

QUIZ APP

API DOCUMENTATION

PROJECT URL: <http://18.234.7.15:8000>USER

SIGNUP

Call this endpoint to sign up a new user and send a verification email.

- **ENDPOINT:** `api/accounts/signup/`
- **METHOD:** POST
 - **Payload**
 - email(required)
 - code(optional) -> If code is provided the signup workflow will check the invitation workflow.
 - password(required)
 - first_name(optional)
 - last_name(optional)
- **SAMPLE OUTPUT**

```
{  
  "email": "amelia.earhart@boeing.com"  
  "first_name": "Amelia",  
  "last_name": "Earhart",  
}
```

SIGNUP VERIFY

Call this endpoint to verify the user signup code when user click the link in the signup email

- **ENDPOINT:** `/api/accounts/password/verify/?code=<code>`
- **METHOD:** GET

- Parameters
 - code(required)
- **SAMPLE OUTPUT**

```
{  
  "success": "User verified"  
}
```

LOGIN

Call this endpoint to log in with email as username.

- **ENDPOINT: /api/accounts/login/**
- **METHOD: POST**
 - **Payload**
 - email(required)
 - password(required)

- **SAMPLE OUTPUT**

```
{  
  
  "id": 2,  
  
  "email": "manetest@pokemail.net",  
  
  "first_name": "Mane",  
  
  "last_name": "Stro",  
  
  "token": "040ad2827c0f839c92de7eed5225e2aa3b873c06"  
}
```

PASSWORD RESET REQUEST

Call this endpoint to send an email to a user with a code so that they can request their password.

- **ENDPOINT:** `/api/accounts/password/reset/`
- **METHOD:** POST
 - **Payload**
 - email(required)
- **SAMPLE OUTPUT**

```
{  
  "email": "mane@pokemail.net"  
}
```

PASSWORD RESET REQUEST VERIFY

Call this endpoint to verify the password reset code when user click the link in the password reset email

- **ENDPOINT:** `/api/accounts/password/reset/verify/?code=<code>`
- **METHOD:** GET
 - **Parameters**
 - code(required)
- **SAMPLE OUTPUT**

```
{  
  "success": "User verified"  
}
```

PASSWORD RESET

Call this endpoint with the password reset code and the new password, to reset the user's password

- **ENDPOINT:** `/api/accounts/password/reset/verified/`
- **METHOD:** POST
 - **Payload**
 - code(required)

- password(required)

- **SAMPLE OUTPUT**

```
{  
  "success": "Password reset"  
}
```

PASSWORD CHANGE

Call this endpoint to change a user's password

- **ENDPOINT:** /api/accounts/password/change/
- **METHOD:** POST
 - **Payload**
 - password(required)
 - **Headers**
 - Authorization: Token <token>

- **SAMPLE OUTPUT**

```
{  
  "success": "Password changed"  
}
```

LOGGED IN USER DETAIL

Call this endpoint to get the detail of logged in user

- **ENDPOINT:** /api/accounts/user-me
- **METHOD:** GET
 - **Headers**
 - Authorization: Token <token>
- **SAMPLE OUTPUT**

```
{  
  
  "id": 7,
```

```
"email": "phuyal@mailinator.com",  
  
"first_name": "phuyal",  
  
"last_name": "shrawan",  
  
"is_superuser": false,  
  
"is_active": true,  
  
"quizes": [  
  
    34  
  
]  
  
}
```

LOGOUT

Call this endpoint to logout an authenticated user.

- **ENDPOINT:** /api/accounts/logout
- **METHOD:** GET
 - **Headers**
 - Authorization: Token <token>
- **SAMPLE OUTPUT**

```
{  
  "success": "User logged out."  
}
```

QUIZ

CREATE CATEGORY

Call this endpoint to create a new category.

- **ENDPOINT:** `category/`
- **METHOD:** POST
 - **Payload**
 - `category(required)`
 - `category_logo`
 - `description`
- **SAMPLE OUTPUT**

```
{"id":1,"category":"Test Cat1"}
```

CREATE SUB CATEGORY

Call this endpoint to create a new sub-category.

- **ENDPOINT:** `subcategory/`
- **METHOD:** POST
 - **Payload**
 - `category(required)` -> id of valid category
 - `sub_category(required)`
 - `Sub_category_logo`
 - `description`
- **SAMPLE OUTPUT**

```
{"id":5,"category":1,"sub_category":"Test sub cat 1","category_name":"Testcat1","price":200}
```

CREATE QUIZ

Call this endpoint to create a new quiz.

(* these fields are not used currently)

- **ENDPOINT:** quiz/
- **METHOD:** POST
 - **Payload**
 - title
 - description
 - category ->id of valid category
 - sub_category->id of valid subcategory
 - random_order (boolean field)
 - exam_paper*
 - single_attempt (considered as real exam. If it is true then answers_at_end must be true. If it is false, answers_at_end may or may not be true)
 - pass_mark (percentage)
 - answers_at_end (booleanfield)
 - points (points per question)
 - success_text
 - fail_text
 - Draft
 - duration_time
 - max_questions(integerfield)
 - Description
 - one_time_quiz
 -
- **SAMPLE OUTPUT**

{

"id": 1,

"title": "Basic Questions",

"description": "This quizz contains basic questions for the testing purpose",

"category": 1,

"Sub_category":1,

"category_name":"mytest"

"random_order": true,

"max_questions": 5,

"answers_at_end": false,

"exam_paper": false,

"single_attempt": false,

"pass_mark": 20,

"`": "You Passed",

"fail_text": "You Lose",

"draft": false,

"points": 1,

"has_questions": true


```
"Duration_time":01:00:00
```

```
One_time_quiz: true
```

```
}
```

ADD QUESTION

Call this endpoint to add a new question.

