Practice Test Rest API

* Api flow is designed as User - Exams - Registration – Exam Instance – Sections – Questions – End Exam - Exam Result
* Api can be authenticated using bearer token from cloudlabs login api. Or there is an external source flow to use api without bearer token. In that case, query param “regUniqueName” is used to pass user info. You can get this unique name as a response from some api. So, you will find some api support both authentication types or just bearer token.

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# ­­Get Exams

Get all the exams with metadata details. You can use this api using bearer token or without token, using regUniqueName query parameter.

**GET**: {domain}/exams

**GET**: {domain}/exams?regUniqueName={regUniqueName}

Request Headers

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Authorization | Bearer | Using cloudlabs authentication api |

URL Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **In** | **Required** | **Type** | **Description** |
| regUniqueName | query | False | GUID | User exam registration assignment unique name |

Response

Status Code: 200

[

    {

        "productId": "AZ900",

        "language": "English",

        "title": "AZ-900 (Microsoft Azure Fundamentals)",

        "version": "1.0",

        "productType": "Practice Test",

        "passPercentage": 70,

        "totalSections": 1,

        "totalQuestions": 30,

        "minutesToComplete": 60,

        "thumbnail": "docs.microsoft.com/en-us/media/learn/certification/badges/certification-exam.svg",

        "examUniqueName": "592c6194-7cf0-47e0-aab9-767ae968de7d",

        "overview": "This exam measures your ability to describe the following concepts: cloud concepts; core Azure services; core solutions and management tools on Azure; general security and network security features; identity, governance, privacy, and compliance features; and Azure cost management and Service Level Agreements.",

        "isFree": **true**,

        "tags": [

            "Azure",

            "Developer",

            "Intermediate"

        ]

    }

]

# Get Exam

Get exam metadata details for an exam using exam unique name. You can use this api using bearer token or without token, using regUniqueName query parameter.

**GET**: {domain}/exams/{examUniqueName}

**GET**: {domain}/exams/{examUniqueName}?regUniqueName={regUniqueName}

Request Headers

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Authorization | Bearer | Using cloudlabs authentication api |

URL Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **In** | **Required** | **Type** | **Description** |
| regUniqueName | query | False | GUID | User exam registration assignment unique name |
| examUniqueName | Path | True | GUID | Exam unique name |

Response

Status Code: 200

{

        "productId": "AZ900",

        "language": "English",

        "title": "AZ-900 (Microsoft Azure Fundamentals)",

        "version": "1.0",

        "productType": "Practice Test",

        "passPercentage": 70,

        "totalSections": 1,

        "totalQuestions": 30,

        "minutesToComplete": 60,

        "thumbnail": "docs.microsoft.com/en-us/media/learn/certification/badges/certification-exam.svg",

        "examUniqueName": "592c6194-7cf0-47e0-aab9-767ae968de7d",

        "overview": "This exam measures your ability to describe the following concepts: cloud concepts; core Azure services; core solutions and management tools on Azure; general security and network security features; identity, governance, privacy, and compliance features; and Azure cost management and Service Level Agreements.",

        "isFree": **true**,

        "tags": [

            "Azure",

            "Developer",

            "Intermediate"

        ]

}

# Get Exams with User Exam Instance details

Get all the exams with metadata details and few properties that describes user status for the exam.

hasInstanceNotCompleted : will be true if user has any exam instance which is not completed.

examInstanceUniqueName : Unique name of the exam instance which is not completed.

hasAssignedVoucher : True if user has any voucher assigned for this exam.

If hasInstanceNotCompleted is true than continue with the same exam instance. Otherwise, check if exam is free. In case exam is not free, then check for assigned voucher, voucher is also not assigned than don’t start exam and request to purchase.

