



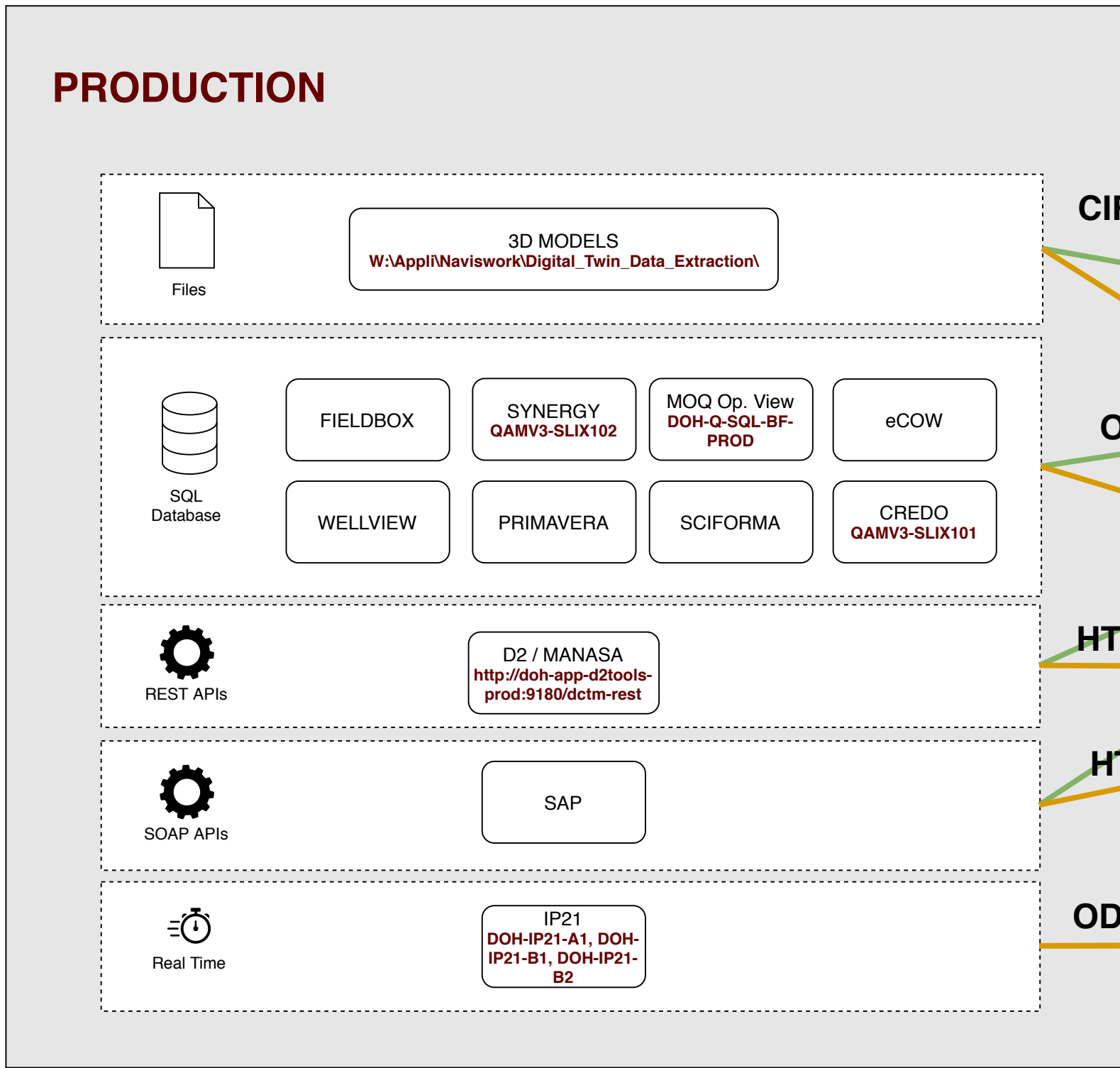
# Digital Twin

## MVP#1 Scale Up

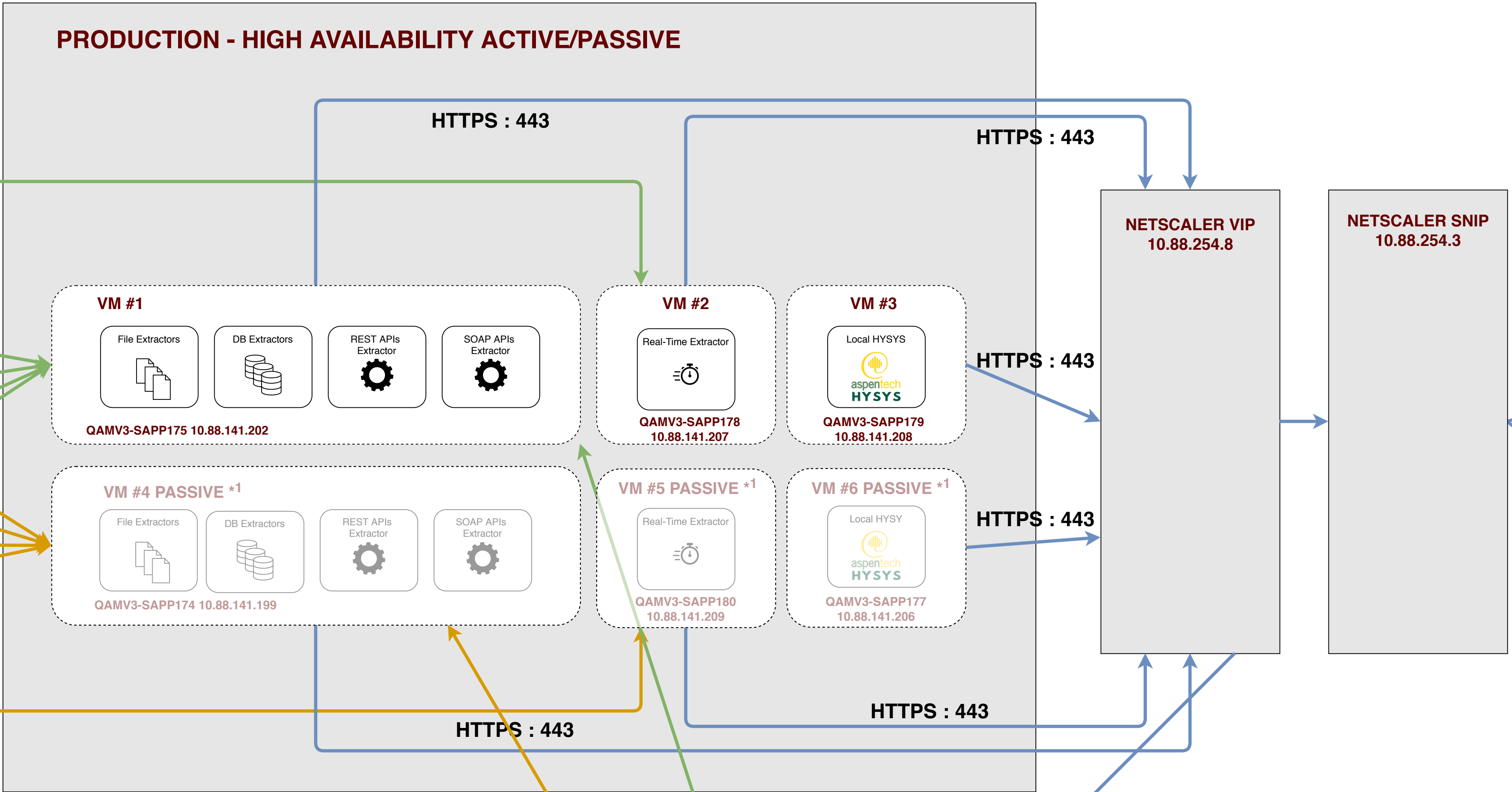
### PROD Environment Architecture Diagram

- LEGEND**
- Communication to CDF
  - Communication from PROD data sources to PROD VMs
  - Communication from PROD data sources to HA PROD VMs

