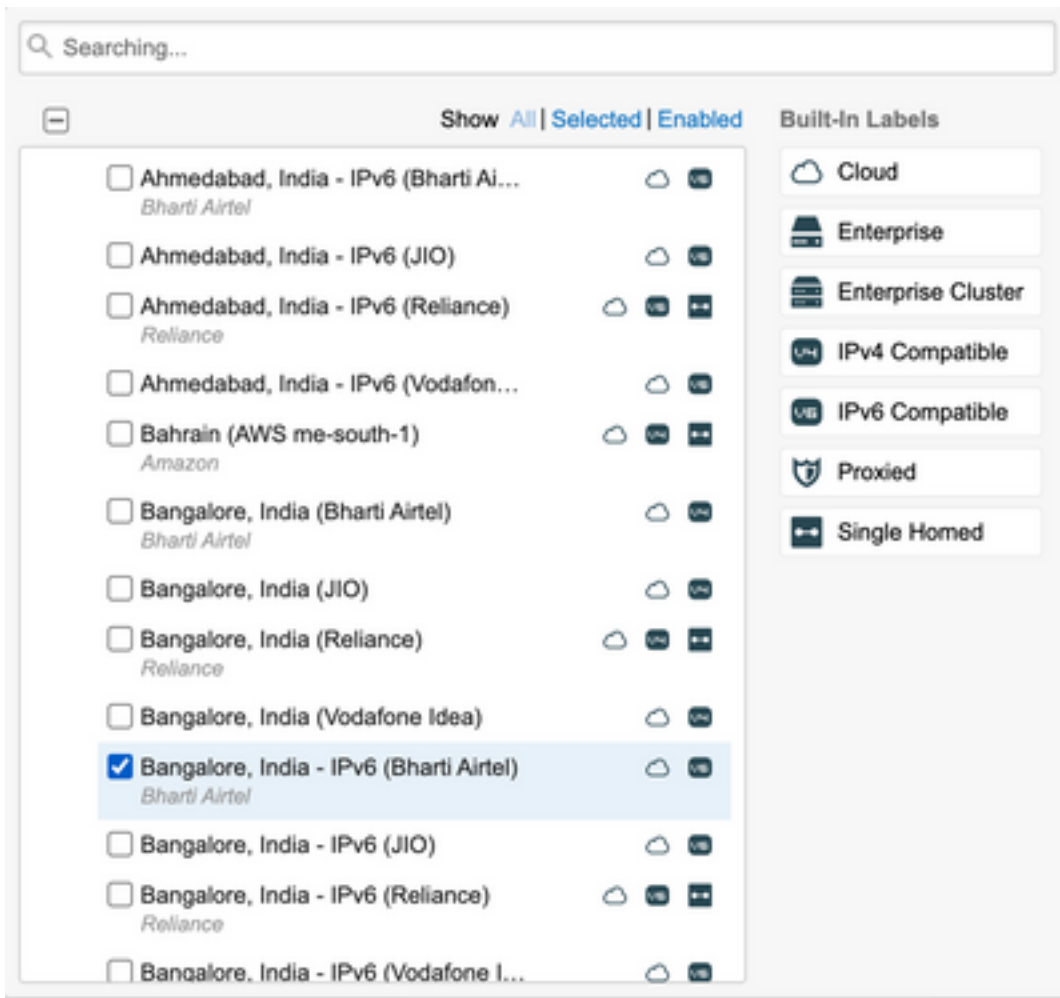
Schedule: Default Round-robin

Page Load Interval:

HTTP Server Interval:

Agents:

Alerts: Enable [Edit Alert Rules](#)



步骤 9 :

单击此复选框可启用警报。如果配置了任何自定义规则，您可以选择这些规则。

填写所有字段后，单击 Run Once 按钮，它执行测试并在新选项卡中显示结果。

如果结果令人满意，请单击**创建新测试**。

Tests Test Labels Credentials Repository


Add New Test

New Test

Layer Routing Network DNS Web Voice

Test Type HTTP Server Page Load Transaction FTP Server

Test Name https://cisco.service-now.com

Test Description page load 

Views Enabled for This Test

Web	Page Load
	HTTP Server
Network	Overview
	Path Visualization
Routing	BGP Route Visualization

Basic Configuration Advanced Settings

URL cisco.service-now.com

Schedule Default Round-robin

Page Load Interval 1 minute

HTTP Server Interval 1 minute

Agents Select agent(s)

Alerts Enable

4 of 5 alert rules selected [Edit Alert Rules](#)

Cancel Run Once Create New Test

验证

成功创建测试后，可以在 **Test Settings**。

单击该测试，即可显示其详细信息。

要查看结果并在将来运行测试，可以通过 **View** 菜单。

这些图像显示了执行后的测试结果：

Add New Test

Add a filter

Test name, description, type, target or label

Test Name	Type	Target	Alerts	Enabled
Baidu Recursive Resolver	DNS Server	partner.outlook.cn CNAME · UDP		<input checked="" type="checkbox"/>
cisco.com	Web - Page Load	https://www.cisco.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
eFeedLink Recursive Resolver	DNS Server	partner.outlook.cn CNAME · UDP		<input checked="" type="checkbox"/>
https://cisco.service-now.com	Web - Page Load	https://cisco.service-now.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Basic Configuration