**GET**: {domain}/users/exams

Request Headers

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Authorization | Bearer | Using cloudlabs authentication api |

Response

Status Code: 200

[

    {

        "productId": "AZ900",

        "language": "English",

        "title": "AZ-900 (Microsoft Azure Fundamentals)",

        "version": "1.0",

        "productType": "Practice Test",

        "passPercentage": 70,

        "totalSections": 1,

        "totalQuestions": 30,

        "minutesToComplete": 60,

        "thumbnail": "docs.microsoft.com/en-us/media/learn/certification/badges/certification-exam.svg",

        "hasInstanceNotCompleted": **true**,

        "examInstanceUniqueName": "5e5aa3e6-6bb0-4ef8-890c-8d62e9c9f517",

        "hasAssignedVoucher": **false**,

        "examUniqueName": "592c6194-7cf0-47e0-aab9-767ae968de7d",

        "overview": "This exam measures your ability to describe the following concepts: cloud concepts; core Azure services; core solutions and management tools on Azure; general security and network security features; identity, governance, privacy, and compliance features; and Azure cost management and Service Level Agreements.",

        "isFree": **true**,

        "tags": [

            "Azure",

            "Developer",

            "Intermediate"

        ],

"instruction": "https://clpracticetestqastorage.blob.core.windows.net/content-files/CommonInstructions.md"

    }

]

# Get completed exams for the user

Use this end point to get all the completed exam instances for the user, with result details for the exam.

**GET:** {domain}/users/examInstances

Request Headers

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Authorization | Bearer | Using cloudlabs authentication api |

Response

Status Code: 200

[

    {

        "examUniqueName": "592c6194-7cf0-47e0-aab9-767ae968de7d",

        "examInstanceUniqueName": "57a5ce47-ee1e-4129-9293-026a742b2918",

        "productId": "AZ900",

        "title": "AZ-900 (Microsoft Azure Fundamentals)",

        "version": "1.0",

        "productType": "Practice Test",

        "passPercentage": 70,

        "totalQuestions": 30,

        "minutesToComplete": 60,

        "startDate": "2021-02-05T09:23:34.06686",

        "endDate": "2021-02-05T09:32:12.0391297",

        "elapsedTime": "01:18:00",

        "scoredPercentage": 0,

        "totalScore": 36,

        "userScore": 0,

        "tags": [

            "Azure",

            "Developer",

            "Intermediate"

        ],

        "language": "English"

    }

]

# Create exam instance

User can create exam instance for a free exam, or using a voucher code, or using an activation code, or when exam voucher is already assigned to the user. Api returns exam instance details with all the sections in the exam.

**POST :** {domain}/exams/{examUniqueName}/examInstances

Request Headers

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Authorization | Bearer | Using cloudlabs authentication api |

URL Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **In** | **Required** | **Type** | **Description** |
| examUniqueName | Path | True | GUID | Exam unique name |

Request Body

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Required** | **Type** | **Description** |
| VoucherCode | False | String | Voucher code |
| ActivationCode | False | String | Activation code |

Request Body

{

    "VoucherCode" : "",,

    "ActivationCode" : "",

}

Response

Status Code: 200

{

    "examInstanceUniqueName": "cf5095da-4ff9-48e0-bb52-7908d41eec10",

    "minutesToComplete": 60,

    "language": "English",

    "sections": [

        {

            "sectionType": "Free Flow",

            "reviewAllowed": **true**,

            "totalQuestions": 30,

            "examSectionUniqueName": "1705503c-ed36-416d-8634-320c3846c719",

            "isSubmitted": **false**,

            "inProgress": **false**,

            "overview": **null**,

            "tabs": [],

"instruction": "https://clpracticetestqastorage.blob.core.windows.net/content-files/CommonInstructions.md"

        }

    ]

}

# Get Exam Instance details

This api end point is used to get exam instance details with all the sections in the exam.

**GET:** {domain}/exams/examInstances/{examInstanceUniqueName}

**GET:** {domain}/exams/examInstances/{examInstanceUniqueName}?regUniqueName={regUniqueName}

Request Headers

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Authorization | Bearer | Using cloudlabs authentication api |

URL Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **In** | **Required** | **Type** | **Description** |
| regUniqueName | query | False | GUID | User exam registration assignment unique name |
| examInstanceUniqueName | Path | True | GUID | Exam instance unique name |

Response

Status Code: 200

{

    "language": "English",

    "minutesToComplete": 60,

    "examUniqueName": "592c6194-7cf0-47e0-aab9-767ae968de7d",

    "startDate": "2021-01-21T07:39:33.2323909",

    "elapsedTime": "",

    "sections": [

        {

            "sectionType": "Free Flow",

            "reviewAllowed": **true**,

            "totalQuestions": 30,

            "examSectionUniqueName": "aeaa6827-6db5-49bd-a47b-8cebe42699c3",

            "isSubmitted": **false**,

            "inProgress": **false**,

            "overview": **null**,

            "tabs": [], "instruction": "https://clpracticetestqastorage.blob.core.windows.net/content-files/CommonInstructions.md"

        }

    ]

}

# Get section questions

Api end point is used to get all the questions of the section.

