# <Document Title>

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**Version Control**

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| **Version No.** | **Version Date** | **Changes** | **Owner/ Author** | **Date of Review/Expiry** |
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1. Command to upgrade app in cloud foundry .
2. **Cf push**
3. cf update
4. Is it Mandatory to implement ACS for security ?
5. yes
6. **No**
7. What is the type of container to be created in order to get technical console .

a) PROV b) DEBUG c) **TECH** d) AGENT\_DEBUG

1. What is the request format to post Decks to view service.
2. POST /api/decks/Id
3. **POST /api/decks**
4. If no parameters are provided to cf push command, where does the cf cli expect the manifest file to be present by default .
5. **Present folder** b)root folder and other options
6. What is the river used that ingest data from Predix machine to time series
7. HTTP Server b) **Websocket river** c)
8. What is the plan name which gives 50 million data points
9. **Platinuim** b) gold c) silver
10. What is Card in View
11. How do you use px-tables after importing into Platform .(after install webcomponentsjs , adding webcomponent-lite in head section, import the pX- component in head section , creating the instance of px-component in body section)
12. What is the command to run Predix seed in local.
13. Grunt dist b) grunt serve c) grunt server
14. Which one of the below is not compatible with Blob store service.

Options : Go, AWS, jclouds and **HTTP**

1. What is the GEL query to fetch records with pagination?
2. **<asset-app-url>/locomotive?pageSize=4**
3. <asset-app-url>/locomotive?Size=4
4. What are the scopes of view services?

a) **views.zones.<instanceId>.user** b) views.zones.<instanceId>

1. What is the client scope required to view decks
2. views.admin.user
3. views.power.user
4. What is the protocol used by Modbus
5. http b) tcp/ip
6. What is the correct sequence of data flow from Modbus to cloud time series.

Modbus adaptor 🡪 Hoover Spillway 🡪 Websocket river 🡪 timeseries db

1. Which of the below adaptor is not used by Predix machine

Some adaptors supported by predix machine are OPC-UA, Modbus, and MQTT.

1. what is the limit of traverse for a relate operator

options a) 7 b) 14 c) unlimited

1. what is the format of policy files written for ACS

ans) JSON

1. What is the default Boolean expression between conditions used in ACS when there are multiple conditions for a single policy.

Ans) AND

21) What permissions does Technician role user has in predix machine

Ref : <https://www.predix.io/docs/?r=578571#j78qLuJR>

1. Default auth type for predix seed application.
2. What is the Command to push app in cloud.
3. What is the Command to update app .
4. What is the Command to delete app .
5. What is the Command to list all services.
6. What is the Command to find all services available in predix.
7. How to use SASS button style in html.
8. What is the request url to get all decks.

[GET] /api/decks

1. What is the API to create cards and associate with decks.

[POST] /api/decks/1/cards/add

1. Default configuration file name. ans) manifest file
2. What is Syntax to bind service in manifest.yml
3. What are all supported BLOB operations on objects

GET,PUT,DELETE.. NOT POST

1. Max file size for multipart file upload.
2. Which service to use for storing file
3. Analytics <ServiceTask> tag
4. Analytics validation api name (POST <**catalog\_uri**>/api/v1/catalog/analytics/{**analyticId**}/validation)
5. How to deploy analytics .Ans) using Analytics Catalog service
6. Steps in analytics lifecycle
7. What is the Analytics taxonomy api name
8. How to get analytics UI url
9. Dependency of analytics UI for catalog and runtime service ?

catalog\_instance\_predix\_zone\_id

runtime\_instance\_predix\_zone\_id

1. What are ACS scopes

acs.policies.read

acs.policies.write

acs.attributes.read

acs.attributes.write

1. Which of below are ACS policy attributes
2. What is the data format in GEL query.
3. What is the request format supported in Timeseries.
4. What is the maximum Timeseries payload size.
5. WebSocket river uses which service to transfer data to predix cloud.
6. Policy management and attribute management service
7. What is the POST request format for policy creation
8. What is the folder name where Predix Machine is installed.
9. What is the command to create Machine Container through CLI (use generateContainer script file and provide options to –c(type of container) and –e(path of eclipse folder) )
10. What is UAA IssuerID URL format.
11. Which of the below is uaa\_instance\_GUID.
12. Why is ACS required
13. What are the available management services in ACS
14. What is Command to fetch admin token.
15. what protocol OPC-UA follows in Predix machine
16. What is Deck creation API Syntax.
17. How many cards can be available in single deck .
18. What is the Timeseries Datapoints Limits.
19. Correct syntax to use filter in GEL Query
20. Following is the Difference b/w UAA uri & issuerId.
21. GEL query Syntax to fetch data with pageSize(<url>/pageSize=4)
22. What is the correct sequence of data flow from Machine to Timeseries.
23. Machine to cloud Data Transfer Stream.
24. From where we get Analytic UI Url .
25. What are the Catalog  and runtime Analytics zoneId
26. What is Analytics Taxonomy url patterns.
27. Mandatory headers to fetch object from BLOB store

Authorization or Content-MD5 , Date, HOST

1. What is the signature standard supported by BLOB store.

Ans) S3 V2