- **ENDPOINT:** mcquestion/
- **METHOD:** POST
 - **Payload**
 - quiz(required) -> id of valid quiz
 - category->id of valid category
 - sub_category->id of valid subcategory
 - content(required)
 - Explanation
 - question_url
 - answer_order(choice fields) -> choices(content, random, none)
- **SAMPLE OUTPUT**

```
{
```

```
"id": 1,
```

```
"quiz": [
```

```
1
```

```
    ],  
  
    "category": 1,  
  
    "sub_category": 5,  
  
    "figure": null,  
  
    "content": "What is the first day of the week",  
  
    "explanation": "Except in Nepal, first day of the week is  
Monday.",  
  
    "answer_order": "random"  
  
}
```

ADD ANSWER

Call this endpoint to add answers.

- **ENDPOINT:** `mcqanswer/`
- **METHOD:** **POST**
 - **Payload**
 - `question(required)` -> id of valid question
 - `content(required)`
 - `correct(required)` BooleanField
- **SAMPLE OUTPUT**

```
{  
  
    "id": 1,  
  
    "question": 1,
```

```
"content": "Monday",
```

```
"correct": true
```

```
}
```

USER SITTING

Call this endpoint whenever user starts new quiz or wants to continue certain quiz

- **ENDPOINT:** usersitting/
- **METHOD:** POST
 - **Payload**
 - quiz(required) -> id of valid quiz
- **SAMPLE OUTPUT**

```
{
```

```
"id": 1,
```

```
"user": 1,
```

```
"quiz": 1,
```

```
"question_order": "2,1,",
```

```
"question_list": "2,1,",
```

```
"current_score": 0,
```

```
"complete": false,
```

```
"user_answers": "{}",
```

```
"start": "2018-12-30T08:25:19.351810Z",
```

```
"end": null,
```

```
"question_id": 2,
```

```
"multiple_answer": false,
```

```
"question": "What is the second letter of english alphabet?",
```

```
"choices": [
```

```
{
```

```
"id": 5,
```

```
"content": "A"
```

```
},
```

```
{
```

```
"id": 6,
```

```
"content": "B"
```

```
},
```

```
{
```

```
"id": 7,
```

```
"content": "Z"
```

```
    },  
  
    {  
  
      "id": 8,  
  
      "content": "G"  
    }  
  ]  
}
```

STORE USER ANSWER

Call this endpoint to store the answer given by user and also calculate score and return the answer if answer_at_last is false for the quiz taken.

- **ENDPOINT:** `store_answer/`
- **METHOD:** **POST**
 - **Payload**
 - `sitting(required)` -> id of valid sitting
 - `question(required)` -> id of valid question
 - `user_guess` -> id of answer guessed by user ,send as array eg:[1] or for multiple answer [1,2]
- **SAMPLE OUTPUT**

```
{  
  
  "success": "true",  
  
  "response": {  
  
    "id": 1,
```

```
"user": 1,
```

```
"quiz": 1,
```

```
"question_order": "2,1",
```

```
"question_list": "1",
```

```
"current_score": 7,
```

```
"complete": false,
```

```
"user_answers": "{\"2\": \"6\"}",
```

```
"start": "2018-12-30T08:25:19.351810Z",
```

```
"end": null,
```

```
"question_id": 1,
```

```
"question": "What is the first day of the week",
```

```
"choices": [
```

```
{
```

```
"id": 1,
```

```
"content": "Monday"
```

```
},
```

```
{
```

```
"id": 2,
```

```
"content": "Saturday"
```

```
},
```

```
{
```

```
"id": 3,
```

```
"content": "Tuesday"
```

```
},
```

```
{
```

```
"id": 4,
```

```
"content": "Wednesday"
```

```
}
```

```
],
```

```
"previous_answer": [
```

```
{
```

```
"id": 6,
```

```
"content": "B",
```

```
"explanation": "A is the first so B is the second."
```

```
    }  
  ]  
}  
  
}
```

COMPLETE THE QUIZ

Call this endpoint to end the quiz.

- **ENDPOINT:** `complete_quiz/`
- **METHOD:** `POST`
 - **Payload**
 - `sitting(required)` -> id of valid sitting
- **SAMPLE OUTPUT**

```
{  
  
  "success": "true",  
  
  "response": {  
  
    "id": 1,  
  
    "user": 1,  
  
    "quiz": 1,  
  
    "question_order": "2,1,",  
  
    "question_list": "1,"
```



```
    "current_score": 1,

    "complete": true,

    "user_answers": "{\"2\": \"6\"}",

    "start": "2018-12-30T08:25:19.351810Z",

    "end": "2019-01-02T10:30:08.244440Z",

    "message": "You Passed"

  }

}
```

GET ALL QUESTIONS

Call this endpoint to get all the questions in the particular sitting together with user answers if applicable.