**GET:** {domain}/exams/sections/{sectionUniqueName}

**GET:** {domain}/exams/sections/{sectionUniqueName}?regUniqueName={regUniqueName}

Request Headers

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Authorization | Bearer | Using cloudlabs authentication api |
| PUBLIC-API-KEY | string | RSA public key encrypted with custom algorithm |

URL Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **In** | **Required** | **Type** | **Description** |
| regUniqueName | query | False | GUID | User exam registration assignment unique name |
| sectionUniqueName | Path | True | GUID | Section unique name |

Response

Status Code: 200

[

    {

        "questionType": "Single Choice",

        "maxAnswers": 0,

        "questionUniqueName": "2ca5cf9b-6814-471c-8c9e-73cea4a7767d",

        "question": "You plan to map a network drive from several computers that run Windows 10 to Azure Storage. You need to create a storage solution in Azure for the planned mapped drive.<br><br>What should you create?",

        "note": **null**,

        "instruction": **null**,

        "reviewLater": **null**,

        "inProgress": **false**,

        "userAnswers": [],

        "labels": [],

        "options": [

            {

                "key": "Option 1",

                "value": "a Blobs service in a storage account"

            },

            {

                "key": "Option 2",

                "value": "a Files service in a storage account"

            },

            {

                "key": "Option 3",

                "value": "an Azure SQL database"

            },

            {

                "key": "Option 4",

                "value": "a virtual machine data disk"

            }

        ]

    },

......... More questions will be there.

]

Question InProgress indicates last updated question. In case, when user revisit the exam instance, use this property to set current question. When all questions have InProgress as false, then set first question as current question, for ex. When new exam started, or user did not update any question.

# Get user lab details

Api end point to get user azure login details for performance quiz section type.

“deploymentStatus” can be Registered, Failed, Deploying, Succeeded, Deleting, Deleted.

Deployment is a time-consuming process, and you can expect some delay. You must keep polling the api while deployment status is “deploying”. If it is “succeeded”, then you can expect some value for username and password, and you can show that in UI. For all other cases, simply show some error message.

**GET :** {domain}/exams/sections/{sectionUniqueName}/labDetails

**GET :** {domain}/exams/sections/{sectionUniqueName}/labDetails?regUniqueName={regUniqueName}

Request Headers

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Authorization | Bearer | Using cloudlabs authentication api |

URL Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **In** | **Required** | **Type** | **Description** |
| regUniqueName | query | False | GUID | User exam registration assignment unique name |
| sectionUniqueName | Path | True | GUID | section instance unique name |

Response

Status code : 200

{

"status": "Success",

"message": null,

"content": {

"userName": "test123@xyz.onmicrosoft.com",

"password": "123",

"deploymentStatus": "Succeeded"

}

}

# Update user response

This api end point is used to update selected answer for a question.

**PATCH:** {domain}/exams/questions/{questionUniqueName}

**PATCH:** {domain}/exams/questions/{questionUniqueName}?regUniqueName={regUniqueName}

Request Headers

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Authorization | Bearer | Using cloudlabs authentication api |

URL Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **In** | **Required** | **Type** | **Description** |
| regUniqueName | query | False | GUID | User exam registration assignment unique name |
| questionsUniqueName | Path | True | GUID | Question unique name |

Request Body

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Required** | **Type** | **Description** |
| ElapsedTime | True | Timespan | Elapsed time from start |
| ReviewLater | False | boolean | Question marked to review later |
| UserAnswer | True | Array | Array of all the selected answers |

Request Body

{

    "elapsedTime" : "00:59:02",

    "ReviewLater" : **true**,

    "UserAnswer" : [

                {

                    "key": "Option 1",

                    "value": **null**

                }

    ]

}

Response

Status Code: 200

{

    "status": "Success",

    "message": "User response for the question is saved."

}

# Update exam elapsed time

Api end point to update elapsed time for the exam instance.

