

# UA-Readiness of Popular Identity Platforms (Okta, Auth0, OpenIAM)

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## About Shirak Technologies (SHTE)

Shirak Technologies is a technology partner headquartered based in Armenia focused on IOT systems developments, business, and industrial solutions, as well as research, development, and maintenance services of complex systems and software platforms. Founded in 2001, the company has always been on the forefront of the high-tech industry, backed up with innovations and inventions. We compete in a price-centric and innovation-centric development environment, we invest and highly value education, corporate culture, and exceedingly incentivize innovative thinking to promote an informed atmosphere among teams and professionals.



## Introduction

This report outlines research and analysis conducted to determine the Universal Acceptance (UA)-readiness of some popular identity platforms while using internationalized email addresses (EAI) and email addresses with long top-level domains (TLDs). The findings of this study will be used for future recommendations with an objective to improve UA.

## Executive Summary

Universal Acceptance (UA) is the concept that all valid domain names and email addresses should be treated equally. However, many Internet resources having traditionally developed security validations and constraints that reject Internationalized Domain Names (IDNs) and new long TLDs. While users have more choice in the domain name industry, the range of validations and rules to filter identity formats on various platforms remain outdated. These limitations prevent users from being able to use the domain name or email address of their choice, which include those in local languages.

The objective of this research is to identify UA-related gaps in a few of proprietary and open-source identity platforms. The findings will help platform vendors and Internet-enabled key players and applications become UA-ready in an effort to build a more inclusive Internet.

## Test Methodology

The test was run on the front-end platform, HyeConnect, in a test environment (a social network platform that works through invitations model). The integration of several identity platforms with the HyeConnect social media platform was implemented: OKTA, Auth0, and OpenIAM. Below are the supported versions:

### Identity Platforms:

- Okta: version 2022.05.0
- Auth0: version 2202.03 (30269.1762)
- OpenIAM: version 4.2.1.2

The tests were implemented as automated QA running on the test platform of HyeConnect, written in Java and using the Selenium environment. The tests were run on different web browsers:

**Browsers:**

- Google Chrom: 102.0.5005.63
- Edge: 107.0.1418.35 (64 bit)
- Firefox: 90.0

**Operating Systems:**

- Windows: Windows 10
- Ubuntu: 22.04 LTS

**Email Server:**

- Microsoft Exchange, 2019 Server

The test cases include all major uses of the identity tools which deal with input, validation, processing, storage, and display of the different categories of domain names and email addresses identified as relevant for UA (including domain names with new TLDs, long TLDs, IDNs, and email addresses with Unicode@IDN and Unicode@ASCII-domain-name).

As a result of the test run, the logs generated are the basis for further analysis and reporting. The results of the categorized outcomes are provided to capture any possible gaps and are tagged with pass/fail options. The list of bug reports will be included in the reporting documentation. It will include the following results:

- Test results on whether the enabled identity platform supports authentication flow for new gTLDs or IDNs with EAI.
- Test results on whether the enabled identity platform remembers/stores EAI and new gTLDs or IDNs.
- Test results on whether the enabled identity platform is able to work with all types of URLs in its own systems.
- Test results on whether the implementation of OAuth follows to underlying Open Authentication standard requirements, "OAuth."
- <https://en.wikipedia.org/wiki/OAuth> for UA-readiness.

## Test Cases

The following test cases were identified and ran within the scope of the given project:

**Test 1:****Register new account on HyeConnect (signup flow)**

**Scenario:** The registered user on HyeConnect invites a new user that has an EAI account to get registered on the platform.

**Applicability:** HyeConnect applications ideally must allow usage of EAI email addresses in all steps of signup workflow: perform an entry of EAI and pass validation, store, process, and visualize EAI. As a result, an invitation email is sent to the invited user with EAI (a token for signup).

**Step #1 :** Visit invite page in user profile section of HyeConnect social network platform and invite a new user to the platform by entering EAI account details and click invite.



- Step #2 : Login to webmail of the given email account, check received HyeConnect invite email, and click on the registration link (a token) in the mail body to get signed up.
- Step #3 : The link will redirect user to a signup page on HyeConnect for a dialog.
- Step #4: Fill in the necessary details and password to register a new account on HyeConnect.

### Test 2:

#### Authenticate the user account (sign-in flow)

- Scenario: The user attempts to login into HyeConnect account having already registered EAI account and access credentials.
- Applicability: HyeConnect applications ideally must allow user to pass validation of pre-registered EAI email address in signup flow to perform an entry of EAI and pass validation, store, process and visualize EAI, while getting signed-in to the platform.
- Step #1: Visit home page of HyeConnect social network platform and click on sign-in button.
- Step #2: Enter EAI ID and password credentials to get signed in using pre-registered email account.

### Test 3:

#### Authenticate user account through forget password in HyeConnect

- Scenario: The user may get authenticated while using their own EAI account in the social network platform to reset the password.
- Applicability: HyeConnect applications ideally must allow user to identify if EAI address exists as a registered user to send a reset email to the given addressee for resetting account password.
- Step #1: Visit home page of HyeConnect social network platform and click on forget password link.
- Step #2: Fill in EAI account details in the mail prompt of forget password modal and click send.
- Step #3: Login to webmail of the given email account, check HyeConnect link in the mail body to reset password.
- Step #4: Enter the new password and reset the password.



#### Test 4:

##### **Authenticate user account in HyeConnect through OKTA**

- Scenario: The user passes two-factor authentication using its own EAI account through OKTA identity platform.
- Applicability: HyeConnect applications ideally must allow user to validate its email identity performing OKTA verification, and to sign in.
- Step #1: Visit profile page of HyeConnect and in settings submenu, activate two-factor authentication as well as identity type to use – OKTA.
- Step #2: Sign out
- Step #3: Visit home page of HyeConnect social network platform and click on OKTA authentication.
- Step #4: Sign in with pre-signed email account credentials (EAI) in webmail.
- Step #5: Get 6-digit code from OKTA to enter and sign in.

#### Test 5:

##### **Authenticate user account in HyeConnect through Auth0**

- Scenario: The user passes two-factor authentication using its own EAI account and Auth0 identity platform.
- Applicability: HyeConnect applications ideally must allow user to validate its EAI email address in the first step and then on second step while performing Auth0 verification to sign in.
- Step #1: Visit profile page of HyeConnect, and in settings submenu activate two-factor authentication as well as identity type to use – Auth0.
- Step #2: Sign out
- Step #3: Visit home page of HyeConnect social network platform and click on Auth0 authentication.
- Step #4: Sign in with pre-signed email account credentials (EAI) in mobile App Guardians.
- Step #5: Get 6-digit code from app to enter in the prompt and sign in.

#### Test 6:

##### **Authenticate user account in HyeConnect through OpenIAM**

- Scenario: The user passes two-factor authentication using its own EAI account and OpenIAM identity platform.



**Applicability:** HyeConnect applications ideally must allow user to validate its EAI email address in the first step and then on second step while performing OpenIAM verification to sign in.

**Step #1:** Visit profile page of HyeConnect, and in settings submenu activate two-factor authentication as well as identity type to use – OpenIAM.

**Step #2:** Sign out

**Step #3:** Visit home page of HyeConnect social network platform and click on OpenIAM authentication.

**Step #4:** Sign in with pre-signed email account credentials (EAI) in webmail.

**Step #5:** Get 6-digit code from OpenIAM to enter and sign in.

#### **Test 7:**

##### **Authenticate user account through 2-Factor (2F) authentication in HyeConnect using OKTA**

**Scenario:** The user passes two-factor authentication using its own EAI account through OKTA identity platform.

**Applicability:** HyeConnect applications ideally must allow user to validate its email identity performing OKTA verification, and to sign in.

**Step #1:** Visit profile page of HyeConnect, and in settings submenu, activate two-factor authentication as well as identity type to use – OKTA.

**Step #2:** Sign out

**Step #3:** Visit home page of HyeConnect social network platform and click on OKTA authentication.

**Step #4:** Sign in with pre-signed email account credentials (EAI) in webmail.

**Step #5:** Get 6-digit code from OKTA to enter and sign in.

#### **Test 8:**

##### **Authenticate user account through two-factor authentication in HyeConnect using Auth0**

**Scenario:** The user pass two-factor authentication using its own EAI account and Auth0 identity platform.

**Applicability:** HyeConnect applications ideally must allow user to validate its EAI email address in the first step and then on second step while performing Auth0 verification to sign in.

**Step #1:** Visit profile page of HyeConnect, and in settings submenu, activate two-factor authentication as well as identity type to use – Auth0.





- Step #2: Sign out
- Step #3: Visit home page of HyeConnect social network platform and click on Auth0 authentication.
- Step #4: Sign in with pre-signed email account credentials (EAI) in mobile App Guardians.
- Step #5: Get 6-digit code from app to enter in the prompt and sign in.

#### Test 9:

##### **Authenticate user account through two-factor authentication in HyeConnect using OpenIAM**

- Scenario: The user pass two-factor authentication using their own EAI account and OpenIAM identity platform.
- Applicability: HyeConnect applications ideally must allow user to validate its EAI email address in the first step and then on second step while performing OpenIAM verification to sign in.
- Step #1: Visit profile page of HyeConnect, and in settings submenu, activate two-factor authentication as well as identity type to use – OpenIAM.
- Step #2: Sign out
- Step #3: Visit home page of HyeConnect social network platform and click on OpenIAM authentication.
- Step #4: Sign in with pre-signed email account credentials (EAI) in webmail.
- Step #5: Get 6-digit code from OpenIAM to enter and sign in.

#### Test 10:

##### **Verify whether view/display/store of the characters in local language scripts are intact**

- Scenario: The test is assigned to verify whether EAI is displayed in local language scripts.
- Applicability: HyeConnect applications ideally must allow user to validate its EAI email address in the first step and then on second step while performing OpenIAM verification to sign in.
- Step #1: Visit profile page of HyeConnect, and in settings submenu, activate two-factor authentication.



## Test Candidate Email Addresses

The list of email addresses as test candidates are given below.

#	Name	E-mail	Comments
1	ua-sso-test1	<a href="mailto:ua-sso-test1@webmail.testo.xyz">ua-sso-test1@webmail.testo.xyz</a>	
2	Armenian	<a href="mailto:Էլփոստ-թեստ1@հայփոխարկայնայն-ընկալման-թեստ.հայ">Էլփոստ-թեստ1@հայփոխարկայնայն-ընկալման-թեստ.հայ</a>	
3	ASCII-aLabel Arabic	<a href="mailto:email-test1@بـيـمـاـيـل-القبول-الموسم">email-test1@بـيـمـاـيـل-القبول-الموسم</a>	(LTR)
4	Cyrillic	<a href="mailto:почта-тест1@универсальное-принятие-тест.москва">почта-тест1@универсальное-принятие-тест.москва</a>	
5	Devanagari	<a href="mailto:ईमेल-परीक्षण1@सार्वभौमिक-स्वीकृति-परीक्षण.संगठन">ईमेल-परीक्षण1@सार्वभौमिक-स्वीकृति-परीक्षण.संगठन</a>	
6	Ethiopic	<a href="mailto:ኢሜይል-ሙከራ1@ሁለንተናዊ-ተቀባይነት-ሙከራ.com">ኢሜይል-ሙከራ1@ሁለንተናዊ-ተቀባይነት-ሙከራ.com</a>	
7	Greek	<a href="mailto:ηλεκτρονικό-μήνυμα-δοκιμή1@καθολική-αποδοχή-δοκιμή.eu">ηλεκτρονικό-μήνυμα-δοκιμή1@καθολική-αποδοχή-δοκιμή.eu</a>	
8	Hangul	<a href="mailto:이메일테스트1@다국어도메인이용환경테스트.한국">이메일테스트1@다국어도메인이용환경테스트.한국</a>	
9	Latin using .org	<a href="mailto:email-épreuve1@épreuve-acceptation-universelle.org">email-épreuve1@épreuve-acceptation-universelle.org</a>	
10	Latin	<a href="mailto:Email-test1@universales-akzeptanz-test.vermögensberatung">Email-test1@universales-akzeptanz-test.vermögensberatung</a>	
11	Malayalam	<a href="mailto:ഇമെയിൽ-പരീശോധന1@സാർവത്രിക-സ്വീകാര്യതാ-പരീശോധന.ഭാരതം">ഇമെയിൽ-പരീശോധന1@സാർവത്രിക-സ്വീകാര്യതാ-പരീശോധന.ഭാരതം</a>	
12	new-long, Long ASCII	<a href="mailto:email-test1@universal-acceptance-test.international">email-test1@universal-acceptance-test.international</a>	
13	new-short, Short ASCII	<a href="mailto:email-test1@universal-acceptance-test.icu">email-test1@universal-acceptance-test.icu</a>	
14	Arabic	<a href="mailto:بـيـمـاـيـل-القبول-الموسم1@بـيـمـاـيـل-القبول-الموسم">بـيـمـاـيـل-القبول-الموسم1@بـيـمـاـيـل-القبول-الموسم</a>	(RTL)
15	Thaana	<a href="mailto:com.އިމެއިލް-ޓެސްޓް1@އިމެއިލް-ޓެސްޓް">com.އިމެއިލް-ޓެސްޓް1@އިމެއިލް-ޓެސްޓް</a>	(RTL)
16	Simplified Chinese	<a href="mailto:电子邮件测试1@普遍适用测试.我爱你">电子邮件测试1@普遍适用测试.我爱你</a>	
17	Tamil	<a href="mailto:மின்னஞ்சல்-சோதனை1@பொது-ஏற்பு-சோதனை.சிங்கப்பூர்">மின்னஞ்சல்-சோதனை1@பொது-ஏற்பு-சோதனை.சிங்கப்பூர்</a>	
18	Telugu	<a href="mailto:ఇమెయిల్-పరీక్ష1@యూనివర్సల్-ఆమోదం-పరీక్ష.భారత్">ఇమెయిల్-పరీక్ష1@యూనివర్సల్-ఆమోదం-పరీక్ష.భారత్</a>	
19	Thai	<a href="mailto:อีเมลทดสอบ1@เผยแพร่ทดสอบ.ไทย">อีเมลทดสอบ1@เผยแพร่ทดสอบ.ไทย</a>	
20	Tibetan	<a href="mailto:ཐྱུག་ལེན་པ་དུས་ཀྱི་1@འཕུལ་བྱེད་པ་ལེན་པ་དུས་.COM">ཐྱུག་ལེན་པ་དུས་ཀྱི་1@འཕུལ་བྱེད་པ་ལེན་པ་དུས་.COM</a>	
21	Traditional Chinese	<a href="mailto:電子郵件測試1@普遍適用測試.台灣">電子郵件測試1@普遍適用測試.台灣</a>	
22	Email-Épreuve1	<a href="mailto:Email-Épreuve1@épreuve-acceptation-universelle.org">Email-Épreuve1@épreuve-acceptation-universelle.org</a>	



## Test Results and Findings

The pilot study was performed on the following identity platforms:

- Proprietary Identity Platform:
  - OKTA
  - Auth0
- Open-Source Identity Platform:
  - OpenIAM

The front-end platform used is HyeConnect ([www.hyeconnect.org](http://www.hyeconnect.org))

- The test automation is developed and run on the Selenium platform. The code is written in Java, running on [www.hyeconnect.org](http://www.hyeconnect.org) platform, and performed validations as per the test scenarios described in test cases section (test 1-9). Test 10 is performed out of Selenium scope.