- **ENDPOINT:** `all_questions/`
- **METHOD:** GET
 - **Parameters**
 - `sitting(required)` -> id of valid sitting
- **SAMPLE OUTPUT**

```
{

  "success": "true",

  "response": [
```

```
{
```

```
  "question_id": 1,
```

```
  "explanation": "first day of week"
```

```
  "question": "What is the first day of the week",
```

```
  "multiple_answer": false,
```

```
  "URL": "www.awswhitepaper.com"
```

```
  "choices": [
```

```
    {
```

```
      "id": 1,
```

```
      "correct": true,
```

```
      "content": "Monday"
```

```
    },
```

```
    {
```

```
      "id": 2,
```

```
      "correct": false
```

```
      "content": "Saturday"
```

```
    },
```

```
{  
  "id": 3,  
  "correct": "false"  
  "content": "Tuesday"  
},  
{  
  "id": 4,  
  "correct";false  
  "content": "Wednesday"  
}  
],  
  "user_answer": "3"  
},  
{  
  "question_id": 2,  
  "question": "What is the second letter of english  
alphabet?",  
  "Explanation": "english alphabet"
```

```
"multiple_answer": false,
```

```
"URL": "www.awswhitepaper.com"
```

```
"choices": [
```

```
{
```

```
"id": 5,
```

```
"correct": false,
```

```
"content": "A"
```

```
},
```

```
{
```

```
"id": 6,
```

```
"Correct": true
```

```
"content": "B"
```

```
},
```

```
{
```

```
"id": 7,
```

```
"content": "Z"
```

```
"correct": false
```

```
},
```

```
{
```

```
"id": 8,
```

```
"content": "G"
```

```
"correct": false:
```

```
}
```

```
],
```

```
"user_answer": "2"
```

```
}
```

```
],
```

```
"quiz": 1,
```

```
"quiz_title": "Basic Questions",
```

```
"answer_at_end": false,
```

```
"sitting_id": 2
```

```
"result": "you lose"
```

```
"number_correct": 3
```

```
"totalquestions": 5
```

```
"Incorrect":2
```

```
"start_time":"2019-01-24T17:58:11.499Z"
```

```
"end_time": "2019-01-24T17:59:06.551Z",
```

```
"duration_time": null,
```

```
"total_unattempt": 0,
```

```
"single_attempt": false,
```

```
points_per_question": 1,
```

```
"pass_marks": 20,
```

```
}
```

RECORDS

Call this endpoint to get all record of complete sitting.

- **ENDPOINT:** records/
- **METHOD:GET**
 - **Parameters**
 - quiz(required) -> id of valid quiz
- **SAMPLE OUTPUT**

```
{

  "user_id": 1,

  "records": [

    {

      "quiz": 1,

      "quiz_title": "Basic Questions",

      "graph":
      "iVBORw0KGgoAAAANSUUEUgAAAoAAAAHgCAYAAAA10dzkAAAAB
      HNCSVQICAgIfAhkiAAAAAlwSFizAAAPYQAAD2EBqD+naQAAADIOR
      Vh0U29mdHdhcmUAAbWF0cGxvdGxpYiB2ZXJzaW9uIDMuMC4yLCBo
      dHRwOi8vbWF0cGxvdGxpYi5vcmcvOIA7rQAAIABJREFUeJzt3XI4FeX
      9/vF7TvYQchJDTAiElluiLMoiqICAIFhpVURFRKqo0FJkrQpW0KAo0I/Fr
      QpVKaBSQUUobiAiQVYtIAoqixHCEglFTE4glWR5fn/wzSnHJKzJGXLm
      /bquc7WZeWbmM0s7N7M9IjHGCAAAAI7hsrsAAAAA+BcBEAAAwGEI
      gAAAAA5DAAQAAHAYAiAAAIIDDEAABAAAchgAIAADgMARAAAAAAh
      yEAAgAAOAwBEAAAwGEIgAAAAA5DAAQAAHAYAiAAAIIDDEAABAA
      AchgAIAADgMARAAAAAAhyEAAgAAOAwBEAAAwGEIgAAAAA5DAAQ
      AAHAYAiAAAIIDDEAABAAAchgAIAADgMARAAAAAAhyEAAgAAOAwBE
      AAAwGEIgAAAAA5DAAQAAHAYAiAAAIIDDEAABAAAchgAIAADgMAR
      AAAAAAhyEAAgAAOAwBEAAAwGEIgAAAAA5DAAQAAHAYAiAAAIID
      DEAABAAAchgAIAADgMARAAAAAAhyEAAgAAOAwBEAAAwGEIgAAAA
      A5DAAQAAHAYAiAAAIIDDEAABAAAchgAIAADgMARAAAAAAhyEAAgA
      AOAwBEAAAwGEIgAAAAA5DAAQAAHAYAiAAAIIDDEAABAAAchgAIA
      ADgMARAAAAAAhwm2u4DqrKSkRJmZmapZs6Ysy7K7HAAAcBqMMcr
      NzVVSUpJcLmdeCyMAAnoPMzEwlJyfbXQYAADgLu3btUt26de0uwxYE
      wHNQs2ZNSccPoOjoaJurAQAAp8Pj8Sg5OdI7HnciAuA5KL3tGx0dTQ
      AEAKCacfLjW8688Q0AAOBgBEAAAACHIQACAAA4DAEQAADAYQiA
      AAAADkMABAAAcBgCIAAAgMMQAAEAABYGAAgAAOAwBEAAAACHIQAC
      AAA4DAEQAADAYQiAAAAADkMABAAAcBgCIAAAgMMQAAEAABYGAAg
      AAOAwBEAAAACHIQACAAA4DAEQAADAYQiAAAAADkMABAAAcBg
      CIAAAgMMQAAEAABYGAAgAAOAwBEAAAACHIQACAAA4TMAGwN
```

TUVFmW5fNr0qSJJOOnQoUMaOnSoLrnkEkVERKhevXoaNmyYcnJybK
4aAACg6gXbXUBVatq0qT7//HPv38HBx1c3MzNTmZmZ+tvf/qbLLrtMG
RkZ+uMf/6jMzE