Advanced Settings

Test Name: https://cisco.service-now.com

Test Description: page load

URL: https://cisco.service-now.com
Editing this field will require test credentials to be reentered

Schedule: Default Round-robin

Page Load Interval: 5 minutes

HTTP Server Interval: 5 minutes

Agents: 5 of 701 selected

Alerts: Enable
4 of 5 alert rules selected [Edit Alert Rules](#)

Cancel Run Once Save Changes

General Information

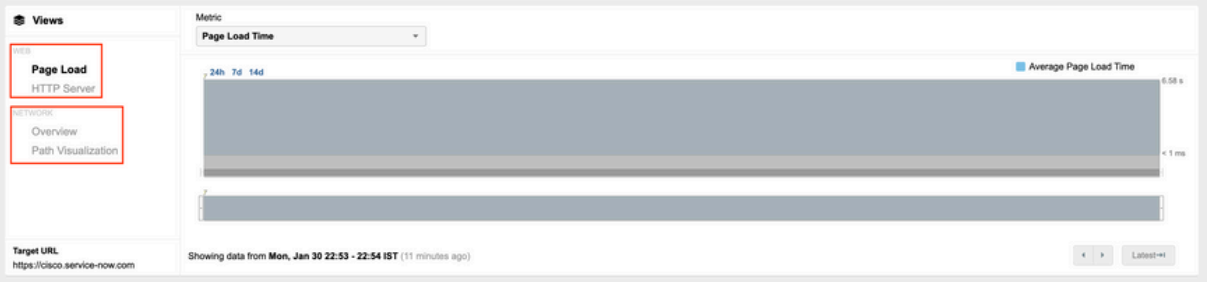
Sharing: [Share with other customers](#)
Created: By Gaurao Pullawar
Just now

Views Enabled for This Test

Web: Page Load, HTTP Server
Network: Overview, Path Visualization
Routing: BGP Route Visualization

- Cloud & Enterprise Agents
- Views
- New Views **Limited Availability**
- Test Settings
- Agent Settings
- BGP Monitors
- Endpoint Agents
- Devices
- Internet Insights
- Dashboards
- Alerts
- Sharing
- Account Settings

Instant Test: https://cisco.service-now.com Agent: All agents [Run Again](#) [Save](#) [Share](#)



Cloud & Enterprise Agents > Views

Instant Test: <https://cisco.service-now.com> Agent: All agents

Run Again Save Share

Metric: Availability

24h 7d 14d

Average Availability: 100%

0%

Target URL: <https://cisco.service-now.com> Showing data from Mon, Jan 30 22:53 - 22:54 IST (11 minutes ago)

Map Table

Details for all 5 agents

Status by Phase

- DNS: Errors from 1 agent
- Connect
- SSL
- Send
- Receive
- HTTP

Legend: Available (Green), Unavailable (Red)

Path Visualization

Showing: 1 of 1 Test 5 of 5 Agents 1 of 1 Server Hide IP Address labels

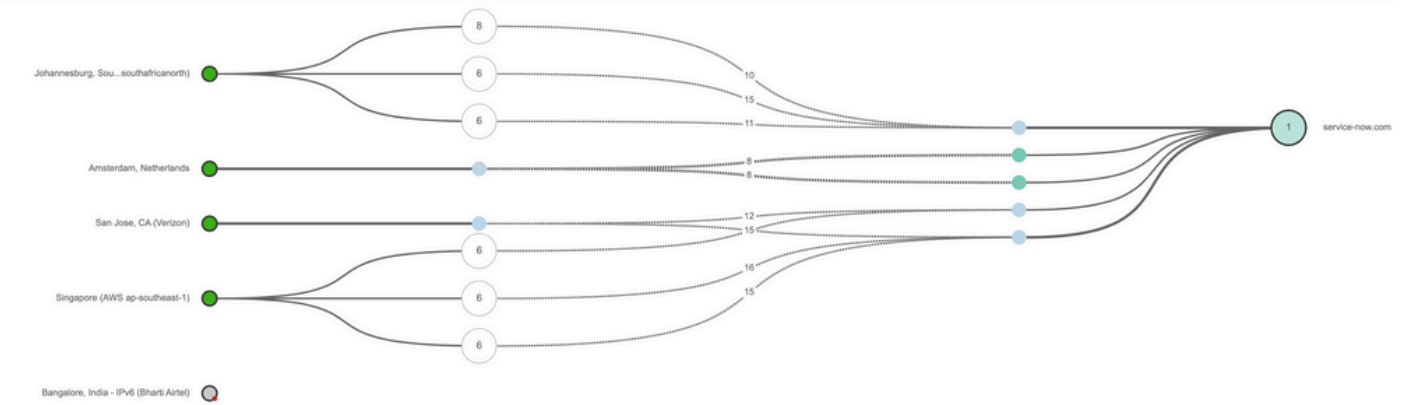
Grouping: Agents by Agent Interfaces by IP Address Destinations by Domain

Highlighting: Forwarding Loss > 10 % (0 nodes) Link Delay > 100 ms (2 links)

Selecting: Click a node or link Error (1) Info (2)

Highlight nodes that match all / any

Search on Network, Country, IP address, Prefix, or Title...



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思科采用人工翻译与机器翻译相结合的方式将此文档翻译成不同语言，希望全球的用户都能通过各自的语言得到支持性的内容。

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