Selenium takes the email addresses from the external list (that can be updated at any time) to run passing through all addresses and for each email address performing the following:

- A. Send invitation
- B. User Registration
- C. Switch Authentication (to next SSO)
- D. Login
- E. Logout
- F. Forget password
- G. Login after password reset

Send invitation, registration, forget password, and login after password reset, can be performed on HyeConnect platform native authentication mechanisms. The platform can sign up a new user in “invitation only” mode.

Switch Authentication means to register a new user through API to the given SSO platform (e.g., register a new user in OKTA). Thus, with third-party SSO platforms, validation refers to register a new use in SSO, login, and logout.

Below is the test report summary that is auto-generated on HyeConnect’s internal portal:

- **MS Exchange** cannot handle valid EAls as a mail sender

HyeConnect platform is using invitation-based registration of the users by using MS Exchange as a mail sender. The following mail addresses fail to send on MS Exchange version 2019:

- [почта-тест1@универсальное-принятие-тест.москва](mailto:почта-тест1@универсальное-принятие-тест.москва)
- [மின்னஞ்சல்-சசோதனன1@போது-ஏற்பு-சசோதனன.சிங்கப்பூர்](mailto:மின்னஞ்சல்-சசோதனன1@போது-ஏற்பு-சசோதனன.சிங்கப்பூர்)
- **MS Office** linkification issue

Microsoft Office cannot recognize and display EAls with linkification as follows:

- [ኢሜይል-መከራ1@ሁለንተናዊ-ተቀባይነት-መከራ.com](mailto:ኢሜይል-መከራ1@ሁለንተናዊ-ተቀባይነት-መከራ.com) (Ethiopic)
- [이메일테스트1@다국어도메인이용환경테스트.한국](mailto:이메일테스트1@다국어도메인이용환경테스트.한국) (Hangul)
- [ഇമെയിൽ-പരിശോധന1@സാർവത്രിക-സമീകാര്യതാ-പരിശോധന.ഭാരതം](mailto:ഇമെയിൽ-പരിശോധന1@സാർവത്രിക-സമീകാര്യതാ-പരിശോധന.ഭാരതം) (Malayalam)
- [མྱེན་འཕྱིན་བརྟན་དཔྱད1@ཡོངས་ཁྱབ་ངོས་འཕྱིན་བརྟན་དཔྱད.com](mailto:མྱེན་འཕྱིན་བརྟན་དཔྱད1@ཡོངས་ཁྱབ་ངོས་འཕྱིན་བརྟན་དཔྱད.com) (Tibetan)





The above regex recommendations are given just as a reference that one may use while developing UA-compliant validators on their own platforms. The given expressions may not be sufficient or completely correct if the validation is too conservative. Note that none of these are perfect. Using them to warn about probable invalid addresses should be acceptable but should not be used for automatically rejecting candidate addresses.

## Test Case Run Flow

The test cases were run through Jenkins pipeline and the following results are generated as given below. The failures are shown in red, and the skips relate inability to continue the test from the failure step.

Case Name	Date	Browser	Platform	Send invitation	Registration	SSO authentication	Authentication	Authentication	Login	Send finger password email	Login with new password	End Result
1. yasser.mast1@blackmail-test.co.jp	2023/01/09 01:28:04	Google Chrome	Hyperconnect	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
2. yghmnpa0u01@blackmail-test.co.jp	2023/01/09 01:28:05	Google Chrome	Hyperconnect	Pass	Pass	Fail/NotNecessary	Stop	Stop	Stop	Pass	Pass	Fail
3. amir.mast1@blackmail-test.co.jp	2023/01/09 01:27:50	Google Chrome	Hyperconnect	Pass	Pass	Fail/NotNecessary	Stop	Stop	Stop	Pass	Pass	Fail
4. yghmnpa0u01@blackmail-test.co.jp	2023/01/09 01:27:51	Google Chrome	Hyperconnect	Pass	Pass	Fail/NotNecessary	Stop	Stop	Stop	Pass	Pass	Fail
5. yghmnpa0u01@blackmail-test.co.jp	2023/01/09 01:27:52	Google Chrome	Hyperconnect	Pass	Pass	Fail/NotNecessary	Stop	Stop	Stop	Pass	Pass	Fail
6. yghmnpa0u01@blackmail-test.co.jp	2023/01/09 01:27:53	Google Chrome	Hyperconnect	Pass	Pass	Fail/NotNecessary	Stop	Stop	Stop	Pass	Pass	Fail
7. yghmnpa0u01@blackmail-test.co.jp	2023/01/09 01:27:54	Google Chrome	Hyperconnect	Pass	Pass	Fail/NotNecessary	Stop	Stop	Stop	Pass	Pass	Fail
8. yghmnpa0u01@blackmail-test.co.jp	2023/01/09 01:27:55	Google Chrome	Hyperconnect	Pass	Pass	Fail/NotNecessary	Stop	Stop	Stop	Pass	Pass	Fail



## How to Reproduce the Errors





## Tickets and Follow-up

The tickets were opened on the support page with OKTA and OpenIAM.

OKTA Ticket details:

----- Original Message -----

Subject: Okta has received your support request! Case Number 01612779.

ref:\_00DA0KWYD.\_5004z1IDIM2:ref

Date: 2023-01-10 17:44

From: Okta Support <[support@okta.com](mailto:support@okta.com)>

To: "[developer@ihost.am](mailto:developer@ihost.am)" <[developer@ihost.am](mailto:developer@ihost.am)>

Hi Avetik Yessayan,

Your support request (01612779) has been received by Okta Global Customer Care.

Subject: UA Readiness support for EAI

Description: OKTA is not supporting some Email Addresses International (EAI) mentioned below. An error occurs on a new user registration in OKTA while using Rest API call <https://dev-25957965.okta.com/api/v1/users?provider=false>

The failing email addresses are as follows:

[тест1@хостинг-универсальное-принятие-тест.москва](mailto:тест1@хостинг-универсальное-принятие-тест.москва)

[email-test@تجربة-القبول-الشامل.موريتانيا](mailto:email-test@تجربة-القبول-الشامل.موريتانيا) 1 [почта-тест1@универсальное-принятие-тест.москва](mailto:почта-тест1@универсальное-принятие-тест.москва)

[ईमेल-परीक्षण1@सार्वभौमिक-स्वीकृति-परीक्षण.संगठन](mailto:ईमेल-परीक्षण1@सार्वभौमिक-स्वीकृति-परीक्षण.संगठन)

[አሜሪካ-መከራ-1@ሁለንተናዊ-ተቀባይነት-መከራ.com](mailto:አሜሪካ-መከራ-1@ሁለንተናዊ-ተቀባይነት-መከራ.com)

[ηλεκτρονικό-μήνυμα-δοκιμή1@καθολική-αποδοχή-δοκιμή.ευ](mailto:ηλεκτρονικό-μήνυμα-δοκιμή1@καθολική-αποδοχή-δοκιμή.ευ)

[이메일테스트1@다국어도메인이용환경테스트.한국](mailto:이메일테스트1@다국어도메인이용환경테스트.한국)

[email-épreuve1@épreuve-acceptation-universelle.org](mailto:email-épreuve1@épreuve-acceptation-universelle.org)

[Email-test1@universales-akzeptanz-test.vermögensberatung](mailto:Email-test1@universales-akzeptanz-test.vermögensberatung)

[ഇമെയിൽ-പരിശോധന1@സാർവത്രിക-സ്വീകാര്യതാ-പരിശോധന.ഭാരതം](mailto:ഇമെയിൽ-പരിശോധന1@സാർവത്രിക-സ്വീകാര്യതാ-പരിശോധന.ഭാരതം)

[تجربة-بريد-الالكتروني1@تجربة-القبول-الشامل.موريتانيا](mailto:تجربة-بريد-الالكتروني1@تجربة-القبول-الشامل.موريتانيا)

[உமேயில்-பரிசோதனை1@பொது-ஏற்பு-சோதனை.சிங்கப்பூர்](mailto:உமேயில்-பரிசோதனை1@பொது-ஏற்பு-சோதனை.சிங்கப்பூர்)

[电子邮件测试1@普遍适用测试.我爱你](mailto:电子邮件测试1@普遍适用测试.我爱你)

[மின்னஞ்சல்-சோதனை1@பொது-ஏற்பு-சோதனை.சிங்கப்பூர்](mailto:மின்னஞ்சல்-சோதனை1@பொது-ஏற்பு-சோதனை.சிங்கப்பூர்)

[ಇಮೇಯಲ್-ಪರೀಕ್ಷೆ1@ಯೂನಿವರ್ಸಲ್-ಆಮೋದಂ-ಪರೀಕ್ಷೆ.ಭಾರತ](mailto:ಇಮೇಯಲ್-ಪರೀಕ್ಷೆ1@ಯೂನಿವರ್ಸಲ್-ಆಮೋದಂ-ಪರೀಕ್ಷೆ.ಭಾರತ)

[อีเมลทดสอบ1@ยูนิเวอร์แซล-การยอมรับ-ทดสอบ.ไทย](mailto:อีเมลทดสอบ1@ยูนิเวอร์แซล-การยอมรับ-ทดสอบ.ไทย)

[អ៊ីម៉ែល-តេស្ត-១@អ៊ីម៉ែល-តេស្ត-១.កម្ពុជា](mailto:អ៊ីម៉ែល-តេស្ត-១@អ៊ីម៉ែល-តេស្ត-១.កម្ពុជា)

[電子郵件測試1@普遍適用測試.台灣](mailto:電子郵件測試1@普遍適用測試.台灣)

We want to help you resolve this problem as quickly as possible, and we will look into this issue promptly.

Please be sure to check our Knowledge base or our Communities. We may have an answer for you already posted!

Thank You,  
Okta Global Customer Care





ref:\_00DA0KWYD.\_5004z1IDIM2:ref

----- Original Message -----

Subject: UA Readiness support for EAI [ ref:\_00DA0KWYD.\_5004z1IDIM2:ref ]  
Date: 2023-01-10 19:11  
From: Okta Support <[support@okta.com](mailto:support@okta.com)>  
To: "[developer@ihost.am](mailto:developer@ihost.am)" <[developer@ihost.am](mailto:developer@ihost.am)>

Hello Avetik,

My name is Beau Mayeux and I will be assisting you with this case regarding UA Readiness support for EAI.

Those characters are not supported. Please refer to KB article for your reference.

[https://support.okta.com/help/s/article/What-characters-are-supported-in-the-Okta-email-address-field?language=en\\_US](https://support.okta.com/help/s/article/What-characters-are-supported-in-the-Okta-email-address-field?language=en_US)

Regards,  
Beau Mayeux

ref:\_00DA0KWYD.\_5004z1IDIM2:ref

----- Original Message -----

Subject: UA Readiness support for EAI [ ref:\_00DA0KWYD.\_5004z1IDIM2:ref ]  
Date: 2023-01-13 13:35  
From: Okta Support <[support@okta.com](mailto:support@okta.com)>  
To: "[developer@ihost.am](mailto:developer@ihost.am)" <[developer@ihost.am](mailto:developer@ihost.am)>

Hello Avetik,

I have also found that you can submit a feature request for this as it is currently not supported with the steps below.

[https://support.okta.com/help/s/article/Okta-Ideas-Overview-FAQ?language=en\\_US](https://support.okta.com/help/s/article/Okta-Ideas-Overview-FAQ?language=en_US)

Please let me know if you require any further assistance or have any further questions.