"sittings": [

{

"score": 1,

"result": "You Passed",

"points_per_questions": 1,

"quiz_pass_marks": 20,

"number_correct": 1,

"totalquestion": 2,

"time_difference": "2:4:48",

"total_unattempt": 1,

"percentage": 50,

"incorrect": 1,

"start_time": "2018-12-30T08:25:19.351Z",

"stop_time": "2019-01-02T10:30:08.244Z",

"sitting_id": 1

}


```
    ]  
  }  
]  
}
```

Call this endpoint to invite the user with the selected quiz

- **ENDPOINT:** /inviteuser/
- **METHOD:POST**
 - **Payloads**
 - email
 - quizzes -> [3,4,5.6] //array of quiz id
- **SAMPLE OUTPUT**

```
{  
  
  "success": "User has been invited successfully."  
  
}
```

Call this endpoint to add ,get and remove the quizzes from the user

- **ENDPOINT:** /addquizuser/
- **METHOD:POST**
 - **Payloads**
 - user
 - quizzes -> [3,4,5.6] //array of quiz id
- **SAMPLE OUTPUT**

```
{  
  
  "success": "true"  
  
}
```

- **ENDPOINT:** /addquizuser/
- **METHOD:**GET
 - **Payloads**
 - user
- **SAMPLE OUTPUT**

```
[  
  
  {  
  
    "id": 5,  
  
    "title": "AWS CDA Exam set 1",  
  
    "description": "Real exam from briefme now volume 3(80-140)",  
  
    "category": 4,  
  
    "sub_category": 3,  
  
    "random_order": true,  
  
    "max_questions": 60,  
  
    "answers_at_end": true,  
  
    "exam_paper": false,  
  
    "single_attempt": true,  
  
    "pass_mark": 65,  
  
    "success_text": "Congrats",  
  
    "fail_text": "Sorry",  
  
    "draft": false,  
  
    "points": 20,  
  
  },  
  
]
```

```
    "has_questions": true,

    "duration_time": "01:30:00",

    "category_name": "AWS",

    "sub_category_name": "AWS Certified Developer Associate",

    "total_questions": 61
},
{

    "id": 6,

    "title": "AWS CDA Exam set 2",

    "description": "Briefme now vol3 (140-200)",

    "category": 4,

    "sub_category": 3,

    "random_order": true,

    "max_questions": 60,

    "answers_at_end": true,

    "exam_paper": false,

    "single_attempt": true,

    "pass_mark": 65,

    "success_text": "Congrats",

    "fail_text": "Sorry",

    "draft": false,

    "points": 20,

    "has_questions": true,

    "duration_time": "01:30:00",

    "category_name": "AWS",

    "sub_category_name": "AWS Certified Developer Associate",

    "total_questions": 62
```

```
}  
]
```

- **ENDPOINT:** /addquizuser/
- **METHOD:DELETE**
 - **Payloads**
 - user
 - quizzes -> [3,4,5.6] //array of quiz id
- **SAMPLE OUTPUT**

```
{  
  
  "success": "true"  
  
}
```

Call this endpoint to update users

- **ENDPOINT:** /api/accounts/users/
- **METHOD:PUT**
 - **Payloads**
 - is_active
- **SAMPLE OUTPUT**

```
{  
  
  "success": "true"  
  
}
```

Call this endpoint to csv import

- **ENDPOINT:** /csvupload/
- **METHOD:** POST
 - **Payloads**
 - quizzes
 - file
- **SAMPLE OUTPUT**

```
{  
  
  'success': 'Question and answer is updated"  
  
}
```

Call this endpoint to verify the khalti payment

ENDPOINT: /khaltiverify/

- **METHOD: POST**
 - **HEADERS**
 - Authorization: Token <token>
 - **PAYLOADS**
 - amount
 - token
 - quiz

- **SAMPLE OUTPUT**

```
{  
  
  "type": {
```

```
    "idx": "2jwzDS9wkxbkDFquJqfAEC",
    "name": "Wallet payment"
  },
  "fee_amount": 180,
  "merchant": {
    "idx": "hP4SFRPUPDPq6wQ9LpUeL7",
    "mobile": "satsphuyal@gmail.com",
    "name": "Sats"
  },
  "state": {
    "idx": "DhvMj9hdRufLqkP8ZY4d8g",
    "template": "is complete",
    "name": "Completed"
  },
  "created_on": "2019-09-19T11:48:36.978853+05:45",
  "amount": 6000,
  "idx": "g36n2bbJNPRmfzx6g3YTW6",
  "user": {
    "idx": "MCXMuTgCGYChPqn4UmJpdK",
    "mobile": "9860277581",
    "name": "Satkan Phuyal"
  },
  "refunded": false
}
```

Call this endpoint to get the individual user details

ENDPOINT: `/api/accounts/userlist/`

- **METHOD: GET**

- **Parameters**

- `user_id(required)` -> id of valid user

- **HEADERS**

- `Authorization: Token <token>`

- **Sample Output**

```
{
  "id": 30,
  "email": "aquilaserpens@gmail.com",
  "first_name": "bijay",
  "last_name": "pathak",
  "is_superuser": false,
  "is_active": true,
  "quizes": [
    {
      "id": 4,
      "title": "Model Question set 4 ( 30 Question)",
      "description": "Model collection from anjani dai",
      "category": 4,
      "sub_category": 3,
      "random_order": true,
      "max_questions": 30,
      "answers_at_end": false,
      "exam_paper": false,
      "single_attempt": false,
      "pass_mark": 65,
      "success_text": "Congrats",
      "fail_text": "Failed",
      "draft": false,
      "points": 20,
      "has_questions": true,
      "duration_time": null,
      "category_name": "AWS",
      "sub_category_name": "AWS Certified Developer Associate",
      "total_questions": 30,
      "one_time_quiz": false,
    }
  ]
}
```

```

        "paid": false,
        "quiz_price": null
    },
    {
        "id": 5,
        "title": "AWS CDA Exam set 1",
        "description": "Real exam from briefme now volume 3(80-140)",
        "category": 4,
        "sub_category": 3,
        "random_order": true,
        "max_questions": 60,
        "answers_at_end": true,
        "exam_paper": false,
        "single_attempt": true,
        "pass_mark": 65,
        "success_text": "Congrats",
        "fail_text": "Sorry",
        "draft": false,
        "points": 20,
        "has_questions": true,
        "duration_time": "01:30:00",
        "category_name": "AWS",
        "sub_category_name": "AWS Certified Developer Associate",
        "total_questions": 61,
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        "paid": false,
        "quiz_price": null
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"subcategory": []
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```

Call this endpoint to get all record of complete sitting for a particular user

- **ENDPOINT:** records/
- **METHOD:** GET
 - **Parameters**
 - quiz(required) -> id of valid quiz

- user(required) -> id of valid user
- HEADERS
 - Authorization: Token <token>

● Sample Output