**PATCH :**{domain}/exams/examInstances/{examInstanceUniqueName}

**PATCH :**{domain}/exams/examInstances/{examInstanceUniqueName}?regUniqueName={regUniqueName}

Request Headers

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Authorization | Bearer | Using cloudlabs authentication api |

URL Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **In** | **Required** | **Type** | **Description** |
| regUniqueName | query | False | GUID | User exam registration assignment unique name |
| examInstanceUniqueName | Path | True | GUID | Exam instance unique name |

Request Body

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Required** | **Type** | **Description** |
| ElapsedTime | True | Timespan | Elapsed time from start |

Request Body

{

    "elapsedTime" : "00:59:50"

}

Response

Status Code: 200

{

    "status": "Success",

    "message": "Exam instance updated."

}

# Set section in progress

Used to mark section as started by the user. So that when user starts the exam again, can start with the same section.

**PATCH:** {domain}/exams/sections/{sectionUniqueName}/inProgress

**PATCH :**{domain}/exams/sections/{sectionUniqueName}/inProgress?regUniqueName={regUniqueName}

Request Headers

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Authorization | Bearer | Using cloudlabs authentication api |

URL Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **In** | **Required** | **Type** | **Description** |
| regUniqueName | query | False | GUID | User exam registration assignment unique name |
| sectionUniqueName | Path | True | GUID | Section unique name |

Request Body

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Required** | **Type** | **Description** |
| ElapsedTime | True | Timespan | Elapsed time from start |

Request Body

{

    "elapsedTime" : "00:59:50"

}

Response

Status Code: 200

{

    "status": "Success",

    "message": "Exam section set as in progress."

}

# Set section as submitted

Api end point to set section as submitted. After a section is set as submitted, user cannot update a question response for that section.

**PATCH**: {domain}/exams/sections/{sectionUniqueName}/submit

**PATCH**: {domain}/exams/sections/{sectionUniqueName}/submit?regUniqueName={regUniqueName}

Request Headers

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Authorization | Bearer | Using cloudlabs authentication api |

URL Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **In** | **Required** | **Type** | **Description** |
| regUniqueName | query | False | GUID | User exam registration assignment unique name |
| sectionUniqueName | Path | True | GUID | Section unique name |

Request Body

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Required** | **Type** | **Description** |
| ElapsedTime | True | Timespan | Elapsed time from start |

Request Body

{

    "elapsedTime" : "00:59:50"

}

Response

{

    "status": "Success",

    "message": "Exam section set as submitted."

}

# Set question in progress

Used to mark question as current question. So that when user starts the exam again, he can start with same question.

**PATCH:** {domain}/exams/questions/{questionUniqueName}/inProgress

**PATCH :**{domain}/exams/questions/{questionUniqueName}/inProgress?regUniqueName={regUniqueName}

Request Headers

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Authorization | Bearer | Using cloudlabs authentication api |

URL Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **In** | **Required** | **Type** | **Description** |
| regUniqueName | query | False | GUID | User exam registration assignment unique name |
| questionUniqueName | Path | True | GUID | Question unique name |

Response

Status Code : 200

{

    "status": "Success",

    "message": "Exam question set as in progress."

}

# End exam instance

Api to end an exam and mark it as completed. Returns percentage scored by the user and pass/fail status.

**PATCH:** {domain}/exams/examInstances/{examInstanceUniqueName}/end

**PATCH :**{domain}/exams/examInstances/{examInstanceUniqueName}/end?regUniqueName={regUniqueName}

Request Headers

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Authorization | Bearer | Using cloudlabs authentication api |

URL Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **In** | **Required** | **Type** | **Description** |
| regUniqueName | query | False | GUID | User exam registration assignment unique name |
| examInstanceUniqueName | Path | True | GUID | Exam instance unique name |

Request Body

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Required** | **Type** | **Description** |
| ElapsedTime | True | Timespan | Elapsed time from start |

Request Body

{

    "elapsedTime" : "00:59:55"

}

Response

Status code : 200

{

    "scoredPercentage": 0,

    "isPassed": **false**

}

# Get exam instance result

Api end point to get exam instance result details. Response contains exam result details with all the sections and questions for every section.