Open IAM ticket content is given below, however no response from their site:

#### **OpenIAM TICKET: Universal Acceptance Readiness Support**

OpenIAM is not supporting some Email Addresses International (EAI) as given below, to register them in OpenIAM with Rest API call

**([\[openiamhostname\]/webconsole/rest/api/](#)**  
**[/prov/saveUser](#)****)**.

To replicate the error please do 2-step requests:



### **Step 1: Request Access Token**

OpenIAM version: 4.1.0.9, docker containers

Postman Call: [https://<IP\\_address>/idp/oauth2/token](https://<IP_address>/idp/oauth2/token) //OpenIAM local server

Request type: post

Body Format: x-www-form-urlencoded

Body:

key: client\_id; value: \${client\_id}  
key: client\_secret; value: \${client\_secret}  
key: username; value: \${username}  
key: password; value: \${password}  
key: grant\_type; value: password

Response message:

```
{
  "access_token":
  "PTpmh2.cCwkAYAQXb7rXL_Y7BdlOajBOt0IPve6274Sb3BW07yfAxluqkfVrMnvWV.kOUVF
  SSgJmgT-DvCD3sjtL3gqN18",
  "token_type": "Bearer",
  "expires_in": 1800
}
```

*Copy <access\_token> and <token\_type> values from the response to use it in step 2*

### **Step 2: Request to get register a new user**

Email to register: [\[email\\_address\]](#) // for each email address failing given below

Postman URL: [https://<IP\\_address>/webconsole/rest/api/prov/saveUser](https://<IP_address>/webconsole/rest/api/prov/saveUser)

Request type: post

Body Format: json

Headers:

key: Authorization  
value: <token\_type> <access\_token> //get from step 1

Body:

```
{
  "emailAddresses": [
    {
      "email": "[email_address]",
      "typeId": "PRIMARY_EMAIL",
      "published": true
    }
  ],
  "firstName": "ua-name",
  "lastName": "ua-name",
  "login": "[email_address]",
  "roleIds": null,
  "visible": true,
  "supervisorId": "3000",
  "supervisorMetadataTypeId": "DEF_SUPERVISOR_TYPE",
  "metadataTypeId": "DEFAULT_USER",
  "notifyUserViaEmail": false,
  "notifySupervisorViaEmail": false,
  "provisionOnStartDate": false
}
```

Response message:



```
{
  "primaryKey": null,
  "status": 500,
  "errorList": [
    {
      "i18nError": null,
      "error": "INVALID_EMAIL_ADDRESS",
      "validationError": null,
      "params": null,
      "message": "E-mail address has an invalid format"
    }
  ],
  "redirectURL": null,
  "successToken": null,
  "successMessage": null,
  "contextValues": null,
  "stackTrace": null,
  "possibleErrors": null,
  "error": true
}
```

#### Below are the failing email addresses:

email-test@تجربة-القبول-الشامل.موريتانيا 1  
почта-тест1@универсальное-принятие-тест.москва  
ईमेल-परीक्षण1 @सर्वभौमिक-स्वीकृति-परीक्षण.संगठन  
ኢሜይል-መከራ.1 @ሁለንተናዊ-ተቀባይነት-መከራ.com  
ηλεκτρονικό-μήνυμα-δοκιμή1@καθολική-αποδοχή-δοκιμή.eu  
이메일테스트1@다국어도메인이용환경테스트.한국  
email-épreuve1@épreuve-acceptation-universelle.org  
ഇമെയിൽ-പരിശോധന1@സാർവത്രിക-സമീ കാര്യാലയ-പരിശോധന.ഭാരതം  
تجربة-بريد-الالكتروني@تجربة-القبول-الشامل.موريتانيا  
ኢሜይል-መከራ.1@ሁለንተናዊ-ተቀባይነት-መከራ.com  
电子邮件测试1@普遍适用测试.我爱你  
மின்னஞ்சல்-சோதனை1@பொது-ஏற்பு-சோதனை.சிங்கப்பூர்  
ಇಮೆಯಿಲ್-ಪರೀಕ್ಷ1@ಯೂನಿವರ್ಸಲ್-ಆಮೋದಂ-ಪರೀಕ್ಷ.ಭಾರತ್  
อีเมลทดสอบ1@ยูเอชเอ.ไทย  
អ៊ីម៉ែលតេស្ត1@យូអេសអេស.កម្ពុជា.com  
電子郵件測試1@普遍適用測試.台灣

Issues identified on WHM (cPanel)

#### While creating a new account in WHM with IDN

1. Login to WHM
2. Go to Account Functions / Create a New Account
3. Type your IDN in Domain field of Domain Information section. ex. pṭuṣ.hwṡ



4. You will get an error: This is not a valid domain.

Domain Information

Domain  ❗ This is not a valid domain.

#### While creating a new email address in WHM (EAI)

1. Login to WHM
2. Go to Account Functions / Create a New Account
3. Type your IDN email address in Domain Information section. ex.  
Էլփոստ@թեսթ.հայ
4. You will get an error:

Email  ❗ The email field must be empty or an email address.

#### Create a new email address

1. Login to cPanel
2. Go to Email -> Email accounts
3. Press +Create button
4. Type custom non-Latin letter in username field
5. You will get an error: The username can only contain letters, numbers, periods, hyphens, and underscores.

CREATE AN EMAIL ACCOUNT Show/Hide Help ⓘ

Username ⓘ  Missing a domain?

❗ The username can only contain letters, numbers, periods, hyphens, and underscores.



## Summary

UA-Readiness testing was run as automation tests as per the given workflow taking each email address from the predefined list as a test case with the following results:

1. As email addresses in general are not case-sensitive, therefore the given email address listed in position 22 ([Email-Épreuve1@épreuve-acceptation-universelle.org](mailto:Email-Épreuve1@épreuve-acceptation-universelle.org)) is matching to email addresses in a position of 9 ([email-épreuve1@épreuve-acceptation-universelle.org](mailto:email-épreuve1@épreuve-acceptation-universelle.org)). In our flow email at position 22 is identified as already a registered user. Therefore, in total we consider having 21 email addresses for reporting, by considering that email address 22 is a duplication.
2. Authentication platform **Auth0** passed all email address validations throughout the given test flow.
3. Authentication platform **OKTA** passed only 3 email address validations and failed in 18 email addresses.
4. Authentication platform **OpenIAM** passed only 5 email address validations and failed in 16 email addresses.
5. Microsoft **Exchange** unable to send out 2 email addresses by defining them invalid.

Below is given the chart about pass percentages for target platforms:



91%

Exchange  
Server 2019

Used as a mail  
sender for EAls



24%

OpenIAM  
v.4.1.0.9

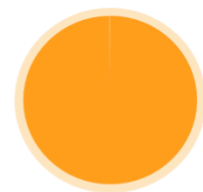
Open Source SSO  
Target Platform



14%

OKTA  
2022.05.0

Open Source SSO  
Target Platform



100%

Auth0  
2202.03 (30269.1762)

Open Source SSO  
Target Platform



## ANNEX 1

### How to Reproduce the Errors

Below are steps on how to reproduce each reported failure and related parameter details.

Email #	EMAIL ADDRESS	ACTION	ERROR MESSAGE
2	<a href="mailto:Էլփոստ-թեստ1@համընդհանուր-ընկալում-թեստ.հայ">Էլփոստ-թեստ1@համընդհանուր-ընկալում-թեստ.հայ</a>	Register a new user in OKTA	<p>The email doesn't pass OKTA's internal validation to register a new user.</p> <p>OKTA User: <a href="mailto:developer@ihost.am">developer@ihost.am</a></p> <p>OKTA Sign-in URL: dev-25957965.okta.com</p> <p>Email to register: <a href="mailto:Էլփոստ-թեստ1@համընդհանուր-ընկալում-թեստ.հայ">Էլփոստ-թեստ1@համընդհանուր-ընկալում-թեստ.հայ</a></p> <p>Postman Call: <a href="https://dev-25957965.okta.com/api/v1/users?provider=false">https://dev-25957965.okta.com/api/v1/users?provider=false</a></p> <p>Post Type: post</p> <p>Header Key: Authorization</p> <p>Header Value: SSWS \${API token}</p> <p>Postman Body:</p> <pre>body {   "credentials": {     "password": {       "value": "tertr7WWte"     }   },   "profile": {     "firstName": "Second",     "lastName": "Test",     "use_mfa": false,     "login": "Էլփոստ-թեստ1@համընդհանուր-ընկալում-թեստ.հայ",     "email": "Էլփոստ-թեստ1@համընդհանուր-ընկալում-թեստ.հայ"   } }</pre> <p>Response Message:</p> <pre>{   "errorCode": "E0000001",   "errorSummary": "Api validation failed: email",   "errorLink": "E0000001",   "errorId": "oaejsk7sbsaTwWoSGFbaMO50g",   "errorCauses": [     {       "errorSummary": "email: Does not match required pattern"     }   ] }</pre>
3	<a href="mailto:email-test1@تجربة-القبول">email-test1@تجربة-القبول</a>	Register a new user in OKTA	<p>The email doesn't pass OKTA's internal validation to register a new user.</p> <p>OKTA User: <a href="mailto:developer@ihost.am">developer@ihost.am</a></p>



	الشامل.موريت انيا		<p>OKTA Sign-in URL: dev-25957965.okta.com</p> <p>Email to register: <u>email-test1 @موريتانيا</u></p> <p>Postman Call: <u>https://dev-25957965.okta.com/api/v1/users?provider=false</u></p> <p>Post Type: post</p> <p>Header Key: Authorization</p> <p>Header Value: SSWS \${API token}</p> <p>Postman Body:</p> <pre>body {   "credentials": {     "password": {       "value": "tertr7WWte"     }   },   "profile": {     "firstName": "Second",     "lastName": "Test",     "use_mfa": false,     "login": "email-test1 @موريتانيا",     "email": "email-test1 @موريتانيا"   } }</pre> <p>Response Message:</p> <pre>{   "errorCode": "E0000001",   "errorSummary": "Api validation failed: email",   "errorLink": "E0000001",   "errorId": "oaejsk7sbsaTwWoSGFbaMO50g",   "errorCauses": [     {       "errorSummary": "email: Does not match required pattern"     }   ] }</pre>
3	email- test1 @تجر بة-القبول- الشامل.موريت انيا	Register a new user in OpenIAM	<p>The email doesn't pass OpenIAM's internal validation to register a new user. To replicate the error please do 2-step requests:</p> <p><b>Step 1: Request Access Token</b></p> <p>OpenIAM version: 4.1.0.9, docker containers</p> <p>Postman Call: <u>https://&lt;IP_address&gt;/idp/oauth2/token</u></p> <p>//OpenIAM local server</p> <p>Request type: post</p> <p>Body Format: x-www-form-urlencoded</p> <p>Body:</p> <pre>key: client_id;      value: \${client_id} key: client_secret;  value: \${client_secret} key: username;       value: \${username} key: password;       value: \${password} key: grant_type;     value: password</pre> <p>Response message:</p> <pre>{   "access_token":</pre>



			<pre>"PTpmh2.cCwkAYAQXb7rXL_Y7BdIOajBOt0IPve6274Sb3BW07yf AxlukfVrMnvWV.kOUVFSSgJmgT-DvCD3sjtL3gqN18",   "token_type": "Bearer",   "expires_in": 1800 } Copy &lt;access_token&gt; and &lt;token_type&gt; values from the response to use it in step 2  <b>Step 2:</b> Request to get register a new user Email to register: <u>email-test1@موريتانيا-الشامل-القبول-تجربة</u> Postman URL: <u>https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser</u> Request type:      post Body Format:        json Headers:   key: Authorization   value: &lt;token_type&gt; &lt;access_token&gt;           //get from step 1 Body: {   "emailAddresses": [     {       "email": "email-test1@موريتانيا-الشامل-القبول-تجربة",       "typeId": "PRIMARY_EMAIL",       "published": true     }   ],   "firstName": "ua-name",   "lastName": "ua-name",   "login": "email-test1@موريتانيا-الشامل-القبول-تجربة",   "roleIds": null,   "visible": true,   "supervisorId": "3000",   "supervisorMetadataTypeId": "DEF_SUPERVISOR_TYPE",   "metadataTypeId": "DEFAULT_USER",   "notifyUserViaEmail": false,   "notifySupervisorViaEmail": false,   "provisionOnStartDate": false }  Response message: {   "primaryKey": null,   "status": 500,   "errorList": [     {       "i18nError": null,       "error": "INVALID_EMAIL_ADDRESS",       "validationError": null,       "params": null,       "message": "E-mail address has an invalid format"     }   ],   "redirectURL": null,</pre>
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			<pre>"successToken": null, "successMessage": null, "contextValues": null, "stackTrace": null, "possibleErrors": null, "error": true }</pre>
4	<a href="mailto:почта-тест1@универсальное-принятие-тест.москва">почта-тест1@универсальное-принятие-тест.москва</a>	Send Invitation email (using MS Exchange )	<p>Exchange Server version: Windows Server 2019 1809 Build 10.0.17763S.2989</p> <p>Email address (send to): <a href="mailto:почта-тест1@универсальное-принятие-тест.москва">почта-тест1@универсальное-принятие-тест.москва</a></p> <p>Exchange Error message: "A problem occurred and this message couldn't be delivered. Check to be sure the email address is correct. If the problem continues, please contact your email admin. Original message headers: DKIM-Signature: v=1; a=rsa-sha256; d=termo-ar.am; s=dec2022; c=simple/simple; t=1671609827; h=from:subject:to:date:message-id; bh=9HgLSu9co7jx4HzNuLoscAW3Bm4ODz9AhP+b4ceiUnQ=; b=NKNL6jvj1ooTKYLU2TgCI7MuMnOoaOyW+zL0XmYQB64B8UC0ryWGJfZXVtFguOTYC6wj5xbEEZn xLfv8pfyeG8Y6OqcAqyllvviWKt2NCsxNSGidWevrjFDWWJLKfiOM RB5bUXsQ5bP8vmXqcYYdSHoG ZICzz5PwyCycb4m0RK3Xciy3/DNu5BzEdNG5gdBf8ZvneNDTcqG Hygz2yIC1m87LakJdDXau4Yr2C 0zHd0qrg+yaie+Z08x0b1zJwqNeSj47O3zyZlad6lqvk7XBqCuG9U BOdqw2grc3Tutj6vo147334a 6THL2fP4d5UH1BdBPeRsw2apJJd7Dd+wtNXw== Received: from 68293bbaf18b (10.50.0.1) by tar-mail.termo-ar.am (10.50.0.2) with Microsoft SMTP Server (version=TLS1_2, cipher=TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384) id 15.2.1118.7; From: HyeConnect &lt;Hyeconnect@termo-ar.am&gt; To: <a href="mailto:почта-тест1@универсальное-принятие-тест.москва">почта-тест1@универсальное-принятие-тест.москва</a> Message-ID: &lt;438945957.31.1671606068631@68293bbaf18b&gt; Subject: You Are Invited to Join HyeConnect! MIME-Version: 1.0 Content-Type: text/html; charset="UTF-8" Content-Transfer-Encoding: quoted-printable List-Unsubscribe: <a href="https://hyeconnect.org/unsubscribe">https://hyeconnect.org/unsubscribe</a> Return-Path: Hyeconnect@termo-ar.am X-Originating-IP: [10.50.0.1] X-ClientProxiedBy: tar-mail.termo-ar.am (10.50.0.2) To tar-mail.termo-ar.am (10.50.0.2)"</p>
4	<a href="mailto:почта-тест1@универсальное-принятие-тест.москва">почта-тест1@универсальное-принятие-тест.москва</a>	Register a new user in OKTA	<p>The email doesn't pass OKTA's internal validation to register a new user.</p> <p>OKTA User: <a href="mailto:developer@ihost.am">developer@ihost.am</a></p> <p>OKTA Sign-in URL: <a href="https://dev-25957965.okta.com">dev-25957965.okta.com</a></p> <p>Email to register: <a href="mailto:почта-тест1@универсальное-принятие-тест.москва">почта-тест1@универсальное-принятие-тест.москва</a></p> <p>Postman Call: <a href="https://dev-25957965.okta.com/api/v1/users?provider=false">https://dev-25957965.okta.com/api/v1/users?provider=false</a></p> <p>Post Type: post</p> <p>Header Key: Authorization</p> <p>Header Value: SSWS \${API token}</p> <p>Postman Body: body</p>