```
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  "user_id": 93,
  "records": [
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jj0ou2mIHDhzQ3r17i5yWnZ2tzZs3S/L8vUmXvq+K0qJFC/397393/25XrVp12csAyIMCIBFGnn76adWuXV
vZ2dmaPHlyse3Cw8PVsGFDSSr2bsapU6d6pcbLtX//fvdBfi6Wn5+vF154QZJ07bXXqkWLfu5pfFr0UeXK1
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6aefip0/MjJSUvE3TFxOuz/+8Y+SpBUrVmJFihUlLu/EiRM1Tve24v6/8/LLL+v06dMKCGps7969PaZdyj4
ouA6yOGFhYZL+L0wC/o5f0lBGwsLC3Nd0ldbTUvAilHfeeUd/+9vfdPr0aUkXekAeffRRvffee6pYsaJX67
0UTqdTTz75pP7+97+7T1cfOHBAAWMcD8qZMqUKR7zVK5cWa+++qqkC6dBu3fvrm+++Ub5+fmSLoS+//znP
3r55ZcVHx+v5cuXe6X23r17q02bNpKkvn37at68ee7ru9LS0tS7d29t3LhRkjxulCgrBY94+fjjjzV58mT3
jR6ZmZl64YUX9PTTxf5uJCByF0xYoVJZ4aLWg3d+7cYm/eePjhh9WpUycZY3T//fdrypQpHnfAnjp1Smv
XrtWwYcPUoEGDy9vQMuR0OpWamqqRI0e6XxWYnZ2tF154wR3Whw0bptjYWI/5CvbBunXrtHPnziKX3atXLy
UkJ0jjjz/2CIonTpzQlClT3D3F3bt3L+vNAQ50vnrgIFDeFfUg6N86f/68adq0qcerpYp6QG92dra59tprP
V5JVvDw5ODgYDN//vxLehB0cQ+SXrt2bamvtirpQccXvwrtttuc9dVpUoVj20bN25cscufMWOgX2vAQkND
TVRulPsVZwXDnDlZPOa7+LVgv9fBgwdNfHy8e10hISEer7MLCagwr732WpHz/t4HQZ89e9b9sG0V8Wqz7t2
7ux9uXNS27t692/2Ks4LX0dWtW9fUrVvXHDhwwN2u4A0XBd9RrVq1TN26dc2tt97qsbysrCz3208KhsjISF
O5cmWP1wMGBQUVqgW43+LFSvq9G1Py77akV8Fd/HrDTp06ud9Ic7ETJ06430YiyVSrVs29rwreSHLxw80Lt
r3gdX8Fw4MPPuh+Ywvg7+gBBMpQYGCg+9RoSSiiIrR+/XqNHj1a9evXV1BQkIKDg929UgWnL60WEhKiNWvW
6IUXxlCTJk2Um5srp90pu+66S//6179KPNX9xBNPaNeuXxr22WfVsmVLhYaGKjMzUxEREbrpppv09NNPa9W
qVe7eUG+oVauWNm3apOnTp+uWW25RWFiyCnJyFBcXp4EDB2rz5s0aMWKEV9YdHBysTz/9VBMmTFdjxo0VHB
wsY4xat26tGTNm6MMPpyzxTudrrrlGa9euVc+ePVW9enUdP35c6enpSk9Pd1+3KF3o3Xv33Xd12223qWLFi
jp06JDS09ML3fwSGRmpjz76SctWrFC/fv1Up04d5ebmKicnR7Vq1VKXLl2UnJzsfhagVaZNm6YFCxbotttu
kzFGISEhatWqlV577TWtXLlSFSpUKDRPlSpV9OWXX6p///6qVauWsrKy3PuqoOf6jTfe0LRp03TPPfommu
ukTFGp0+fVmxsrHr27Kn3339fixYt4hQwbMNHjBefPwAAQcKmTpyoSzMmqX379vr888+tLgewBf7UAQAAsB
kCIAAAgM0QAEEAAgYGAAGAAgZ/w90SWkUwJ6y6wAAAABJRu5ErkJggg==",

```
"sittings": [  
  {  
    "score": 160,  
    "result": "Congrats you did it !",  
    "points_per_questions": 20,  
    "quiz_pass_marks": 70,  
    "number_correct": 8,  
    "totalquestion": 10,  
    "time_difference": "21:3:22",  
    "total_unattempt": 0,  
    "percentage": 80.0,  
    "incorrect": 2,  
    "start_time": "2019-02-26T12:06:16.755Z",  
    "stop_time": "2019-04-17T09:09:39.348Z",  
    "sitting_id": 109  
  },  
  {  
    "score": 160,  
    "result": "Congrats you did it !",  
    "points_per_questions": 20,  
    "quiz_pass_marks": 70,  
    "number_correct": 8,  
    "totalquestion": 10,  
    "time_difference": "0:46:9",  
    "total_unattempt": 0,  
  }  
]
```

```

        "percentage": 80.0,
        "incorrect": 2,
        "start_time": "2019-05-13T11:09:16.457Z",
        "stop_time": "2019-05-13T11:55:25.558Z",
        "sitting_id": 564
    }
],
    "attempt": [
        1,
        2
    ],
    "percent": [
        80.0,
        80.0
    ]
}
]
}

```

Call this endpoint to get all record of complete sitting for a particular user.

