https://ebtikarispa.dewa.gov.in

Access from external Users

Microsoft B2B collaboration

(UserType:Guest) - Email OTP Authentication

No

Yes

https://dewa.sharepoint.com/sites/qaebtikari

On-Premises Users (DEWA Users)

Https://afkari.dewa.gov.ae

Ping Federate (DEWA Employees)

https://oneid.dewa.gov.ae

Ping Token

MFA

https://dewa.sharepoint.com/sites/qaideation

LoggedIn Users (DEWA Users)

External Users

Site Pages

(HTTPS : 443)
GUEST – No login
Registered Users – Form based login

AI Enhanced PTU Service

LoggedIn DEWA Users / SharePoint Admin

Teams

Office 365

Employee Communication & Collaborations

Document Creation

SharePoint Online (Attachments)

Developers

Service Account
SVC ideation system

Power Automate

Site Pages

AI Enhanced PTU Service

Outlook

Teams

Power Automate Connectors

64-bit OCMT On-Premises Data Gateway

An on-premises data gateway (personal mode) can be used only with Power BI.

Power BI

Database port:1521

On Prem gateway clusters

IP Address and Port

Virtual Network - Moro Datacenter

On - Prem Data will be retrived using virtual tables like views and stored procedures

Subnet

DEWA Internal Network

Azure AD

Active Directory (LDAP)

Oracle Database

Oracle Data Store (TCP: 1521)

Smart Document API (HTTPS: 443)

Email relay (SMTP: 25)

HR API

https: 443

Web/Apps Server 1
- Host Internal API
- Connect with Oracle db
-Connect with other Internal API

Web/Apps Server 2
- Host Internal API
- Connect with Oracle db
-Connect with other Internal API

Web/Apps DMZ Server
- Host Single Page Application
- External User Landed as Anonymous
- External Signed User redirect to Ebtikari SharePoint online site (https://ebtikarispa.dewa.gov.in)

CPU based AI Engine/ML Model

F5 Load balancer

10.108.17.45

https: 9800

apigee

https: 443

https: 443

Smart Office Server

- Proxy API for all methods used in afkari/ebtikari will be hosted here

- Proxy API for methods used in smart office will be hosted here

https://dewa.sharepoint.com/sites/qaebtikari

https: 443

https: 443

Notes :
1. DR will be replica of the same setup
2. File uploads from user will be scanned and uploaded in SharePoint online

All communication using https: 443

https://api.dewa.gov.ae/afkari
(Integration Web API)
https : 443

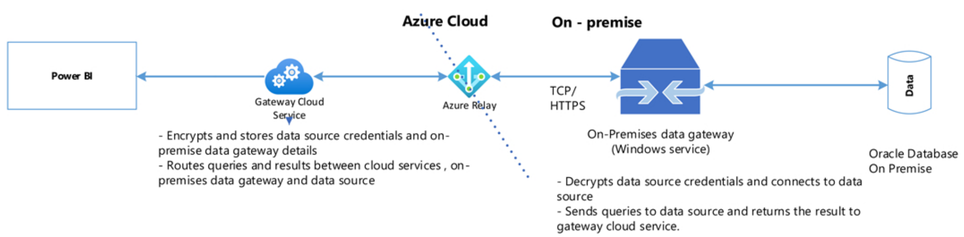
- Validates the token and Authorize User Request
- Routes queries and results between cloud services and internal API connected to data source

https://smartoffice.dewa.gov.ae/afkari
(Integration Web API)
https : 443

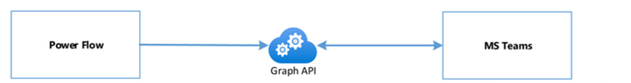
Smart Office Users

Power BI Connectivity

On - Premise Gateway will be used to connect the Power BI Desktop



MS Teams Connectivity



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Innovation Management System (AFKARI/EBTIKARI) - Quality Setup

https://ebtikarispa.dewa.gov.in

Access from external Users

Microsoft B2B collaboration

(UserType:Guest) - Email OTP Authentication

No

Yes

https://dewa.sharepoint.com/sites/qaebtikari

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Https://qaafkari.dewa.gov.ae

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https://smartloginuat.dewa.gov.ae

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MFA

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https: 443

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https: 443

All communication using https: 443

https://apiqa.dewa.gov.ae/afkari
(Integration Web API)
https : 443

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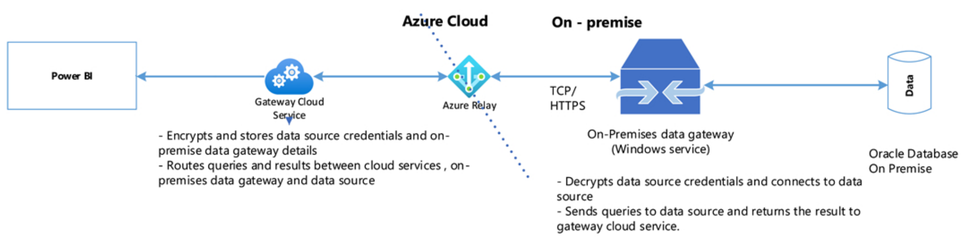
- Routes queries and results between cloud services and internal API connected to data source

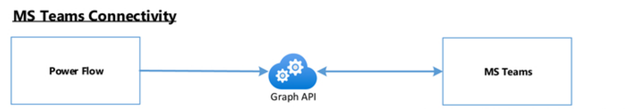
https://smartofficeqa.dewa.gov.ae/afkari
(Integration Web API)
https : 443

Smart Office Users

Power BI Connectivity — **On - Premise Gateway will be used to connect the Power BI Desktop**



MS Teams Connectivity



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