			<pre>{   "credentials": {     "password": {       "value": "tertr7WWte"     }   },   "profile": {     "firstName": "Second",     "lastName": "Test",     "use_mfa": false,     "login": "почта-тест1@универсальное-принятие-тест.москва",     "email": "почта-тест1@универсальное-принятие-тест.москва"   } }</pre> <p>Response Message:</p> <pre>{   "errorCode": "E0000001",   "errorSummary": "Api validation failed: email",   "errorLink": "E0000001",   "errorId": "oejsk7sbsaTwWoSGFbaMO50g",   "errorCauses": [     {       "errorSummary": "email: Does not match required pattern"     }   ] }</pre>										
4	<u>почта-тест1@универсальное-принятие-тест.москва</u>	Register a new user in OpenIAM	<p>The email doesn't pass OpenIAM's internal validation to register a new user. To replicate the error please perform 2-step API requests:</p> <p><b>Step 1: Request Access Token</b></p> <p>OpenIAM version: 4.1.0.9, Docker containers</p> <p>Postman Call: <u>https://&lt;IP_address&gt;/idp/oauth2/token</u></p> <p>//OpenIAM Local Server</p> <p>Request type: post</p> <p>Body Format: x-www-form-urlencoded</p> <p>Body:</p> <table><tr><td>key: client_id;</td><td>value: \${client_id}</td></tr><tr><td>key: client_secret;</td><td>value: \${client_secret}</td></tr><tr><td>key: username;</td><td>value: \${username}</td></tr><tr><td>key: password;</td><td>value: \${password}</td></tr><tr><td>key: grant_type;</td><td>value: password</td></tr></table> <p>Response message:</p> <pre>{   "access_token":   "PTpmh2.cCwkAYAQXb7rXL_Y7BdIOajBOt0IPve6274Sb3BW07yf   AxluqkfVrMnvWV.kOUVFSSgJmgT-DvCD3sjtL3gqN18",   "token_type": "Bearer",   "expires_in": 1800 }</pre> <p>Copy &lt;access_token&gt; and &lt;token_type&gt; values from the given response to use them in step 2</p>	key: client_id;	value: \${client_id}	key: client_secret;	value: \${client_secret}	key: username;	value: \${username}	key: password;	value: \${password}	key: grant_type;	value: password
key: client_id;	value: \${client_id}												
key: client_secret;	value: \${client_secret}												
key: username;	value: \${username}												
key: password;	value: \${password}												
key: grant_type;	value: password												



		<p><b>Step 2:</b> Request to get register a new user</p> <p>Email to register: <u>почта-тест1@универсальное-принятие-тест.москва</u></p> <p>Postman URL: <u>https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser</u></p> <p>Request type: post</p> <p>Body Format: json</p> <p>Headers: key: Authorization value: &lt;token_type&gt; &lt;access_token&gt;</p> <p>//get from step 1</p> <p>Body:</p> <pre>{   "emailAddresses": [     {       "email": "<u>почта-тест1@универсальное-принятие-тест.москва</u>",       "typeId": "PRIMARY_EMAIL",       "published": true     }   ],   "firstName": "ua-name",   "lastName": "ua-name",   "login": "<u>почта-тест1@универсальное-принятие-тест.москва</u>",   "roleIds": null,   "visible": true,   "supervisorId": "3000",   "supervisorMetadataTypeId": "DEF_SUPERVISOR_TYPE",   "metadataTypeId": "DEFAULT_USER",   "notifyUserViaEmail": false,   "notifySupervisorViaEmail": false,   "provisionOnStartDate": false }</pre> <p>Response message:</p> <pre>{   "primaryKey": null,   "status": 500,   "errorList": [     {       "i18nError": null,       "error": "INVALID_EMAIL_ADDRESS",       "validationError": null,       "params": null,       "message": "E-mail address has an invalid format"     }   ],   "redirectURL": null,   "successToken": null,   "successMessage": null,   "contextValues": null,   "stackTrace": null,   "possibleErrors": null, }</pre>
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			<pre>"error": true }</pre>
5	<u>ईमेल-परीक्षण1 @ सार्वभौमिक-स्वीकृति-परीक्षण.संगठन</u>	Register a new user in OKTA	<p>The email doesn't pass OKTA's internal validation to register a new user.  OKTA User: <a href="mailto:developer@ihost.am">developer@ihost.am</a>  OKTA Sign-in URL: dev-25957965.okta.com  Email to register: <a href="mailto:ईमेल-परीक्षण1 @ सार्वभौमिक-स्वीकृति-परीक्षण.संगठन">ईमेल-परीक्षण1 @ सार्वभौमिक-स्वीकृति-परीक्षण.संगठन</a>  Postman Call: <a href="https://dev-25957965.okta.com/api/v1/users?provider=false">https://dev-25957965.okta.com/api/v1/users?provider=false</a>  Post Type: post  Header Key: Authorization  Header Value: SSWS \${API token}  Postman Body:  body  <pre>{   "credentials": {     "password": {       "value": "tertr7WWte"     }   },   "profile": {     "firstName": "Second",     "lastName": "Test",     "use_mfa": false,     "login": "ईमेल-परीक्षण1 @ सार्वभौमिक-स्वीकृति-परीक्षण.संगठन",     "email": "ईमेल-परीक्षण1 @ सार्वभौमिक-स्वीकृति-परीक्षण.संगठन"   } }</pre> </p> <p>Response Message:  <pre>{   "errorCode": "E0000001",   "errorSummary": "Api validation failed: login",   "errorLink": "E0000001",   "errorId": "oaeFs250oz-Rp-_aoknl-T_MQ",   "errorCauses": [     {       "errorSummary": "login: Username must be in the form of an email address"     },     {       "errorSummary": "email: Does not match required pattern"     }   ] }</pre> </p>
5	<u>ईमेल-परीक्षण1 @ सार्वभौमिक-स्वीकृति-</u>	Register a new user in OpenIAM	<p>The email doesn't passes OpenIAM's internal validation to register a new user. To replicate the error please perform 2-step API requests:  <b><u>Step 1: Request Access Token</u></b>  OpenIAM version: 4.1.0.9, Docker containers</p>



<p><u>परीक्षण.संग</u> <u>ठन</u></p>		<p>Postman Call: <a href="https://&lt;IP_address&gt;/idp/oauth2/token">https://&lt;IP_address&gt;/idp/oauth2/token</a> //OpenIAM Local Server Request type: post Body Format: x-www-form-urlencoded Body:     key: client_id;        value: \${client_id}     key: client_secret;    value: \${client_secret}     key: username;        value: \${username}     key: password;        value: \${password}     key: grant_type;      value: password Response message: {   "access_token":   "PTpmh2.cCwkAYAQXb7rXL_Y7BdlOajBOt0IPve6274Sb3BW07yf   AxluqkfVrMnvWV.kOUVFSSgJmgT-DvCD3sjtL3gqN18",   "token_type": "Bearer",   "expires_in": 1800 } <i>Copy &lt;access_token&gt; and &lt;token_type&gt; values from the given response to use them in step 2</i></p> <p><b><u>Step 2: Request to get register a new user</u></b> Email to register: <a href="#">ईमेल-परीक्षण1 @सार्वभौमिक-स्वीकृति-परीक्षण.संगठन</a> Postman URL: <a href="https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser">https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser</a> Request type: post Body Format: json Headers: key: Authorization           value: &lt;token_type&gt; &lt;access_token&gt; //get from step 1 Body: {   "emailAddresses": [     {       "email": "<a href="#">ईमेल-परीक्षण1 @सार्वभौमिक-स्वीकृति-परीक्षण.संगठन</a>",       "typeld": "PRIMARY_EMAIL",       "published": true     }   ],   "firstName": "ua-name",   "lastName": "ua-name",   "login": "<a href="#">ईमेल-परीक्षण1 @सार्वभौमिक-स्वीकृति-परीक्षण.संगठन</a>",   "rolelds": null,   "visible": true,   "supervisorId": "3000",   "supervisorMetadataTypeld": "DEF_SUPERVISOR_TYPE",   "metadataTypeld": "DEFAULT_USER",   "notifyUserViaEmail": false,   "notifySupervisorViaEmail": false,   "provisionOnStartDate": false }</p>
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			<p>Response message:</p> <pre>{   "primaryKey": null,   "status": 500,   "errorList": [     {       "i18nError": null,       "error": "INVALID_EMAIL_ADDRESS",       "validationError": null,       "params": null,       "message": "E-mail address has an invalid format"     }   ],   "redirectURL": null,   "successToken": null,   "successMessage": null,   "contextValues": null,   "stackTrace": null,   "possibleErrors": null,   "error": true }</pre>
6	ኢሜይል-ሙከራ1@ሁለንተናዊ-ጥያቄዎች-ሙከራ.com	Register a new user in OKTA	<p>The email doesn't pass OKTA's internal validation to register a new user.</p> <p>OKTA User: <a href="mailto:developer@ihost.am">developer@ihost.am</a></p> <p>OKTA Sign-in URL: dev-25957965.okta.com</p> <p>Email to register: ኢሜይል-ሙከራ1@ሁለንተናዊ-ጥያቄዎች-ሙከራ.com</p> <p>Postman Call: <a href="https://dev-25957965.okta.com/api/v1/users?provider=false">https://dev-25957965.okta.com/api/v1/users?provider=false</a></p> <p>Post Type: post</p> <p>Header Key: Authorization</p> <p>Header Value: SSWS \${API token}</p> <p>Postman Body:</p> <pre>body {   "credentials": {     "password": {       "value": "tertr7WWte"     }   },   "profile": {     "firstName": "Second",     "lastName": "Test",     "use_mfa": false,     "login": "ኢሜይል-ሙከራ1@ሁለንተናዊ-ጥያቄዎች-ሙከራ.com",     "email": "ኢሜይል-ሙከራ1@ሁለንተናዊ-ጥያቄዎች-ሙከራ.com"   } }</pre> <p>Response Message:</p> <pre>{   "errorCode": "E0000001",   "errorSummary": "Api validation failed: email",   "errorLink": "E0000001",   "errorId": "0aejsk7sbsaTwWoSGFbaMO50g",</pre>



			<pre> "errorCauses": [   {     "errorSummary": "email: Does not match required pattern"   } ] } </pre>
6	ኢ.ሜይል-ሙከራ1@ሁለንአቀፍ-ተቀባይነት-ሙከራ.com	Register a new user in OpenIAM	<p>The email doesn't passes OpenIAM's internal validation to register a new user. To replicate the error please perform 2-step API requests:</p> <p><b><u>Step 1: Request Access Token</u></b>  OpenIAM version: 4.1.0.9, Docker containers  Postman Call: <a href="https://&lt;IP_address&gt;/idp/oauth2/token">https://&lt;IP_address&gt;/idp/oauth2/token</a>  //OpenIAM Local Server  Request type: post  Body Format: x-www-form-urlencoded  Body:  key: client_id; value: \${client_id}  key: client_secret; value: \${client_secret}  key: username; value: \${username}  key: password; value: \${password}  key: grant_type; value: password  Response message:  {  "access_token":  "PTpmh2.cCwkAYAQXb7rXL_Y7BdIOajBOt0IPve6274Sb3BW07yf  AxluqkfVrMnvWV.kOUVFSSgJmgT-DvCD3sjtL3gqN18",  "token_type": "Bearer",  "expires_in": 1800  }  <i>Copy &lt;access_token&gt; and &lt;token_type&gt; values from the given response to use them in step 2</i></p> <p><b><u>Step 2: Request to get register a new user</u></b>  Email to register: ኢ.ሜይል-ሙከራ1@ሁለንአቀፍ-ተቀባይነት-ሙከራ.com  Postman URL:  <a href="https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser">https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser</a>  Request type: post  Body Format: json  Headers: key: Authorization  value: &lt;token_type&gt; &lt;access_token&gt;  //get from step 1  Body:  {  "emailAddresses": [  {  "email": "ኢ.ሜይል-ሙከራ1@ሁለንአቀፍ-ተቀባይነት-ሙከራ.com",  "typeld": "PRIMARY_EMAIL",  "published": true  }  ],  "firstName": "ua-name",  "lastName": "ua-name",  "login": "ኢ.ሜይል-ሙከራ1@ሁለንአቀፍ-ተቀባይነት-ሙከራ.com",</p>