- **ENDPOINT:** all_questions/
- **METHOD:GET**
 - **Parameters**
 - sitting(required) -> id of valid sitting
 - **HEADERS**
 - Authorization: Token <token>
- **Sample Output**

```

{
    "duration_time": null,
    "points_per_question": 20,
    "time_difference": "0:0:30",
    "answer_at_end": false,
    "quiz": 21,
    "start_time": "2022-01-06T11:37:57.635Z",
    "totalquestions": 10,

```



```
"response": [  
  
  {  
  
    "user_answer": "[2016]",  
  
    "choices": [  
  
      {  
  
        "id": 2016,  
  
        "content": "Performance mode = Max I/O, provides higher levels of aggregate throughput and  
operations per second with a tradeoff of slightly higher latencies.",  
  
        "correct": true  
  
      },  
  
      {  
  
        "id": 2017,  
  
        "content": "Performance mode = General Purpose, provides low-latency access to EFS.",  
  
        "correct": false  
  
      },  
  
      {  
  
        "id": 2018,  
  
        "content": "Performance mode = General Purpose, AWS can handle performance with general purpose  
mode till 10s of EC2 instances.",  
  
        "correct": false  
  
      },  
  
      {  
  
        "id": 2019,  
  
        "content": "Performance mode = General Purpose, provides higher levels of aggregate throughput and  
operations per second.",  
  
        "correct": false  
  
      }  
  
    ]  
  
  }  
  
]
```

```

    }

  ],

  "URL": "https://docs.aws.amazon.com/efs/latest/ug/performance.html",

  "multiple_answer": false,

  "question_id": 416,

  "explanation": "Max I/O Performance Mode:\r\n\r\n\"File systems in the Max I/O mode can scale to higher levels of aggregate throughput and operations per second with a tradeoff of slightly higher latencies for file operations. Highly parallelized applications and workloads, such as big data analysis, media processing, and genomics analysis, can benefit from this mode\".",

  "question": "Your organization is planning to use AWS for BigData analysis. Total data is expected to be 400TB. They were planning to use 150 EC2 instances with EFS because of better performance needs for the analysis. They have reached out to you asking for recommendation on performance mode. What would you suggest?"

},

{

  "user_answer": "[2020,2021]",

  "choices": [

    {

      "id": 2020,

      "content": "Big data and analytics, media processing workflows, content management, web serving, and home directories.",

      "correct": true

    },

    {

      "id": 2021,

      "content": "Up to thousands of Amazon EC2 instances, from multiple AZs, can connect concurrently to a file system.",

      "correct": true

    }
  ]
}

```

```
    },  
  
    {  
  
        "id": 2022,  
  
        "content": "Boot volumes, transactional and NoSQL databases, data warehousing, and ETL.",  
  
        "correct": false  
    },  
  
    {  
  
        "id": 2023,  
  
        "content": "Data is stored redundantly in a single AZ.",  
  
        "correct": false  
    },  
  
    {  
  
        "id": 2024,  
  
        "content": "Cross region replication.",  
  
        "correct": false  
    }  
],  
  
"URL": "https://docs.aws.amazon.com/efs/latest/ug/performance.html#performance-usecases",  
  
"multiple_answer": true,  
  
"question_id": 417,  
  
"explanation": "",  
  
"question": "Which of the following are characteristics of EFS?"  
},  
  
{  
  
    "user_answer": "[1983]",
```

```
"choices": [  
  
  {  
  
    "id": 1983,  
  
    "content": "EFS mount target security group inbound rules does not allow traffic from new EC2  
instances.",  
  
    "correct": true  
  
  },  
  
  {  
  
    "id": 1984,  
  
    "content": "EFS created with mount targets in us-east-1b availability zone. Instances in us-east-1c  
cannot use EFS mount target in us-east-1b.",  
  
    "correct": false  
  
  },  
  
  {  
  
    "id": 1985,  
  
    "content": "By default EFS is only available in one availability zone. Create a case with AWS support to  
increase EFS availability zones.",  
  
    "correct": false  
  
  },  
  
  {  
  
    "id": 1986,  
  
    "content": "AWS EFS does not support cross availability zone mounting.",  
  
    "correct": false  
  
  }  
  
],  
  
"URL": "",
```

"multiple_answer": false,

"question_id": 408,

"explanation": "Amazon EFS provides scalable file storage for use with Amazon EC2. You can create an EFS file system and configure your instances to mount the file system. You can use an EFS file system as a common data source for workloads and applications running on multiple instances",

"question": "Your organization has an existing VPC in us-east-1 with two subnets in us-east-1b. They are running few EC2 instances each in both subnets and would need a low latency common File\n\nStore for all instances to share files for heavy work loads. They have created an EFS, mounted on all the EC2 instances and able to share files across all the EC2 instances. You were tasked to increase the number of instances due to the increase in work load. You created a new subnet in us-east-1c and launched few instances. When you tried to mount the previously created EFS on new EC2 instances, operation getting failed. What could be the reason?"