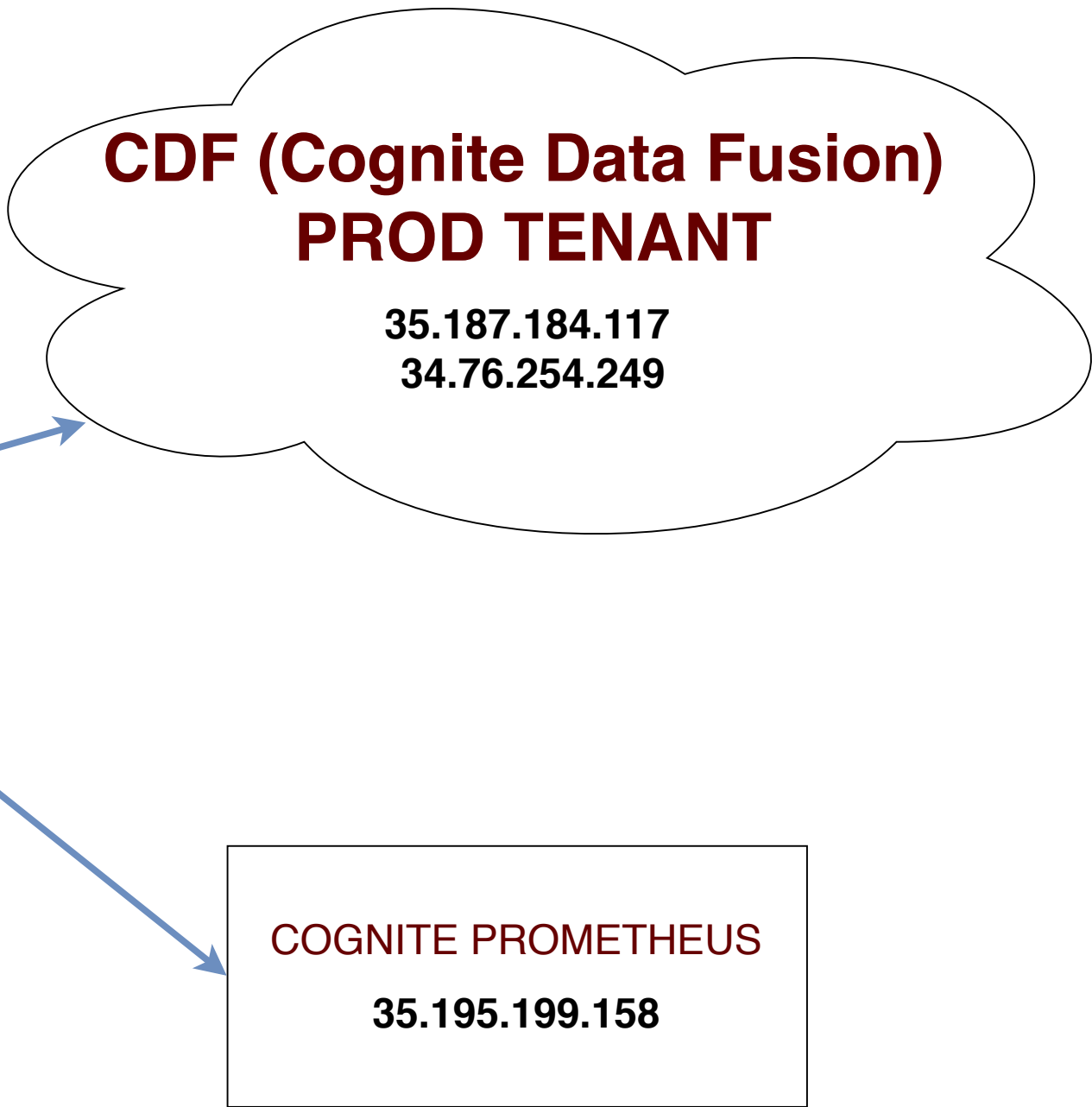
#### DATA SOURCES



#### NOC ON-PREM ENVIRONMENT



#### COGNITE DATA FUSION



#### NOTES

- \*1 Standby passive VMs located in Disaster Recovery site
- \*2 Real VMs hostnames and IPs will be provided when available



