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Version Control

Version No.	Date	Type of Changes	Owner/ Author	Date of Review/Expiry

Certification Topic & Weightage

Topic	Marks
Devops	6
Cloud	6
Data	24
Machine	24
Asset	12
Analytics	12
Security	24
UI	12
Total	120
Passing Score	86

- Exam Duration : 120 hours
- Type of question : Multiple choice questions
- Medium : Online exam , proctored by a person
- Study Material : Predix Boot Camp Document , predix.io/docs

Devops - Sample Questions

Subjects to be studied

Tests done in CI/CD process
Cloud Foundry commands
Role of configuration files

EASY

Sample questions

- Which of the following is part of CI & CD process ?
- if no parameters are provided in cf push command, where does the cf cli expect the manifest file to be
- Where do you define the services to be bonded with the application ?

Useful Gyaan

- Read the boot camp document on Pushing application to cloud, Build pack, Managing Micro services , Manifest files vs Command line .
- Play around with your cf space and do the lab exercise mentioned in Bootcamp document

Cloud - Sample Questions

Subjects to be studied

Predix cloud
CF Commands
Market place
CF Services

EASY

Sample questions

- Command to push app in cloud- cf push
- Command to update app – cf push
- Command to delete app – cf delete
- Command to list all services- cf services
- Command to find all services available in predix - cf marketplace

Useful Gyaan

- Practice cf commands, create a list of all commands and try it in your space
- Play around with your cf space and do the lab exercise mentioned in Bootcamp document
- Questions can confuse you like – what is the difference between cf app and cf apps . SO PRACTICE THE COMMANDS

Data - Sample Questions

Subjects to be studied

Timeseries Service
BLOB STORE
SQL Database (Few questions)
Message Queue (Few Questions)

MEDIUM

Sample questions

- Datatype of time series
- Timeseries payload size
- Timeseries Data Quality Values
- All operations on BLOB Store
- Blob Get Bucket Request Syntax
- ACS Scope of Timeseries and BLOB Operations

Useful Gyaan

- Read Bootcamp document
- Predix.io docs to be read thoroughly
- ACS scope to be by hearted
- Questions are very detailed and precise asking for syntax, config files and parameter values, so please read predix.io / docs thoroughly

Asset - Sample Questions

Subjects to be studied

Asset Service
GEL Query

MEDIUM

Sample questions

- Request Header variables mandatory for Asset Service
- Asset service Scope
- Request header variables mandatory for Asset Service
- ASSET OPERATIONS – GET /PUT/POST
- GEL Query symbol

Useful Gyaan

- Read Bootcamp document
- Predix.io docs to be read thoroughly
- ACS scope to be by hearted
- GEL Queries

Analytics - Sample Questions

Subjects to be studied

Analytic Service
Analytic Catalog
Analytic Runtime

MEDIUM

Sample questions

- Analytics Catalog / Runtime security scope
- How do you deploy an analytics
- Analytics taxonomy api name
- How to get analytics UI url
- Dependency of analytics UI for catalog and runtime service

Useful Gyaan

- Read Bootcamp document
- Predix.io docs to be read thoroughly
- Role of each of the Analytic service and its dependency should be understood
- Security scope

Security - Sample Questions

Subjects to be studied

UAA Service
ACS
Scope
Tenant Management

HIGH

Sample questions

- is it Mandatory to implement ACS for security
- Command to add acs policies to the UAAC client?
- What is difference b/w UAA instance URI and UAA trusted Issuer ID ?
- Which scope is required with OpenID authN ?
- Policy & Attribute Management

Useful Gyaan

- Youtube videos about Oauth 2.0 will help
- Understand the scope
- Concept, Syntax , url formats etc are key for this topic

Machine - Sample Questions

Subjects to be studied

Predix Machine SDK
Installation & Type of Machine
Edge Software & Services
Roles and users
Pushing data from machine to cloud

MEDIUM

Sample questions

- Which interfaces do we need to extend for <<certain>> functionalities
- What is the protocol used by ModBus
- What is the correct sequence of data flow from Modbus to cloud time series.
- Protocol used in Modbus ? TCP/IP, Serial
- What permissions does Technician role user has in predix machine
- Where is the security key stored in Predix Machine
- Where is the installation plugin stored in predix machine

Useful Gyaan

- Predix.io docs to be read thoroughly
- SCOPE / ROLES
- Type of machines

UI - Sample Questions

Subjects to be studied

- APP/UI Services
- Deck / Card
- View Services

MEDIUM

Sample questions

- What is Deck / Card
- How do you create a card
- Deck API Syntax
- what is the scope required to view decks
- what are the scopes of view services
- Api to create cards and associate with decs

Useful Gyaan

- Boot camp document
- Predix.io docs