},

{

"user_answer": "[1987]",

"choices": [

{

"id": 1987,

"content": "EFS is available for all VPCs within a region by default. Mount EFS on new EC2 instances and configure EFS security group to allow inbound traffic.",

"correct": false

},

{

"id": 1988,

"content": "EFS can be used only within one VPC at a time. You need to launch EC2 instances in existing VPC.",

"correct": false

},

{

"id": 1989,

```
      "content": "Peer both VPCs, launch C5 or M5 EC2 instances on new VPC and mount existing EFS on new EC2 instances.",
```

```
      "correct": true
```

```
    },
```

```
    {
```

```
      "id": 1990,
```

```
      "content": "Attach new VPC to existing EFS, create new mount targets for new VPC and mount EFS on EC2 instances within new VPC",
```

```
      "correct": false
```

```
    }
```

```
  ],
```

```
  "URL":
```

```
"https://docs.aws.amazon.com/efs/latest/ug/manage-fs-access-change-vpc.html#manage-fs-access-vpc-peering",
```

```
  "multiple_answer": false,
```

```
  "question_id": 409,
```

```
  "explanation": "A VPC peering connection is a networking connection between two VPCs that enables you to route traffic between them using private Internet Protocol version 4 (IPv4) or Internet Protocol version 6 (IPv6) addresses. For more information on VPC peering, see What is VPC Peering? in the Amazon VPC Peering Guide.\n\nYou can mount Amazon EFS file systems over VPC connections by using VPC peering within a single AWS Region when using the Amazon EC2 instance types T3, C5, C5d, I3.metal, M5, M5d, R5, R5d, and z1d. However, other VPC private connectivity mechanisms such as inter-region VPC peering and VPC peering within an AWS Region using other instance types are not supported.",
```

```
  "question": "You have an AWS setup with an existing VPC in us-east-1. You have a fleet of 20 EC2 instances which are attached to EFS with mount targets on all existing VPC's availability zones. Your organization had requested you to replicate the same setup in another VPC within us-east-1 keeping same EFS volume. How will you achieve this?"
```

```
    },
```

```
    {
```

```
      "user_answer": "[1991]",
```

```
      "choices": [
```

```
{  
  "id": 1991,  
  "content": "Open port 111(NFS) on EC2 security group and ports 111(NFS) & 2049(NFS) on EFS security  
group.",  
  "correct": false  
},  
  
{  
  "id": 1992,  
  "content": "Open port 22(SSH) on EC2 security group and ports 111(NFS) & 2049(NFS) on EFS security  
group.",  
  "correct": false  
},  
  
{  
  "id": 1993,  
  "content": "Open port 22(SSH) on EC2 security group and port 2049(NFS) on EFS security group.",  
  "correct": true  
},  
  
{  
  "id": 1994,  
  "content": "Open port 2049(NFS) on EC2 security group and ports 111(NFS) & 2049(NFS) on EFS  
security group.",  
  "correct": false  
}  
],  
  
"URL":  
"https://docs.aws.amazon.com/efs/latest/ug/accessing-fs-create-security-groups.html#create-security-groups-cons  
ole",
```

```
"multiple_answer": false,

"question_id": 410,

"explanation": "",

"question": "Which of the following statements is correct in terms of the newly created security group to allows Secure Shell (SSH) to connect to instances and communication between EC2 instance and EFS?"

},

{

"user_answer": "[1995,1996]",

"choices": [

{

"id": 1995,

"content": "EFS cannot be mounted through VPC peering.",

"correct": false

},

{

"id": 1996,

"content": "VPC B's EC2 instance types are not M5 or C5.",

"correct": true

},

{

"id": 1997,

"content": "Security group on mount targets does not have NFS port open to VPC B's EC2 instances.",

"correct": true

},

{

"id": 1998,
```



```

    "content": "VPC B could be in different region than VPC A.",

    "correct": false

},

{

    "id": 1999,

    "content": "AWS EFS takes upto an hour after creation to make mount targets available.",

    "correct": false

}

],

"URL": "",

"multiple_answer": true,

"question_id": 411,

"explanation": "",

"question": "You have two VPCs (VPC A and VPC B) peered with each other. You have created an EFS for VPC A. When you tried to mount the EFS on EC2 instances on VPC B, you are getting connection timed out. What can cause this?",

},

{

    "user_answer": "[2003]",

    "choices": [

        {

            "id": 2000,

            "content": "You can enable encryption at rest during mounting of EFS on EC2. To encrypt an existing EFS mount, unmount the EFS and remount with encryption option.",

            "correct": false

        }

    ],

```

```

{
  "id": 2001,

  "content": "EFS does not support encryption. Use S3 for encrypting data at rest.",

  "correct": false
},

{
  "id": 2002,

  "content": "Edit EFS volume and enable “encryption at rest” setting. All existing data automatically gets encrypted as a background process. You will be notified once the process is completed.",

  "correct": false
},

{
  "id": 2003,

  "content": "Encryption at rest option can only be set during EFS creation. You need to create encryption-at-rest EFS, copy data from old EFS to new EFS and delete old EFS",

  "correct": true
}
],

"URL": "",

"multiple_answer": false,

"question_id": 412,

"explanation": "AWS EFS supports encrypting data at rest. It can only be done during EFS creation.\n\nEnforcing Encryption at Rest\nYour organization might require the encryption at rest of all data that meets a specific classification or that is associated with a particular application, workload, or environment. You can enforce policies for data encryption at rest for Amazon EFS file systems by using detective controls. These controls detect the creation of a file system and verify that encryption at rest is enabled.\n\nIf a file system that doesn't have encryption at rest is detected, you can respond in a number of ways. These range from deleting the file system and mount targets to notifying an administrator.\n\nIf you want to delete an unencrypted-at-rest file system but want to

```

retain the data, first create a new encrypted-at-rest file system. Next, copy the data over to the new encrypted-at-rest file system. After the data is copied over, you can delete the unencrypted-at-rest file system.",

"question": "You have created AWS EFS with default settings and mounted on an EC2 instance. Due to regulatory policies, your organization had asked you to encrypt data stored on EFS. What would you do to enable encryption?"