			<pre>"roleIds": null, "visible": true, "supervisorId": "3000", "supervisorMetadataTypeId": "DEF_SUPERVISOR_TYPE", "metadataTypeId": "DEFAULT_USER", "notifyUserViaEmail": false, "notifySupervisorViaEmail": false, "provisionOnStartDate": false }  Response message: {   "primaryKey": null,   "status": 500,   "errorList": [     {       "i18nError": null,       "error": "INVALID_EMAIL_ADDRESS",       "validationError": null,       "params": null,       "message": "E-mail address has an invalid format"     }   ],   "redirectURL": null,   "successToken": null,   "successMessage": null,   "contextValues": null,   "stackTrace": null,   "possibleErrors": null,   "error": true }</pre>
7	<u>ηλεκτρονικό-μήνυμα-δοκιμή1@καθολική-αποδοχή-δοκιμή.ευ</u>	Register a new user in OKTA	<p>The email doesn't pass OKTA's internal validation to register a new user. OKTA User: <a href="mailto:developer@ihost.am">developer@ihost.am</a> OKTA Sign-in URL: dev-25957965.okta.com Email to register: <a href="mailto:ηλεκτρονικό-μήνυμα-δοκιμή1@καθολική-αποδοχή-δοκιμή.ευ">ηλεκτρονικό-μήνυμα-δοκιμή1@καθολική-αποδοχή-δοκιμή.ευ</a> Postman Call: <a href="https://dev-25957965.okta.com/api/v1/users?provider=false">https://dev-25957965.okta.com/api/v1/users?provider=false</a> Post Type: post Header Key: Authorization Header Value: SSWS \${API token} Postman Body: body {   "credentials": {     "password": {       "value": "tertr7WWte"     }   },   "profile": {     "firstName": "Second",</p>





			<pre>"lastName": "Test", "use_mfa": false, "login": "ηλεκτρονικό-μήνυμα-δοκιμή1@καθολική-αποδοχή- δοκιμή.ευ", "email": "ηλεκτρονικό-μήνυμα-δοκιμή1@καθολική-αποδοχή- δοκιμή.ευ" } } Response Message: {   "errorCode": "E0000001",   "errorSummary": "Api validation failed: email",   "errorLink": "E0000001",   "errorId": "oaejsk7sbsaTwWoSGFbaMO50g",   "errorCauses": [     {       "errorSummary": "email: Does not match required pattern"     }   ] }</pre>
7	<a href="mailto:ηλεκτρονικό-μήνυμα-δοκιμή1@καθολική-αποδοχή-δοκιμή.ευ">ηλεκτρονικό-μήνυμα-δοκιμή1@καθολική-αποδοχή-δοκιμή.ευ</a>	Register a new user in OpenIAM	<p>The email doesn't pass OpenIAM's internal validation to register a new user. To replicate the error please do 2-step requests:</p> <p><b>Step 1: Request Access Token</b> OpenIAM version: 4.1.0.9, docker containers Postman Call: <a href="https://&lt;IP_address&gt;/idp/oauth2/token">https://&lt;IP_address&gt;/idp/oauth2/token</a> //OpenIAM local server Request type: post Body Format: x-www-form-urlencoded Body: key: client_id; value: \${client_id} key: client_secret; value: \${client_secret} key: username; value: \${username} key: password; value: \${password} key: grant_type; value: password</p> <p>Response message: {   "access_token":   "PTpmh2.cCwkAYAQXb7rXL_Y7BdIOajBOt0IPve6274Sb3BW07yf   AxluqkfVrMnvWV.kOUVFSSgJmgT-DvCD3sJtL3gqN18",   "token_type": "Bearer",   "expires_in": 1800 }</p> <p><i>Copy &lt;access_token&gt; and &lt;token_type&gt; values from the response to use it in step 2</i></p> <p><b>Step 2: Request to get register a new user</b> Email to register: <a href="mailto:ηλεκτρονικό-μήνυμα-δοκιμή1@καθολική-αποδοχή-δοκιμή.ευ">ηλεκτρονικό-μήνυμα-δοκιμή1@καθολική-αποδοχή-δοκιμή.ευ</a> Postman URL: <a href="https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser">https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser</a> Request type: post Body Format: json Headers:</p>



			<p>key: Authorization value: &lt;token_type&gt; &lt;access_token&gt; //get from step 1</p> <p>Body:</p> <pre>{   "emailAddresses": [     {       "email": "ηλεκτρονικό-μήνυμα-δοκιμή1@καθολική-αποδοχή-δοκιμή.ευ",       "typeId": "PRIMARY_EMAIL",       "published": true     }   ],   "firstName": "ua-name",   "lastName": "ua-name",   "login": "ηλεκτρονικό-μήνυμα-δοκιμή1@καθολική-αποδοχή-δοκιμή.ευ",   "roleIds": null,   "visible": true,   "supervisorId": "3000",   "supervisorMetadataTypeId": "DEF_SUPERVISOR_TYPE",   "metadataTypeId": "DEFAULT_USER",   "notifyUserViaEmail": false,   "notifySupervisorViaEmail": false,   "provisionOnStartDate": false }</pre> <p>Response message:</p> <pre>{   "primaryKey": null,   "status": 500,   "errorList": [     {       "i18nError": null,       "error": "INVALID_EMAIL_ADDRESS",       "validationError": null,       "params": null,       "message": "E-mail address has an invalid format"     }   ],   "redirectURL": null,   "successToken": null,   "successMessage": null,   "contextValues": null,   "stackTrace": null,   "possibleErrors": null,   "error": true }</pre>
8	이메일테스트1@다국어도메인이	Register a new user in OKTA	<p>The email doesn't pass OKTA's internal validation to register a new user.</p> <p>OKTA User: <a href="mailto:developer@ihost.am">developer@ihost.am</a></p> <p>OKTA Sign-in URL: dev-25957965.okta.com</p>



	용환경테스트.한국		<p>Email to register: 이메일테스트1@다국어도메인이용환경테스트.한국</p> <p>Postman Call: <a href="https://dev-25957965.okta.com/api/v1/users?provider=false">https://dev-25957965.okta.com/api/v1/users?provider=false</a></p> <p>Post Type: post</p> <p>Header Key: Authorization</p> <p>Header Value: SSWS \${API token}</p> <p>Postman Body:</p> <pre>body {   "credentials": {     "password": {       "value": "tertr7WWte"     }   },   "profile": {     "firstName": "Second",     "lastName": "Test",     "use_mfa": false,     "login": "이메일테스트1@다국어도메인이용환경테스트.한국",     "email": "이메일테스트1@다국어도메인이용환경테스트.한국"   } }</pre> <p>Response Message:</p> <pre>{   "errorCode": "E0000001",   "errorSummary": "Api validation failed: email",   "errorLink": "E0000001",   "errorId": "oaejsk7sbsaTwWoSGFbaMO50g",   "errorCauses": [     {       "errorSummary": "email: Does not match required pattern"     }   ] }</pre>
8	이메일테스트1@다국어도메인이용환경테스트.한국	Register a new user in OpenIAM	<p>The email doesn't pass OpenIAM's internal validation to register a new user. To replicate the error please do 2-step requests:</p> <p><b><u>Step 1: Request Access Token</u></b></p> <p>OpenIAM version: 4.1.0.9, docker containers</p> <p>Postman Call: <a href="https://&lt;IP_address&gt;/idp/oauth2/token">https://&lt;IP_address&gt;/idp/oauth2/token</a></p> <p>//OpenIAM local server</p> <p>Request type: post</p> <p>Body Format: x-www-form-urlencoded</p> <p>Body:</p> <pre>key: client_id;      value: \${client_id} key: client_secret;  value: \${client_secret} key: username;       value: \${username} key: password;       value: \${password} key: grant_type;     value: password</pre> <p>Response message:</p>



			<pre> {   "access_token": "PTpmh2.cCwkAYAQXb7rXL_Y7BdlOajBOt0lPve6274Sb3BW07yf AxlukfVrMnvWV.kOUVFSSgJmgT-DvCD3sjtL3gqN18",   "token_type": "Bearer",   "expires_in": 1800 } </pre> <p><i>Copy &lt;access_token&gt; and &lt;token_type&gt; values from the response to use it in step 2</i></p> <p><b><u>Step 2: Request to get register a new user</u></b>  Email to register:  이메일테스트1@다국어도메인이용환경테스트.한국  Postman URL:  <a href="https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser">https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser</a>  Request type: post  Body Format: json  Headers:  key: Authorization  value: &lt;token_type&gt; &lt;access_token&gt; //get from step 1  Body:  <pre> {   "emailAddresses": [     {       "email": "이메일테스트1@다국어도메인이용환경테스트.한국",       "typeId": "PRIMARY_EMAIL",       "published": true     }   ],   "firstName": "ua-name",   "lastName": "ua-name",   "login": "이메일테스트1@다국어도메인이용환경테스트.한국",   "roleIds": null,   "visible": true,   "supervisorId": "3000",   "supervisorMetadataTypeId": "DEF_SUPERVISOR_TYPE",   "metadataTypeId": "DEFAULT_USER",   "notifyUserViaEmail": false,   "notifySupervisorViaEmail": false,   "provisionOnStartDate": false } </pre> <p>Response message:  <pre> {   "primaryKey": null,   "status": 500,   "errorList": [     {       "i18nError": null,       "error": "INVALID_EMAIL_ADDRESS",       "validationError": null, </pre> </p> </p>
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			<pre>"params": null, "message": "E-mail address has an invalid format" } ], "redirectURL": null, "successToken": null, "successMessage": null, "contextValues": null, "stackTrace": null, "possibleErrors": null, "error": true }</pre>
9	<a href="mailto:email-épreuve1@épreuve-acceptation-universelle.org">email-épreuve1@épreuve-acceptation-universelle.org</a>	Register a new user in OKTA	<p>The email doesn't pass OKTA's internal validation to register a new user.</p> <p>OKTA User: <a href="mailto:developer@ihost.am">developer@ihost.am</a></p> <p>OKTA Sign-in URL: <a href="https://dev-25957965.okta.com">dev-25957965.okta.com</a></p> <p>Email to register: <a href="mailto:email-épreuve1@épreuve-acceptation-universelle.org">email-épreuve1@épreuve-acceptation-universelle.org</a></p> <p>Postman Call: <a href="https://dev-25957965.okta.com/api/v1/users?provider=false">https://dev-25957965.okta.com/api/v1/users?provider=false</a></p> <p>Post Type: post</p> <p>Header Key: Authorization</p> <p>Header Value: SSWS \${API token}</p> <p>Postman Body:</p> <pre>body {   "credentials": {     "password": {       "value": "tertr7WWte"     }   },   "profile": {     "firstName": "Second",     "lastName": "Test",     "use_mfa": false,     "login": "<a href='\"mailto:email-épreuve1@épreuve-acceptation-universelle.org\"'>email-épreuve1@épreuve-acceptation-universelle.org</a>",     "email": "<a href='\"mailto:email-épreuve1@épreuve-acceptation-universelle.org\"'>email-épreuve1@épreuve-acceptation-universelle.org</a>"   } } </pre> <p>Response Message:</p> <pre>{   "errorCode": "E0000001",   "errorSummary": "Api validation failed: email",   "errorLink": "E0000001",   "errorId": "oaejsk7sbsaTwWoSGFbaMO50g",   "errorCauses": [     {       "errorSummary": "email: Does not match required pattern"     }   ] }</pre>



9	<a href="mailto:email-épreuve1@épreuve-acceptation-universelle.org">email-épreuve1@épreuve-acceptation-universelle.org</a>	Register a new user in OpenIAM	<p>The email doesn't pass OpenIAM's internal validation to register a new user. To replicate the error please do 2-step requests:</p> <p><b>Step 1: Request Access Token</b>  OpenIAM version: 4.1.0.9, docker containers  Postman Call: <a href="https://&lt;IP_address&gt;/idp/oauth2/token">https://&lt;IP_address&gt;/idp/oauth2/token</a>  //OpenIAM local server  Request type: post  Body Format: x-www-form-urlencoded  Body:  key: client_id; value: \${client_id}  key: client_secret; value: \${client_secret}  key: username; value: \${username}  key: password; value: \${password}  key: grant_type; value: password  Response message:  {  "access_token":  "PTpmh2.cCwkAYAQXb7rXL_Y7BdIOajBOt0IPve6274Sb3BW07yf  AxlukfVrMnvWV.kOUVFSSgJmgT-DvCD3sjtL3gqN18",  "token_type": "Bearer",  "expires_in": 1800  }  Copy &lt;access_token&gt; and &lt;token_type&gt; values from the response to use it in step 2</p> <p><b>Step 2: Request to get register a new user</b>  Email to register: <a href="mailto:email-épreuve1@épreuve-acceptation-universelle.org">email-épreuve1@épreuve-acceptation-universelle.org</a>  Postman URL:  <a href="https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser">https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser</a>  Request type: post  Body Format: json  Headers:  key: Authorization  value: &lt;token_type&gt; &lt;access_token&gt; //get from step 1  Body:  {  "emailAddresses": [  {  "email": "<a href="mailto:email-épreuve1@épreuve-acceptation-universelle.org">email-épreuve1@épreuve-acceptation-universelle.org</a>",  "typeld": "PRIMARY_EMAIL",  "published": true  }  ],  "firstName": "ua-name",  "lastName": "ua-name",  "login": "<a href="mailto:email-épreuve1@épreuve-acceptation-universelle.org">email-épreuve1@épreuve-acceptation-universelle.org</a>",  "rolelds": null,  "visible": true,  "supervisorId": "3000",  "supervisorMetadataTypeld": "DEF_SUPERVISOR_TYPE",  "metadataTypeld": "DEFAULT_USER",</p>
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			<pre>"notifyUserViaEmail": false, "notifySupervisorViaEmail": false, "provisionOnStartDate": false }  Response message: {   "primaryKey": null,   "status": 500,   "errorList": [     {       "i18nError": null,       "error": "INVALID_EMAIL_ADDRESS",       "validationError": null,       "params": null,       "message": "E-mail address has an invalid format"     }   ],   "redirectURL": null,   "successToken": null,   "successMessage": null,   "contextValues": null,   "stackTrace": null,   "possibleErrors": null,   "error": true }</pre>
10	<a href="#">Email-test1@universales-akzeptanz-test.vermögensberatung</a>	Register a new user in OKTA	<p>The email doesn't pass OKTA's internal validation to register a new user. OKTA User: <a href="#">developer@ihost.am</a> OKTA Sign-in URL: dev-25957965.okta.com Email to register: <a href="#">Email-test1@universales-akzeptanz-test.vermögensberatung</a> Postman Call: <a href="https://dev-25957965.okta.com/api/v1/users?provider=false">https://dev-25957965.okta.com/api/v1/users?provider=false</a> Post Type: post Header Key: Authorization Header Value: SSWS \${API token} Postman Body: body {   "credentials": {     "password": {       "value": "tertr7WWte"     }   },   "profile": {     "firstName": "Second",     "lastName": "Test",     "use_mfa": false,     "login": "<a href="#">Email-test1@universales-akzeptanz-test.vermögensberatung</a>",</p>



