

ThousandEyes

Let's begin on your journey to Thrive in a Connected World!

ThousandEyes Migration Feature

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@ThousandEyes

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Executive Summary



| What problem does this feature solve?

- ThousandEyes announced general availability for EU-multi-region cloud support on 16th-August-2022.
- The primary goal being to enable our customers to address any regulatory concerns they have that require SaaS or Cloud services to be based in the EU region data-center.
- With this launch it can be expected that some of our EMEA customers would wish to move their existing test settings from the US data-center to the EU data-center.
- Currently we do not have an automated process to assist customers in this endeavor.

| How does it solve the problem?

- With the help of this feature, customers can migrate their tests and other configuration from the US DC seamlessly to their account groups in the EU DC.
- The feature is scalable such that customers would not only be able to migrate their account group settings from US to EU but essentially from Account Group A to Account Group B as needed.

| Tech Stack

- Python3.8.9
- ThousandEyes Dev APIv6

Our Vision

Role-based Permission Control

You can define permission sets of different roles in your organization.

Show: Tests (7) ▾

🔍 Filter permissions by keyword

+ New Role

	👤 Organization Admin	Account Admin	Regular User
	📄	📄	📄
Can add or modify tests to consume over 100% resources	✓	✓	
Create web transaction tests	✓	✓	
Edit Path Visualization interface groups	✓	✓	
Edit tests	✓	✓	
Migrate tests	✓	✓	
View own live shares			✓
View sensitive data in web transaction scripts	✓	✓	
View tests	✓	✓	✓

Add a new permission to allow users to view the "Migrate Tests" feature

Tests Test Labels Credentials Repository

Add New Test

Migrate Tests

Add a filter ▾

Test name, description, type, target or label

22 deleted tests

Test Name ▲	Type	Target	Alerts	Enabled	
▶ Agent to Agent Test	Network - Agent to Agent	Slough, England:49153	✓	✓	...
▶ Agent to Server Test	Network - Agent to Server	89.64.58.56:24	✓	✓	...
▶ BGP Test	Routing - BGP	8.19.0.0/19	✓	✓	...
▶ DNS Server Test	DNS Server	teams.microsoft.com DNSKEY · T...	✓	✓	...
▶ DNS Trace Test	DNS Trace	teams.microsoft.com A · UDP	✓	✓	...
▶ DNSSEC Test	DNSSEC	teams.microsoft.com DS	✓	✓	...
▶ Example HTTP test with account group sharing set f...	Web - HTTP Server	https://www.thousandeyes.com	✓	✓	...
▶ FTP List test	Web - FTP Server	ftp://google:80/sff/asd/ad	✓	✓	...
▶ FTP Test	Web - FTP Server	sftp://google:80/~ /abc/xyz	✓	✓	...
▶ FTP Upload test	Web - FTP Server	ftp://google:80/xax	✓	✓	...
▶ HTTP Server Test	Web - HTTP Server	https://api.thousandeyes.com/v6/t...	✓	✓	...
▶ Page Load Test	Web - Page Load	https://teams.microsoft.com	✓	✓	...
▶ PCAP test	Network - Agent to Server	www.google.com:80		✓	...
▶ RTP Stream Test	Voice - RTP Stream	Frankfurt, Germany (Webex):3423	✓	✓	...
▶ RTP Stream Test 3	Voice - RTP Stream	Mumbai, India (Webex):49152	✓	✓	...

[Migrate Tests](#)

Migrate Tests feature visible
to users with "Migrate
Tests" permission

 22 deleted tests

Type	Target	Alerts	Enabled	
Network - Agent to Agent	Slough, England:49153	✓	<input checked="" type="checkbox"/>	...
Network - Agent to Server	89.64.58.56:24	✓	<input checked="" type="checkbox"/>	...
Routing - BGP	8.19.0.0/19	✓	<input checked="" type="checkbox"/>	...
DNS Server	teams.microsoft.com DNSKEY · T...	✓	<input checked="" type="checkbox"/>	...

Cloud Agent Test Migration

✕

Source and Target Account Group Selection

Account Group Token (Source)414d6591-f234-2342-9a7b-38eff9bfd1f7

Account Group Token (Target)56df-beccf3d7-3gh6-234f-67f6-67a9c94249we

CancelMigrate

Disclaimer

i

Migrating the tests will only migrate the test and not the associated test data. Tests can be migrated only for tests that have at least 1 Cloud Agents assigned. Enterprises Agents assigned to tests will not be migrated and will have to be assigned to the tests separately.