},

{

"user_answer": "[2004]",

"choices": [

{

"id": 2004,

"content": "Enable encryption during mounting on EC2 using Amazon EFS mount helper. Unmount unencrypted mount and remount using mount helper encryption during transit option.",

"correct": true

},

{

"id": 2005,

"content": "Encryption during transit can only be enabled during EFS creation. You need to create encryption during transit EFS, copy data from old EFS to new EFS and delete old EFS.",

"correct": false

},

{

"id": 2006,

"content": "Edit EFS to enable “encryption during transit” setting.",

"correct": false

},

{

"id": 2007,

```

      "content": "AWS EFS uses NFS protocol which encrypts the data in transit by default.",
      "correct": false
    }
  ],
  "URL": "https://docs.aws.amazon.com/efs/latest/ug/encryption.html#encryption-in-transit",
  "multiple_answer": false,
  "question_id": 413,
  "explanation": "AWS uses NFS protocol for EFS. NFS is not an encrypted protocol and anyone on the same physical network could sniff the traffic and reassemble the information being passed back and forth.\nHowever, AWS provides an option to encrypt data at transit through NFS to EFS.",
  "question": "You have created AWS EFS with default settings and mounted on an EC2 instance. Due to regulatory policies, your organization had asked you to encrypt data during transit to EFS. What would you do to enable encryption during transit?"
},
{
  "user_answer": "[2011]",
  "choices": [
    {
      "id": 2008,
      "content": "Performande mode = Max I/O, provides better performance when sharing EFS across more than 10 EC2 instances.",
      "correct": false
    },
    {
      "id": 2009,
      "content": "Performance mode = Max I/O, provides low-latency access to EFS.",
      "correct": false
    }
  ]
}

```

```

    },

    {

        "id": 2010,

        "content": "Performance mode = General Purpose, provides low-latency access to EFS",

        "correct": true

    },

    {

        "id": 2011,

        "content": "Performance mode = General Purpose, AWS can handle performance with general purpose
mode till 10s of EC2 instances.",

        "correct": false

    }

],

"URL": "https://docs.aws.amazon.com/efs/latest/ug/performance.html#performancemodes",

"multiple_answer": false,

"question_id": 414,

"explanation": "Although Max I/O is recommended to be used when tens, hundreds or thousands of EC2
instances sharing same EFS, it can slightly increase the latency. In this case, the question states the latency need
to be as low as possible.\nPerformance Modes\nTo support a wide variety of cloud storage workloads, Amazon EFS
offers two performance modes. You select a file system's performance mode when you create it.\n\nThe two
performance modes have no additional costs, so your Amazon EFS file system is billed and metered the same,
regardless of your performance mode. For information about file system limits, see Limits for Amazon EFS File
Systems.\n\nNote\n\nAn Amazon EFS file system's performance mode can't be changed after the file system has
been created.\n\nGeneral Purpose Performance Mode\nWe recommend the General Purpose performance mode
for the majority of your Amazon EFS file systems. General Purpose is ideal for latency-sensitive use cases, like web
serving environments, content management systems, home directories, and general file serving. If you don't
choose a performance mode when you create your file system, Amazon EFS selects the General Purpose mode for
you by default.\n\nMax I/O Performance Mode\nFile systems in the Max I/O mode can scale to higher levels of
aggregate throughput and operations per second with a tradeoff of slightly higher latencies for file operations.
Highly parallelized applications and workloads, such as big data analysis, media processing, and genomics
analysis, can benefit from this mode.",

```

"question": "You are building a content serving web application with 20 EC2 instances load balanced. For all the instances, content storage remains the same. You have chosen AWS EFS to act as common storage repository. Your application need to have as low latency as possible when serving content to the web users. Which of the following option would you choose and why?"

},

{

"user_answer": "[2012]",

"choices": [

{

"id": 2012,

"content": "Throughput mode = Provisioned, AWS provisions high throughput for smaller data sizes and vice versa.",

"correct": false

},

{

"id": 2013,

"content": "Throughput mode = Provisioned, you can configure specific throughput irrespective of EFS data size.",

"correct": true

},

{

"id": 2014,

"content": "Throughput mode = Bursting, provides a consistent high throughput for smaller data sizes.",

"correct": false

},

{

"id": 2015,

"content": "Throughput mode = Bursting, automatically bursts throughput based on the requests irrespective of EFS data size",

"correct": false

}

],

"URL": "https://docs.aws.amazon.com/efs/latest/ug/performance.html#throughput-modes",

"multiple_answer": false,

"question_id": 415,

"explanation": "",

"question": "You are building a content serving web application on 5 EC2 instances load balanced. Total content size stored may not exceed 25 GB. You have chosen EFS for content storage. The content is accessed frequently by large number of users. Which throughput mode would you choose inorder to make sure that application on EC2 instances to EFS data transfer will not have performance bottleneck?"

}

],

"total_unattempt": 0,

"sitting_id": 674,

"result": "Sorry you need to work a lot",

"incorrect": 5,

"pass_marks": 70,

"single_attempt": false,

"quiz_title": "AWS Certified Solutions Architect Associate (Amazon Elastic File System (10 Questions))",

"end_time": "2022-01-06T11:38:27.810Z",

"success": "true",

"number_correct": 5

}