			<pre>"email": "<u>Email-test1@universales-akzeptanz-test.vermögensberatung</u>" } } Response Message: {   "errorCode": "E0000001",   "errorSummary": "Api validation failed: email",   "errorLink": "E0000001",   "errorId": "0aejsk7sbsaTwWoSGFbaMO50g",   "errorCauses": [     {       "errorSummary": "email: Does not match required pattern"     }   ] }</pre>
11	ഇമെയിൽ-പരിശോധന1@സാർവത്രിക-സ്വീകാര്യതാ-പരിശോധന.ഭാരതം	Register a new user in OKTA	<p>The email doesn't pass OKTA's internal validation to register a new user. OKTA User: <a href="mailto:developer@ihost.am">developer@ihost.am</a> OKTA Sign-in URL: dev-25957965.okta.com Email to register: ഇമെയിൽ-പരിശോധന1@സാർവത്രിക-സ്വീകാര്യതാ-പരിശോധന.ഭാരതം Postman Call: <a href="https://dev-25957965.okta.com/api/v1/users?provider=false">https://dev-25957965.okta.com/api/v1/users?provider=false</a> Post Type: post Header Key: Authorization Header Value: SSWS \${API token} Postman Body: body {   "credentials": {     "password": {       "value": "tertr7WWte"     }   },   "profile": {     "firstName": "Second",     "lastName": "Test",     "use_mfa": false,     "login": "ഇമെയിൽ-പരിശോധന1@സാർവത്രിക-സ്വീകാര്യതാ-പരിശോധന.ഭാരതം",     "email": "ഇമെയിൽ-പരിശോധന1@സാർവത്രിക-സ്വീകാര്യതാ-പരിശോധന.ഭാരതം"   } } Response Message: {   "errorCode": "E0000001",   "errorSummary": "Api validation failed: login",   "errorLink": "E0000001",</p>





			<pre> "errorId": "oaeFs250oz-Rp-_aoknl-T_MQ", "errorCauses": [   {     "errorSummary": "login: Username must be in the form of an email address"   },   {     "errorSummary": "email: Does not match required pattern"   } ] } </pre>
11	<p>ഇമെയിൽ-പരിശോധന1@സാർവത്രിക-സ്വീകാര്യതാ-പരിശോധന.ഭാരതം</p>	<p>Register a new user in OpenIAM</p>	<p>The email doesn't pass OpenIAM's internal validation to register a new user. To replicate the error please do 2-step requests:</p> <p><b>Step 1: Request Access Token</b>  OpenIAM version: 4.1.0.9, docker containers  Postman Call: <a href="https://&lt;IP_address&gt;/idp/oauth2/token">https://&lt;IP_address&gt;/idp/oauth2/token</a>  //OpenIAM local server  Request type: post  Body Format: x-www-form-urlencoded  Body:  key: client_id; value: \${client_id}  key: client_secret; value: \${client_secret}  key: username; value: \${username}  key: password; value: \${password}  key: grant_type; value: password  Response message:  {  "access_token":  "PTpmh2.cCwkAYAQXb7rXL_Y7BdIOajBOt0IPve6274Sb3BW07yf  AxlugkfVrMnvWV.kOUVFSSgJmgT-DvCD3sJtL3gqN18",  "token_type": "Bearer",  "expires_in": 1800  }  Copy &lt;access_token&gt; and &lt;token_type&gt; values from the response to use it in step 2</p> <p><b>Step 2: Request to get register a new user</b>  Email to register: ഇമെയിൽ-പരിശോധന1@സാർവത്രിക-സ്വീകാര്യതാ-പരിശോധന.ഭാരതം  Postman URL:  <a href="https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser">https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser</a>  Request type: post  Body Format: json  Headers:  key: Authorization  value: &lt;token_type&gt; &lt;access_token&gt; //get from step 1  Body:  {  "emailAddresses": [  {  "email": " ഇമെയിൽ-പരിശോധന1@സാർവത്രിക-സ്വീകാര്യതാ-പരിശോധന.ഭാരതം",</p>



			<pre> "typedId": "PRIMARY_EMAIL", "published": true } ], "firstName": "ua-name", "lastName": "ua-name", "login": "ഇമെയിൽ-പരിശോധന1@സാർവത്രിക- സീകാര്യതാ-പരിശോധന.ഭാരതം", "roleIds": null, "visible": true, "supervisorId": "3000", "supervisorMetadataTypedId": "DEF_SUPERVISOR_TYPE", "metadataTypedId": "DEFAULT_USER", "notifyUserViaEmail": false, "notifySupervisorViaEmail": false, "provisionOnStartDate": false }  Response message: {   "primaryKey": null,   "status": 500,   "errorList": [     {       "i18nError": null,       "error": "INVALID_EMAIL_ADDRESS",       "validationError": null,       "params": null,       "message": "E-mail address has an invalid format"     }   ],   "redirectURL": null,   "successToken": null,   "successMessage": null,   "contextValues": null,   "stackTrace": null,   "possibleErrors": null,   "error": true } </pre>
14	<p> <u>تجربة-بريد- الالكتروني1@</u>  <u>تجربة-القبول-</u>  <u>الشامل.موريت</u>  <u>انيا</u> </p>	<p>Register a new user in OKTA</p>	<p>The email doesn't pass OKTA's internal validation to register a new user.</p> <p>OKTA User: <a href="mailto:developer@ihost.am">developer@ihost.am</a></p> <p>OKTA Sign-in URL: <a href="https://dev-25957965.okta.com">dev-25957965.okta.com</a></p> <p>Email to register: <a href="mailto:تجربة-بريد-الالكتروني1@تجربة-القبول-الشامل.موريتانيا">تجربة-بريد-الالكتروني1@تجربة-القبول-الشامل.موريتانيا</a></p> <p>Postman Call: <a href="https://dev-25957965.okta.com/api/v1/users?provider=false">https://dev-25957965.okta.com/api/v1/users?provider=false</a></p> <p>Post Type: post</p> <p>Header Key: Authorization</p> <p>Header Value: SSWS \${API token}</p> <p>Postman Body:</p> <p>body</p> <pre>{</pre>



			<pre> "credentials": {   "password": {     "value": "tertr7WWte"   } }, "profile": {   "firstName": "Second",   "lastName": "Test",   "use_mfa": false,   "login": "تجربة-بريد-الالكتروني@1-تجربة-القبول-الشامل.موريتانيا",   "email": "تجربة-بريد-الالكتروني@1-تجربة-القبول-الشامل.موريتانيا" } } Response Message: {   "errorCode": "E0000001",   "errorSummary": "Api validation failed: email",   "errorLink": "E0000001",   "errorId": "oaejsk7sbsaTwWoSGFbaMO50g",   "errorCauses": [     {       "errorSummary": "email: Does not match required pattern"     }   ] } </pre>
14	<p>تجربة-بريد-الالكتروني@1-تجربة-القبول-الشامل.موريتانيا</p>	<p>Register a new user in OpenIAM</p>	<p>The email doesn't pass OpenIAM's internal validation to register a new user. To replicate the error please do 2-step requests:</p> <p><b>Step 1: Request Access Token</b></p> <p>OpenIAM version: 4.1.0.9, docker containers</p> <p>Postman Call: <a href="https://&lt;IP_address&gt;/idp/oauth2/token">https://&lt;IP_address&gt;/idp/oauth2/token</a></p> <p>//OpenIAM local server</p> <p>Request type: post</p> <p>Body Format: x-www-form-urlencoded</p> <p>Body:</p> <pre> key: client_id;      value: \${client_id} key: client_secret;  value: \${client_secret} key: username;       value: \${username} key: password;       value: \${password} key: grant_type;     value: password </pre> <p>Response message:</p> <pre> {   "access_token": "PTpmh2.cCwkAYAQXb7rXL_Y7BdIOajBOt0IPve6274Sb3BW07yf AxlukfVrMnvWV.kOUVFSSgJmgT-DvCD3sjtL3gqN18",   "token_type": "Bearer",   "expires_in": 1800 } </pre> <p>Copy &lt;access_token&gt; and &lt;token_type&gt; values from the response to use it in step 2</p> <p><b>Step 2: Request to get register a new user</b></p>



			<p>Email to register: <u>تجربة-بريد-الالكتروني1@تجربة-القبول-الشامل.موريتانيا</u></p> <p>Postman URL: <u>https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser</u></p> <p>Request type: post</p> <p>Body Format: json</p> <p>Headers: key: Authorization value: &lt;token_type&gt; &lt;access_token&gt; //get from step 1</p> <p>Body:</p> <pre>{   "emailAddresses": [     {       "email": "<u>تجربة-بريد-الالكتروني1@تجربة-القبول-الشامل.موريتانيا</u>",       "typeId": "PRIMARY_EMAIL",       "published": true     }   ],   "firstName": "ua-name",   "lastName": "ua-name",   "login": "<u>تجربة-بريد-الالكتروني1@تجربة-القبول-الشامل.موريتانيا</u>",   "roleIds": null,   "visible": true,   "supervisorId": "3000",   "supervisorMetadataTypeId": "DEF_SUPERVISOR_TYPE",   "metadataTypeId": "DEFAULT_USER",   "notifyUserViaEmail": false,   "notifySupervisorViaEmail": false,   "provisionOnStartDate": false }</pre> <p>Response message:</p> <pre>{   "primaryKey": null,   "status": 500,   "errorList": [     {       "i18nError": null,       "error": "INVALID_EMAIL_ADDRESS",       "validationError": null,       "params": null,       "message": "E-mail address has an invalid format"     }   ],   "redirectURL": null,   "successToken": null,   "successMessage": null,   "contextValues": null,   "stackTrace": null,   "possibleErrors": null,   "error": true }</pre>
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15	<u>ሰላሳ- ወንጀል1@ ኢትዮ- ኢንፎዜሽን- ወንጀል.com m</u>	Register a new user in OKTA	<p>The email doesn't pass OKTA's internal validation to register a new user.</p> <p>OKTA User: <a href="mailto:developer@ihost.am">developer@ihost.am</a></p> <p>OKTA Sign-in URL: <a href="https://dev-25957965.okta.com">dev-25957965.okta.com</a></p> <p>Email to register: <a href="mailto:ሰላሳ-ወንጀል1@ኢትዮ-ኢንፎዜሽን-ወንጀል.com">ሰላሳ-ወንጀል1@ኢትዮ-ኢንፎዜሽን-ወንጀል.com</a></p> <p>Postman Call: <a href="https://dev-25957965.okta.com/api/v1/users?provider=false">https://dev-25957965.okta.com/api/v1/users?provider=false</a></p> <p>Post Type: post</p> <p>Header Key: Authorization</p> <p>Header Value: SSWS \${API token}</p> <p>Postman Body:</p> <pre>body {   "credentials": {     "password": {       "value": "tertr7WWte"     }   },   "profile": {     "firstName": "Second",     "lastName": "Test",     "use_mfa": false,     "login": "<a href='\"mailto:ሰላሳ-ወንጀል1@ኢትዮ-ኢንፎዜሽን-ወንጀል.com\"'>ሰላሳ-ወንጀል1@ኢትዮ-ኢንፎዜሽን-ወንጀል.com</a>",     "email": "<a href='\"mailto:ሰላሳ-ወንጀል1@ኢትዮ-ኢንፎዜሽን-ወንጀል.com\"'>ሰላሳ-ወንጀል1@ኢትዮ-ኢንፎዜሽን-ወንጀል.com</a>"   } }</pre> <p>Response Message:</p> <pre>{   "errorCode": "E0000001",   "errorSummary": "Api validation failed: login",   "errorLink": "E0000001",   "errorId": "oaeFs250oz-Rp-_aoknl-T_MQ",   "errorCauses": [     {       "errorSummary": "login: Username must be in the form of an email address"     },     {       "errorSummary": "email: Does not match required pattern"     }   ] }</pre>
15	<u>ሰላሳ- ወንጀል1@ ኢትዮ- ኢንፎዜሽን- ወንጀል.com m</u>	Register a new user in OpenIAM	<p>The email doesn't pass OpenIAM's internal validation to register a new user. To replicate the error please do 2-step requests:</p> <p><b>Step 1: Request Access Token</b></p> <p>OpenIAM version: 4.1.0.9, docker containers</p> <p>Postman Call: <a href="https://&lt;IP_address&gt;/idp/oauth2/token">https://&lt;IP_address&gt;/idp/oauth2/token</a></p> <p>//OpenIAM local server</p> <p>Request type: post</p> <p>Body Format: x-www-form-urlencoded</p> <p>Body:</p> <pre>key: client_id; value: \${client_id}</pre>