**GET :** {domain}/exams/examInstances/{examInstanceUniqueName}/result

**GET :**{domain}/exams/examInstances/{examInstanceUniqueName}/result?regUniqueName={regUniqueName}

Request Headers

|  |  |  |
| --- | --- | --- |
| **Name** | **Type** | **Description** |
| Authorization | Bearer | Using cloudlabs authentication api |
| PUBLIC-API-KEY | String | RSA public key encrypted with custom algorithm |

URL Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **In** | **Required** | **Type** | **Description** |
| regUniqueName | query | False | GUID | User exam registration assignment unique name |
| examInstanceUniqueName | Path | True | GUID | Exam instance unique name |

Response

Status code : 200

{

    "language": "English",

    "title": "AZ-900 (Microsoft Azure Fundamentals)",

    "totalQuestions": 30,

    "elapsedTime": "01:01:00",

    "scoredPercentage": 0,

    "totalScore": 36,

    "userScore": 0,

    "isPassed": **false**,

    "sections": [

        {

            "sectionType": "Free Flow",

            "overview": **null**,

            "questions": [

                {

                    "questionType": "Single Choice",

                    "maxAnswers": 0,

                    "question": "You plan to map a network drive from several computers that run Windows 10 to Azure Storage. You need to create a storage solution in Azure for the planned mapped drive.<br><br>What should you create?",

                    "referenceLinks": [],

                    "explanation": **null**,

                    "questionScore": 1,

                    "userScore": 0,

                    "userAnswers": [

                        {

                            "key": "Option 1",

                            "value": **null**,

                            "isCorrect": **false**

                        }

                    ],

                    "labels": [],

                    "options": [

                        {

                            "key": "Option 1",

                            "value": "a Blobs service in a storage account"

                        },

                        {

                            "key": "Option 2",

                            "value": "a Files service in a storage account"

                        },

                        {

                            "key": "Option 3",

                            "value": "an Azure SQL database"

                        },

                        {

                            "key": "Option 4",

                            "value": "a virtual machine data disk"

                        }

                    ],

                    "answers": [

                        {

                            "key": "Option 2",

                            "value": **null**

                        }

                    ]

                },

All sections and questions will be there with user response for the question.

]

# Post external exam registration and get redirection url

This api end point is used to create exam registration for the user. There will be only single registration for the exam for a user. So, the same registration and voucher code is used, and post again will update the max attempt count for the voucher. These registrations are marked as external in database and will remain separate from other vouchers. Api response are filtered and you will never get any exam or voucher details for an external registration is normal flow of api.

**POST:** {domain}/externals

Request Body

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Required** | **Type** | **Description** |
| ProductId | True | string | Exam Id for the exam |
| Email | True | String | User email id |
| MaxAttemptCount | False | Int | Default value is 1, set maximum times user can take test |

Request Body

{

  "ProductId" : "AZ900",

    "Email" : [mayank.karki90@hotmail.com](mailto:mayank.karki90@hotmail.com),

“MaxAttemptCount” : 2

}

Response

Status Code : 200

{

"status": "Success",

"message": null,

"content": "https://cloudlabs-practice-test-qa.azurewebsites.net/tests/592c6194-7cf0-47e0-aab9-767ae968de7d/public?regUniqueName=2b4bea7c-5b29-4464-816e-a666286a1d27"

}

# Get exam redirection url for voucher code

This api end point is used to validate voucher code and get exam url.

**GET:** {domain}/externals?voucherCode={voucherCode}

URL Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **In** | **Required** | **Type** | **Description** |
| voucherCode | query | True | String | Voucher code to start test |

Response

Status Code : 200

{

"status": "Success",

"message": null,

"content": "https://cloudlabs-practice-test-qa.azurewebsites.net/tests/592c6194-7cf0-47e0-aab9-767ae968de7d/public?regUniqueName=2b4bea7c-5b29-4464-816e-a666286a1d27"

}

# Get exam for external source

Api to get exam details with metadata and some properties to get user details for the exam

**GET :** {domain}/externals/{examUniqueName}?regUniqueName={regUniqueName}

URL Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **In** | **Required** | **Type** | **Description** |
| regUniqueName | query | True | GUID | User exam registration assignment unique name |
| examUniqueName | Path | True | GUID | Exam unique name |

Response

Status code : 200

{

    "productId": "AZ900",

    "language": "English",

    "title": "AZ-900 (Microsoft Azure Fundamentals)",

    "version": "1.0",

    "productType": "Practice Test",

    "passPercentage": 70,

    "totalSections": 1,

    "totalQuestions": 30,

    "minutesToComplete": 60,

    "thumbnail": "docs.microsoft.com/en-us/media/learn/certification/badges/certification-exam.svg",

    "hasInstanceNotCompleted": **false**,

    "examInstanceUniqueName": **null**,

    "hasAssignedVoucher": **false**,

    "examUniqueName": "592c6194-7cf0-47e0-aab9-767ae968de7d",

    "overview": "This exam measures your ability to describe the following concepts: cloud concepts; core Azure services; core solutions and management tools on Azure; general security and network security features; identity, governance, privacy, and compliance features; and Azure cost management and Service Level Agreements.",

    "isFree": **true**,

    "tags": [

        "Azure",

        "Developer",

        "Intermediate"

    ]

}

# Create exam instance for external source

Api end point to create exam instance for external source.