✕

Input Parameters

Enter the password for HTTP server -
https://www.thousandeyes.com, with username - aditya : password1

Enter the password for HTTP server -
https://api.thousandeyes.com/v6/tests.json, with username - test : password2

Enter the password for Page Load test (HTTP auth) - https://teams.microsoft.com,
with username - admin : password3

Migration Progress



Cloud Agent Test Migration

✕

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Account Group Token (Target)56df-beccf3d7-3gh6-234f-67f6-67a9c94249we

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https://www.thousandeyes.com, with username - aditya : password1

Enter the password for HTTP server -
https://api.thousandeyes.com/v6/tests.json, with username - test : password2

Enter the password for Page Load test (HTTP auth) - https://teams.microsoft.com,
with username - admin : password3

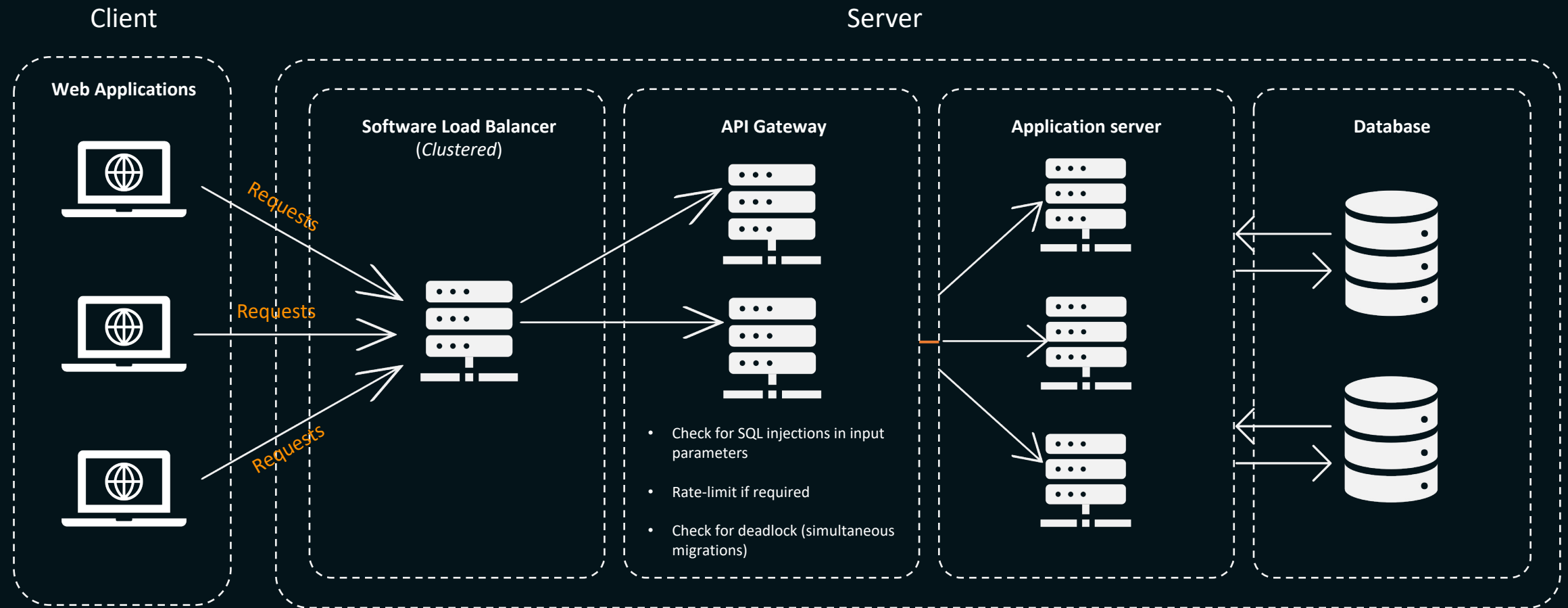
Migration Progress

Migration Completed !

[View Migration Logs](#)

System Design / High Level Architecture

Proposed Solution



Demo

[GitHub Repository - Click Here](#)



ThousandEyes