			<pre>key: client_secret; value: \${client_secret} key: username; value: \${username} key: password; value: \${password} key: grant_type; value: password Response message: {   "access_token": "PTpmh2.cCwkAYAQXb7rXL_Y7BdlOajBOt0lPve6274Sb3BW07yf AxlukqfVrMnvWV.kOUVFSSgJmgT-DvCD3sjtL3gqN18",   "token_type": "Bearer",   "expires_in": 1800 } Copy &lt;access_token&gt; and &lt;token_type&gt; values from the response to use it in step 2  <b>Step 2:</b> Request to get register a new user Email to register: <u>1@n3r-3v3w3y3-n3r3.com</u> Postman URL: <u>https://&lt;IP address&gt;/webconsole/rest/api/prov/saveUser</u> Request type: post Body Format: json Headers:   key: Authorization   value: &lt;token_type&gt; &lt;access_token&gt; //get from step 1 Body: {   "emailAddresses": [     {       "email": "<u>1@n3r-3v3w3y3-n3r3.com</u>",       "typeId": "PRIMARY_EMAIL",       "published": true     }   ],   "firstName": "ua-name",   "lastName": "ua-name",   "login": "<u>1@n3r-3v3w3y3-n3r3.com</u>",   "roleIds": null,   "visible": true,   "supervisorId": "3000",   "supervisorMetadataTypeId": "DEF_SUPERVISOR_TYPE",   "metadataTypeId": "DEFAULT_USER",   "notifyUserViaEmail": false,   "notifySupervisorViaEmail": false,   "provisionOnStartDate": false }  Response message: {   "primaryKey": null,   "status": 500,   "errorList": [     {</pre>
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			<pre>"i18nError": null, "error": "INVALID_EMAIL_ADDRESS", "validationError": null, "params": null, "message": "E-mail address has an invalid format" } ], "redirectURL": null, "successToken": null, "successMessage": null, "contextValues": null, "stackTrace": null, "possibleErrors": null, "error": true }</pre>
16	<u>电子邮件测试1@普遍适用测试.我爱你</u>	Register a new user in OKTA	<p>The email doesn't pass OKTA's internal validation to register a new user. OKTA User: <u>developer@ihost.am</u> OKTA Sign-in URL: dev-25957965.okta.com Email to register: <u>电子邮件测试1@普遍适用测试.我爱你</u> Postman Call: <u>https://dev-25957965.okta.com/api/v1/users?provider=false</u> Post Type: post Header Key: Authorization Header Value: SSWS \${API token} Postman Body: body {   "credentials": {     "password": {       "value": "tertr7WWte"     }   },   "profile": {     "firstName": "Second",     "lastName": "Test",     "use_mfa": false,     "login": "<u>电子邮件测试1@普遍适用测试.我爱你</u>",     "email": "<u>电子邮件测试1@普遍适用测试.我爱你</u>"   } } Response Message: {   "errorCode": "E0000001",   "errorSummary": "Api validation failed: email",   "errorLink": "E0000001",   "errorId": "oaejsk7sbsaTwWoSGFbaMO50g",   "errorCauses": [     {       "errorSummary": "email: Does not match required pattern"     }   ] }</p>



			] }
16	电子邮件测试1@普遍适用测试.我爱你	Register a new user in OpenIAM	<p>The email doesn't pass OpenIAM's internal validation to register a new user. To replicate the error please do 2-step requests:</p> <p><b>Step 1: Request Access Token</b></p> <p>OpenIAM version: 4.1.0.9, docker containers</p> <p>Postman Call: <a href="https://&lt;IP_address&gt;/idp/oauth2/token">https://&lt;IP_address&gt;/idp/oauth2/token</a> //OpenIAM local server</p> <p>Request type: post</p> <p>Body Format: x-www-form-urlencoded</p> <p>Body:</p> <pre>key: client_id;      value: \${client_id} key: client_secret;  value: \${client_secret} key: username;       value: \${username} key: password;       value: \${password} key: grant_type;     value: password</pre> <p>Response message:</p> <pre>{   "access_token": "PTpmh2.cCwkAYAQXb7rXL_Y7BdIOajBOt0IPve6274Sb3BW07yf AxlukfVrMnvWV.kOUVFSSgJmgT-DvCD3sjtL3gqN18",   "token_type": "Bearer",   "expires_in": 1800 }</pre> <p><i>Copy &lt;access_token&gt; and &lt;token_type&gt; values from the response to use it in step 2</i></p> <p><b>Step 2: Request to get register a new user</b></p> <p>Email to register: <a href="#">电子邮件测试1@普遍适用测试.我爱你</a></p> <p>Postman URL: <a href="https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser">https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser</a></p> <p>Request type: post</p> <p>Body Format: json</p> <p>Headers:</p> <pre>key: Authorization value: &lt;token_type&gt; &lt;access_token&gt; //get from step 1</pre> <p>Body:</p> <pre>{   "emailAddresses": [     {       "email": "电子邮件测试1@普遍适用测试.我爱你",       "typeId": "PRIMARY_EMAIL",       "published": true     }   ],   "firstName": "ua-name",   "lastName": "ua-name",   "login": "电子邮件测试1@普遍适用测试.我爱你",   "roleIds": null,   "visible": true,   "supervisorId": "3000", }</pre>





			<pre>"supervisorMetadataTypeId": "DEF_SUPERVISOR_TYPE", "metadataTypeId": "DEFAULT_USER", "notifyUserViaEmail": false, "notifySupervisorViaEmail": false, "provisionOnStartDate": false }  Response message: {   "primaryKey": null,   "status": 500,   "errorList": [     {       "i18nError": null,       "error": "INVALID_EMAIL_ADDRESS",       "validationError": null,       "params": null,       "message": "E-mail address has an invalid format"     }   ],   "redirectURL": null,   "successToken": null,   "successMessage": null,   "contextValues": null,   "stackTrace": null,   "possibleErrors": null,   "error": true }</pre>
17	<u>மின்னஞ்சல்-சோதனை1@பொது-ஏற்பு-சோதனை.சிங்கப்பூர்</u>	Send Invitation	<p>Exchange Server version: Windows Server 2019 1809 Build 10.0.17763S.2989</p> <p>Email address (send to): <u>மின்னஞ்சல்-சோதனை1@பொது-ஏற்பு-சோதனை.சிங்கப்பூர்</u></p> <p>Exchange Error message: "A problem occurred and this message couldn't be delivered. Check to be sure the email address is correct. If the problem continues, please contact your email admin. Original message headers: DKIM-Signature: v=1; a=rsa-sha256; d=termo-ar.am; s=dec2022; c=simple/simple; t=1671609827; h=from:subject:to:date:message-id; bh=9HgLSu9co7jx4HzNuLoscAW3Bm4ODz9AhP+b4ceiUnQ=; b=NKNL6jvj1ooTKYLU2TgCI7MuMnOoaOyW+zL0XmYQB64B8UC0ryWGJfZXVtFguOTYC6wj5xbEEZn xLfv8pfyeG8Y6OqcAqyllvviWKt2NCsxNSGidWevrjfdWWJLKfiOM RB5bUXsQ5bP8vmXqcYYdSHoG ZICzz5PwyCycb4m0RK3Xciy3/DNu5BzEdNG5gdBf8ZvneNDTcqG Hygz2yIC1m87LakJdDXau4Yr2C 0zHd0qrg+yaie+Z08x0b1zJwqNeSj47O3zyZlad6lqvK7XBqCuG9U B0dqw2grc3Tutj6vo147334a 6THL2fP4d5UH1BdBPeRsw2apJJd7Dd+wtNXw== Received: from 68293bbaf18b (10.50.0.1) by tar-mail.termo-ar.am (10.50.0.2) with Microsoft SMTP Server (version=TLS1_2, cipher=TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384) id 15.2.1118.7; From: HyeConnect &lt;Hyeconnect@termo-ar.am&gt; To:</p>



			<p><u>மின்னஞ்சல்-சோதனை1@பொது-ஏற்பு-சோதனை.சிங்கப்பூர்</u> Message-ID: &lt;438945957.31.1671606068631@68293bbaf18b&gt; Subject: You Are Invited to Join HyeConnect! MIME-Version: 1.0 Content-Type: text/html; charset="UTF-8" Content-Transfer-Encoding: quoted-printable List-Unsubscribe: <a href="https://hyeconnect.org/unsubscribe">https://hyeconnect.org/unsubscribe</a> Return-Path: Hyeconnect@termo-ar.am X-Originating-IP: [10.50.0.1] X-ClientProxiedBy: tar-mail.termo-ar.am (10.50.0.2) To tar-mail.termo-ar.am (10.50.0.2)"</p>
17	<p><u>மின்னஞ்சல்-சோதனை1@பொது-ஏற்பு-சோதனை.சிங்கப்பூர்</u></p>	<p>Register a new user in OKTA</p>	<p>The email doesn't pass OKTA's internal validation to register a new user. OKTA User: <a href="mailto:developer@ihost.am">developer@ihost.am</a> OKTA Sign-in URL: dev-25957965.okta.com Email to register: <u>மின்னஞ்சல்-சோதனை1@பொது-ஏற்பு-சோதனை.சிங்கப்பூர்</u> Postman Call: <a href="https://dev-25957965.okta.com/api/v1/users?provider=false">https://dev-25957965.okta.com/api/v1/users?provider=false</a> Post Type: post Header Key: Authorization Header Value: SSWS \${API token} Postman Body: body {   "credentials": {     "password": {       "value": "tertr7WWte"     }   },   "profile": {     "firstName": "Second",     "lastName": "Test",     "use_mfa": false,     "login": "<u>மின்னஞ்சல்-சோதனை1@பொது-ஏற்பு-சோதனை.சிங்கப்பூர்</u>",     "email": "<u>மின்னஞ்சல்-சோதனை1@பொது-ஏற்பு-சோதனை.சிங்கப்பூர்</u>"   } } Response Message: {   "errorCode": "E0000001",   "errorSummary": "Api validation failed: login",   "errorLink": "E0000001",   "errorId": "oaeFs250oz-Rp-_aoknl-T_MQ",   "errorCauses": [     {       "errorSummary": "login: Username must be in the form of an email address"     },     {       "errorSummary": "email: Does not match required pattern"     }   ] }</p>



			<pre> ] } </pre>
17	<u>மின்னஞ்சல்-சோதனை1 @பொது-ஏற்பு-சோதனை.சிங்கப்பூர்</u>	Register a new user in OpenIAM	<p>The email doesn't pass OpenIAM's internal validation to register a new user. To replicate the error please do 2-step requests:</p> <p><b>Step 1: Request Access Token</b></p> <p>OpenIAM version: 4.1.0.9, docker containers</p> <p>Postman Call: <a href="https://&lt;IP_address&gt;/idp/oauth2/token">https://&lt;IP_address&gt;/idp/oauth2/token</a></p> <p>//OpenIAM local server</p> <p>Request type: post</p> <p>Body Format: x-www-form-urlencoded</p> <p>Body:</p> <pre> key: client_id;      value: \${client_id} key: client_secret;  value: \${client_secret} key: username;       value: \${username} key: password;       value: \${password} key: grant_type;     value: password </pre> <p>Response message:</p> <pre> {   "access_token": "PTpmh2.cCwkAYAQXb7rXL_Y7BdIOajBOt0IPve6274Sb3BW07yf AxlukqfVrMnvWV.kOUVFSSgJmgT-DvCD3sjtL3gqN18",   "token_type": "Bearer",   "expires_in": 1800 } </pre> <p><i>Copy &lt;access_token&gt; and &lt;token_type&gt; values from the response to use it in step 2</i></p> <p><b>Step 2: Request to get register a new user</b></p> <p>Email to register: <u>மின்னஞ்சல்-சோதனை1 @பொது-ஏற்பு-சோதனை.சிங்கப்பூர்</u></p> <p>Postman URL: <a href="https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser">https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser</a></p> <p>Request type: post</p> <p>Body Format: json</p> <p>Headers:</p> <pre> key: Authorization value: &lt;token_type&gt; &lt;access_token&gt; //get from step 1 </pre> <p>Body:</p> <pre> {   "emailAddresses": [     {       "email": "<u>மின்னஞ்சல்-சோதனை1 @பொது-ஏற்பு-சோதனை.சிங்கப்பூர்</u>",       "typeId": "PRIMARY_EMAIL",       "published": true     }   ],   "firstName": "ua-name",   "lastName": "ua-name",   "login": "<u>மின்னஞ்சல்-சோதனை1 @பொது-ஏற்பு-சோதனை.சிங்கப்பூர்</u>",   "roleIds": null, </pre>



			<pre>"visible": true, "supervisorId": "3000", "supervisorMetadataTypeId": "DEF_SUPERVISOR_TYPE", "metadataTypeId": "DEFAULT_USER", "notifyUserViaEmail": false, "notifySupervisorViaEmail": false, "provisionOnStartDate": false }  Response message: {   "primaryKey": null,   "status": 500,   "errorList": [     {       "i18nError": null,       "error": "INVALID_EMAIL_ADDRESS",       "validationError": null,       "params": null,       "message": "E-mail address has an invalid format"     }   ],   "redirectURL": null,   "successToken": null,   "successMessage": null,   "contextValues": null,   "stackTrace": null,   "possibleErrors": null,   "error": true }</pre>
18	<u>ఇమెయిల్-</u> <u>పరీక్ష1 @</u> <u>యూనివర్సల్</u> <u>-ఆమోదం-</u> <u>పరీక్ష.భారత్</u>	Register a new user in OKTA	<p>The email doesn't pass OKTA's internal validation to register a new user. OKTA User: <a href="mailto:developer@ihost.am">developer@ihost.am</a> OKTA Sign-in URL: <a href="https://dev-25957965.okta.com">dev-25957965.okta.com</a> Email to register: <a href="mailto:ఇమెయిల్-పరీక్ష1@యూనివర్సల్-ఆమోదం-పరీక్ష.భారత్">ఇమెయిల్-పరీక్ష1 @యూనివర్సల్-ఆమోదం-పరీక్ష.భారత్</a></p> <p>Postman Call: <a href="https://dev-25957965.okta.com/api/v1/users?provider=false">https://dev-25957965.okta.com/api/v1/users?provider=false</a> Post Type: post Header Key: Authorization Header Value: SSWS \${API token} Postman Body: body {   "credentials": {     "password": {       "value": "tertr7WWte"     }   },   "profile": {     "firstName": "Second",     "lastName": "Test",     "use_mfa": false,</p>