**POST :** {domain}/externals/{examUniqueName}/examInstances?regUniqueName={regUniqueName}

URL Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **In** | **Required** | **Type** | **Description** |
| regUniqueName | query | True | GUID | User exam registration assignment unique name |
| examUniqueName | Path | True | GUID | Exam unique name |

Response

Status code : 200

{

    "examInstanceUniqueName": "cf5095da-4ff9-48e0-bb52-7908d41eec10",

    "minutesToComplete": 60,

    "language": "English",

    "sections": [

        {

            "sectionType": "Free Flow",

            "reviewAllowed": **true**,

            "totalQuestions": 30,

            "examSectionUniqueName": "1705503c-ed36-416d-8634-320c3846c719",

            "isSubmitted": **false**,

            "inProgress": **false**,

            "overview": **null**,

            "tabs": []

        }

    ]

}

# Create user exam registration

Api end point to create exam registration for the user. Api will return registration details with voucher code.

**POST :** {domain}/examRegistrations

Request Body

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Required** | **Type** | **Description** |
| ProductId | True | string | Exam Id for the exam |
| Email | True | String | Manager user email id |
| MaxAttemptCount | False | Int | Default value is 1, set maximum times user can take test |
| NoOfVouchers | False | Int | Default is 1, create multiple vouchers, each voucher will have same maxAttemptCount |
| ExpiryDateUTC | False | Datetine | Expiry date of voucher |
| TransactionNo | False | String | Any info for registration |
| OfferCode | False | String | Offer code for exam |
| AssignedUsersEmail | False | String | List to assign vouchers to user email. Can create voucher without assigning a user. Or assigned user email count can be less than vouchers count. |

Request Body

{

    "ProductId" : "QuickTest",

    "NoOfVouchers" : 1,

    "ExpiryDateUTC" : "2021-06-07",

    "TransactionNo" : "123456FRT",

    "OfferCode" : "",

    "Email" : "testEmail@ert.com",

    "MaxAttemptCount" : 2,

    "AssignedUsersEmail" : [

        "testEmail@ert.com"

    ]

}

Response

Status code : 200

{

"status": "Success",

"message": null,

"content": {

"examRegistrationUniqueName": "ca13c740-5557-4a50-8871-1d62d3a4971b",

"examVouchers": [

{

"voucherCode": "CLHXAJKCH",

"expiryDate": "2021-06-07T00:00:00",

"assignedUserEmail": "testEmail@ert.com",

"maxAttemptCount": 2

}

]

}

}

# Get voucher details using exam registration assignment unique name

Api end point to get voucher details using exam registration assignment unique name.

**POST :**{domain}/examRegistrations/{examRegistrationUniqueName}/assignments/{assignmentUniqueName}

URL Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **In** | **Required** | **Type** | **Description** |
| examRegistrationUniqueName | Path | True | GUID | registration unique name |
| assignmentUniqueName | Path | True | GUID | Registration assignment unique name |

Response

Status code : 200

{

"status": "Success",

"message": null,

"content": {

"voucherCode": "CLR3WAJZN3D",

"expiryDate": "2021-06-08T00:00:00",

"assignedUserEmail": "test@hotmail.com",

"maxAttemptCount": 2,

"examRegistrationAssignmentUniqueName": "3b1ae6a7-e9d6-4ee4-ae78-feefae432473"

}

}

# Notes

* On HTTP PATCH requests, when elapsed time passed the exam time limit, exam instances auto ended. And you can expect the response below in that case. Check for response status and show exam result page.

{

    "status": "AutoEndedExam",

    "message": "Exam instance updated."

}

* In case of error, status can be 500 with below response or NotFound.

{

    "status": "Error",

    "message": "Exam instance is already set as completed."

}