			<pre> "login": "ఇమెయిల్-పరీక్ష1 @యూనివర్సల్-ఆమోదం-పరీక్ష.భారత్", "email": "ఇమెయిల్-పరీక్ష1 @యూనివర్సల్-ఆమోదం-పరీక్ష.భారత్" } } Response Message: {   "errorCode": "E0000001",   "errorSummary": "Api validation failed: login",   "errorLink": "E0000001",   "errorId": "oaeFs250oz-Rp-_aoknl-T_MQ",   "errorCauses": [     {       "errorSummary": "login: Username must be in the form of an email address"     },     {       "errorSummary": "email: Does not match required pattern"     }   ] } </pre>
18	<u>ఇమెయిల్-</u> <u>పరీక్ష1 @</u> <u>యూనివర్సల్</u> <u>-ఆమోదం-</u> <u>పరీక్ష.భారత్</u>	Register a new user in OpenIAM	<p>The email doesn't pass OpenIAM's internal validation to register a new user. To replicate the error please do 2-step requests:</p> <p><b><u>Step 1: Request Access Token</u></b></p> <p>OpenIAM version: 4.1.0.9, docker containers</p> <p>Postman Call: <a href="https://&lt;IP_address&gt;/idp/oauth2/token">https://&lt;IP_address&gt;/idp/oauth2/token</a>  //OpenIAM local server</p> <p>Request type: post</p> <p>Body Format: x-www-form-urlencoded</p> <p>Body:</p> <pre> key: client_id;      value: \${client_id} key: client_secret;  value: \${client_secret} key: username;       value: \${username} key: password;       value: \${password} key: grant_type;     value: password </pre> <p>Response message:</p> <pre> {   "access_token": "PTpmh2.cCwkAYAQXb7rXL_Y7BdIOajBOt0IPve6274Sb3BW07yf AxlukqfVrMnvWV.kOUVFSSgJmgT-DvCD3sjtL3gqN18",   "token_type": "Bearer",   "expires_in": 1800 } </pre> <p><i>Copy &lt;access_token&gt; and &lt;token_type&gt; values from the response to use it in step 2</i></p> <p><b><u>Step 2: Request to get register a new user</u></b></p> <p>Email to register: <u>ఇమెయిల్-పరీక్ష1 @యూనివర్సల్-ఆమోదం-పరీక్ష.భారత్</u></p> <p>Postman URL:  <a href="https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser">https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser</a></p> <p>Request type: post</p> <p>Body Format: json</p>



			<p>Headers:</p> <p>key: Authorization</p> <p>value: &lt;token_type&gt; &lt;access_token&gt; //get from step 1</p> <p>Body:</p> <pre>{   "emailAddresses": [     {       "email": "ఇమెయిల్-పరీక్ష1 @యూనివర్సల్-ఆమోదం-పరీక్ష.భారత్",       "typeId": "PRIMARY_EMAIL",       "published": true     }   ],   "firstName": "ua-name",   "lastName": "ua-name",   "login": "ఇమెయిల్-పరీక్ష1 @యూనివర్సల్-ఆమోదం-పరీక్ష.భారత్",   "roleIds": null,   "visible": true,   "supervisorId": "3000",   "supervisorMetadataTypeId": "DEF_SUPERVISOR_TYPE",   "metadataTypeId": "DEFAULT_USER",   "notifyUserViaEmail": false,   "notifySupervisorViaEmail": false,   "provisionOnStartDate": false }</pre> <p>Response message:</p> <pre>{   "primaryKey": null,   "status": 500,   "errorList": [     {       "i18nError": null,       "error": "INVALID_EMAIL_ADDRESS",       "validationError": null,       "params": null,       "message": "E-mail address has an invalid format"     }   ],   "redirectURL": null,   "successToken": null,   "successMessage": null,   "contextValues": null,   "stackTrace": null,   "possibleErrors": null,   "error": true }</pre>
19	<u>ఇమెయిల్-పరీక్ష1 @</u> <u>యూనివర్సల్-ఆమోదం-పరీక్ష.భారత్</u>	Register a new user in OKTA	<p>The email doesn't pass OKTA's internal validation to register a new user.</p> <p>OKTA User: <u>developer@ihost.am</u></p> <p>OKTA Sign-in URL: dev-25957965.okta.com</p> <p>Email to register: <u>ఇమెయిల్-పరీక్ష1 @యూనివర్సల్-ఆమోదం-పరీక్ష.భారత్</u></p>



			<p>Postman Call: <a href="https://dev-25957965.okta.com/api/v1/users?provider=false">https://dev-25957965.okta.com/api/v1/users?provider=false</a></p> <p>Post Type: post</p> <p>Header Key: Authorization</p> <p>Header Value: SSWS \${API token}</p> <p>Postman Body:</p> <pre>body {   "credentials": {     "password": {       "value": "tertr7WWte"     }   },   "profile": {     "firstName": "Second",     "lastName": "Test",     "use_mfa": false,     "login": "อีเมลทดสอบ1@ยูเอททดสอบ.ไทย",     "email": "อีเมลทดสอบ1@ยูเอททดสอบ.ไทย"   } }</pre> <p>Response Message:</p> <pre>{   "errorCode": "E0000001",   "errorSummary": "Api validation failed: login",   "errorLink": "E0000001",   "errorId": "oaeFs250oz-Rp-_aoknl-T_MQ",   "errorCauses": [     {       "errorSummary": "login: Username must be in the form of an email address"     },     {       "errorSummary": "email: Does not match required pattern"     }   ] }</pre>
19	อีเมลทดสอบ1@ ยูเอททดสอบ.ไทย	Register a new user in OpenIAM	<p>The email doesn't pass OpenIAM's internal validation to register a new user. To replicate the error please do 2-step requests:</p> <p><b><u>Step 1: Request Access Token</u></b></p> <p>OpenIAM version: 4.1.0.9, docker containers</p> <p>Postman Call: <a href="https://&lt;IP_address&gt;/idp/oauth2/token">https://&lt;IP_address&gt;/idp/oauth2/token</a></p> <p>//OpenIAM local server</p> <p>Request type: post</p> <p>Body Format: x-www-form-urlencoded</p> <p>Body:</p> <pre>key: client_id;      value: \${client_id} key: client_secret;  value: \${client_secret} key: username;       value: \${username} key: password;       value: \${password} key: grant_type;     value: password</pre> <p>Response message:</p>



			<pre>{   "access_token": "PTpmh2.cCwkAYAQXb7rXL_Y7BdIOajBOt0IPve6274Sb3BW07yf AxlukfVrMnvWV.kOUVFSSgJmgT-DvCD3sJtL3gqN18",   "token_type": "Bearer",   "expires_in": 1800 }</pre> <p><i>Copy &lt;access_token&gt; and &lt;token_type&gt; values from the response to use it in step 2</i></p> <p><b><u>Step 2: Request to get register a new user</u></b> Email to register: <u>อีเมลทดสอบ1@ยูเอททดสอบ.ไทย</u> Postman URL: <u>https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser</u> Request type: post Body Format: json Headers: key: Authorization value: &lt;token_type&gt; &lt;access_token&gt; //get from step 1 Body: {   "emailAddresses": [     {       "email": "<u>อีเมลทดสอบ1@ยูเอททดสอบ.ไทย</u>",       "typeId": "PRIMARY_EMAIL",       "published": true     }   ],   "firstName": "ua-name",   "lastName": "ua-name",   "login": "<u>อีเมลทดสอบ1@ยูเอททดสอบ.ไทย</u>",   "roleIds": null,   "visible": true,   "supervisorId": "3000",   "supervisorMetadataTypeId": "DEF_SUPERVISOR_TYPE",   "metadataTypeId": "DEFAULT_USER",   "notifyUserViaEmail": false,   "notifySupervisorViaEmail": false,   "provisionOnStartDate": false }<p>Response message: {   "primaryKey": null,   "status": 500,   "errorList": [     {       "i18nError": null,       "error": "INVALID_EMAIL_ADDRESS",       "validationError": null,       "params": null,       "message": "E-mail address has an invalid format"     }   ] }</p></p>
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			<pre>}, "redirectURL": null, "successToken": null, "successMessage": null, "contextValues": null, "stackTrace": null, "possibleErrors": null, "error": true }</pre>
20	ཞོག་འཕྲིན་བརྟག་དཔྱད 1@ཡོངས་ཁྱབ་དྲུང་ ལེན་བརྟག་དཔྱད་.co m	Register a new user in OKTA	<p>The email doesn't pass OKTA's internal validation to register a new user. OKTA User: <a href="mailto:developer@ihost.am">developer@ihost.am</a> OKTA Sign-in URL: dev-25957965.okta.com Email to register: ཞོག་འཕྲིན་བརྟག་དཔྱད1@ཡོངས་ཁྱབ་དྲུང་ལེན་བརྟག་དཔྱད.com Postman Call: <a href="https://dev-25957965.okta.com/api/v1/users?provider=false">https://dev-25957965.okta.com/api/v1/users?provider=false</a> Post Type: post Header Key: Authorization Header Value: SSWS \${API token} Postman Body: body {   "credentials": {     "password": {       "value": "tertr7WWte"     }   },   "profile": {     "firstName": "Second",     "lastName": "Test",     "use_mfa": false,     "login": " ཞོག་འཕྲིན་བརྟག་དཔྱད1@ཡོངས་ཁྱབ་དྲུང་ལེན་བརྟག་དཔྱད.com",     "email": " ཞོག་འཕྲིན་བརྟག་དཔྱད1@ཡོངས་ཁྱབ་དྲུང་ལེན་བརྟག་དཔྱད.com"   } } Response Message: {   "errorCode": "E0000001",   "errorSummary": "Api validation failed: login",   "errorLink": "E0000001",   "errorId": "oaeFs250oz-Rp-_aoknI-T_MQ",   "errorCauses": [     {       "errorSummary": "login: Username must be in the form of an email address"     },     {       "errorSummary": "email: Does not match required pattern"     }   ] }</p>





			<pre> "provisionOnStartDate": false }  Response message: {   "primaryKey": null,   "status": 500,   "errorList": [     {       "i18nError": null,       "error": "INVALID_EMAIL_ADDRESS",       "validationError": null,       "params": null,       "message": "E-mail address has an invalid format"     }   ],   "redirectURL": null,   "successToken": null,   "successMessage": null,   "contextValues": null,   "stackTrace": null,   "possibleErrors": null,   "error": true } </pre>
21	電子郵件測試1@普遍適用測試.台灣	Register a new user in OKTA	<p>The email doesn't pass OKTA's internal validation to register a new user.</p> <p>OKTA User: <a href="mailto:developer@ihost.am">developer@ihost.am</a></p> <p>OKTA Sign-in URL: dev-25957965.okta.com</p> <p>Email to register: 電子郵件測試1@普遍適用測試.台灣</p> <p>Postman Call: <a href="https://dev-25957965.okta.com/api/v1/users?provider=false">https://dev-25957965.okta.com/api/v1/users?provider=false</a></p> <p>Post Type: post</p> <p>Header Key: Authorization</p> <p>Header Value: SSWS \${API token}</p> <p>Postman Body:</p> <pre> body {   "credentials": {     "password": {       "value": "tertr7WWte"     }   },   "profile": {     "firstName": "Second",     "lastName": "Test",     "use_mfa": false,     "login": "電子郵件測試1@普遍適用測試.台灣",     "email": "電子郵件測試1@普遍適用測試.台灣"   } } </pre> <p>Response Message:</p>



			<pre>{   "errorCode": "E0000001",   "errorSummary": "Api validation failed: email",   "errorLink": "E0000001",   "errorId": "oejsk7sbsaTwWoSGFbaMO50g",   "errorCauses": [     {       "errorSummary": "email: Does not match required pattern"     }   ] }</pre>
21	電子郵件測試1@普遍適用測試.台灣	Register a new user in OpenIAM	<p>The email doesn't pass OpenIAM's internal validation to register a new user. To replicate the error please do 2-step requests:</p> <p><b>Step 1: Request Access Token</b> OpenIAM version: 4.1.0.9, docker containers Postman Call: <a href="https://&lt;IP_address&gt;/idp/oauth2/token">https://&lt;IP_address&gt;/idp/oauth2/token</a> //OpenIAM local server Request type: post Body Format: x-www-form-urlencoded Body: key: client_id; value: \${client_id} key: client_secret; value: \${client_secret} key: username; value: \${username} key: password; value: \${password} key: grant_type; value: password Response message: {   "access_token":   "PTpmh2.cCwkAYAQXb7rXL_Y7BdIOajBOt0IPve6274Sb3BW07yf   AxluqkfVrMnvWV.kOUVFSSgJmgT-DvCD3sjtL3gqN18",   "token_type": "Bearer",   "expires_in": 1800 }</p> <p><i>Copy &lt;access_token&gt; and &lt;token_type&gt; values from the response to use it in step 2</i></p> <p><b>Step 2: Request to get register a new user</b> Email to register: 電子郵件測試1@普遍適用測試.台灣 Postman URL: <a href="https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser">https://&lt;IP_address&gt;/webconsole/rest/api/prov/saveUser</a> Request type: post Body Format: json Headers: key: Authorization value: &lt;token_type&gt; &lt;access_token&gt; //get from step 1 Body: {   "emailAddresses": [     {       "email": "電子郵件測試1@普遍適用測試.台灣",       "typeId": "PRIMARY_EMAIL",       "published": true</p>



			<pre>} ], "firstName": "ua-name", "lastName": "ua-name", "login": "電子郵件測試1@普遍適用測試.台灣 ", "roleIds": null, "visible": true, "supervisorId": "3000", "supervisorMetadataTypeId": "DEF_SUPERVISOR_TYPE", "metadataTypeId": "DEFAULT_USER", "notifyUserViaEmail": false, "notifySupervisorViaEmail": false, "provisionOnStartDate": false }  Response message: {   "primaryKey": null,   "status": 500,   "errorList": [     {       "i18nError": null,       "error": "INVALID_EMAIL_ADDRESS",       "validationError": null,       "params": null,       "message": "E-mail address has an invalid format"     }   ],   "redirectURL": null,   "successToken": null,   "successMessage": null,   "contextValues": null,   "stackTrace": null,   "possibleErrors": null,   "error": true }</pre>
22	Email-Épreuve1@épreuve-acceptation-universelle.org	Send Invitation	Error when send invitation: User already has a profile