# Digital Twin

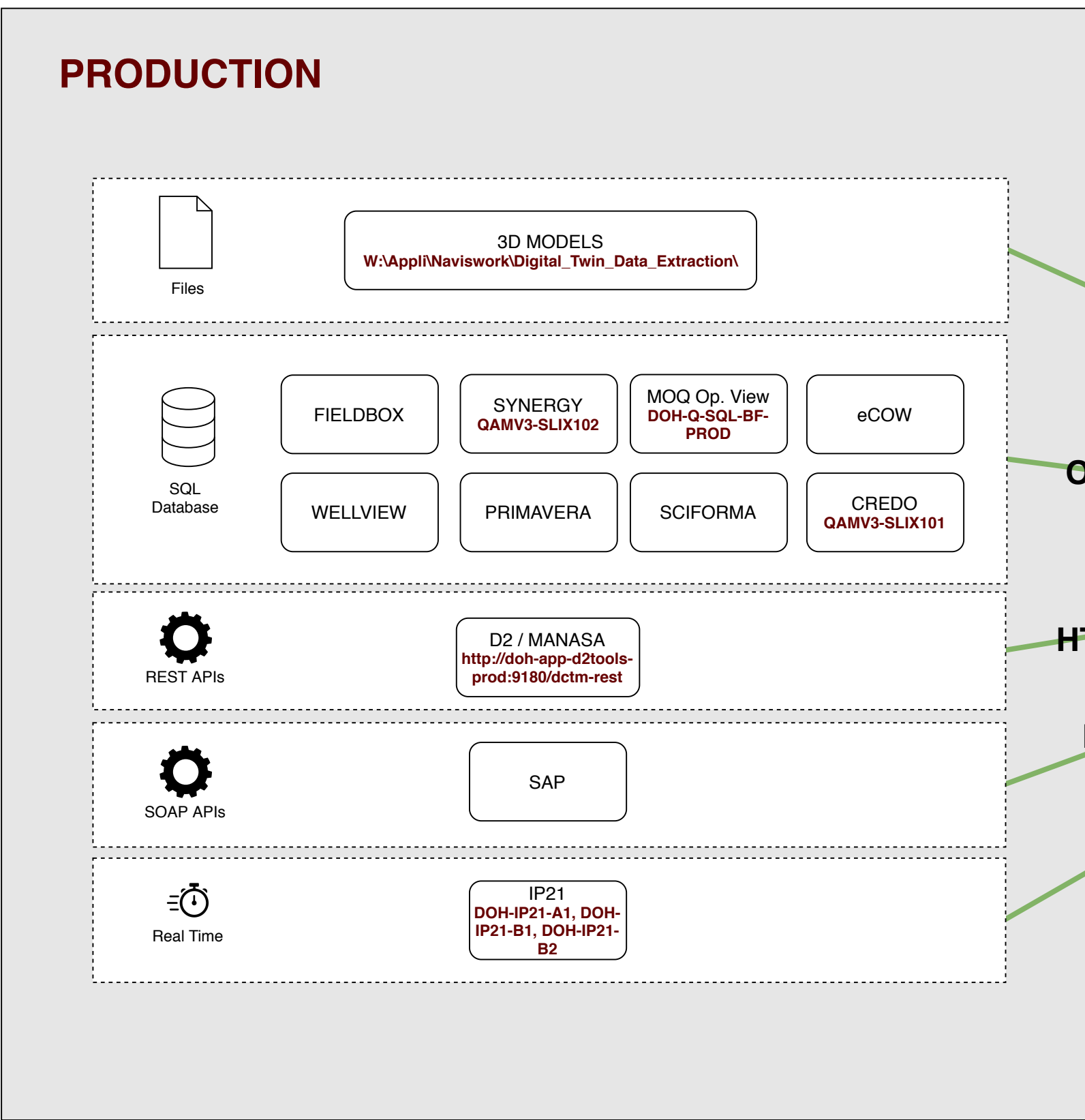
## MVP#1 Scale Up

### PRE-PROD Environment Architecture

#### Diagram

- LEGEND**
- Communication to CDF
  - Communication from PROD data sources to PRE-PROD VM

#### DATA SOURCES



CIFS/SMB : 445

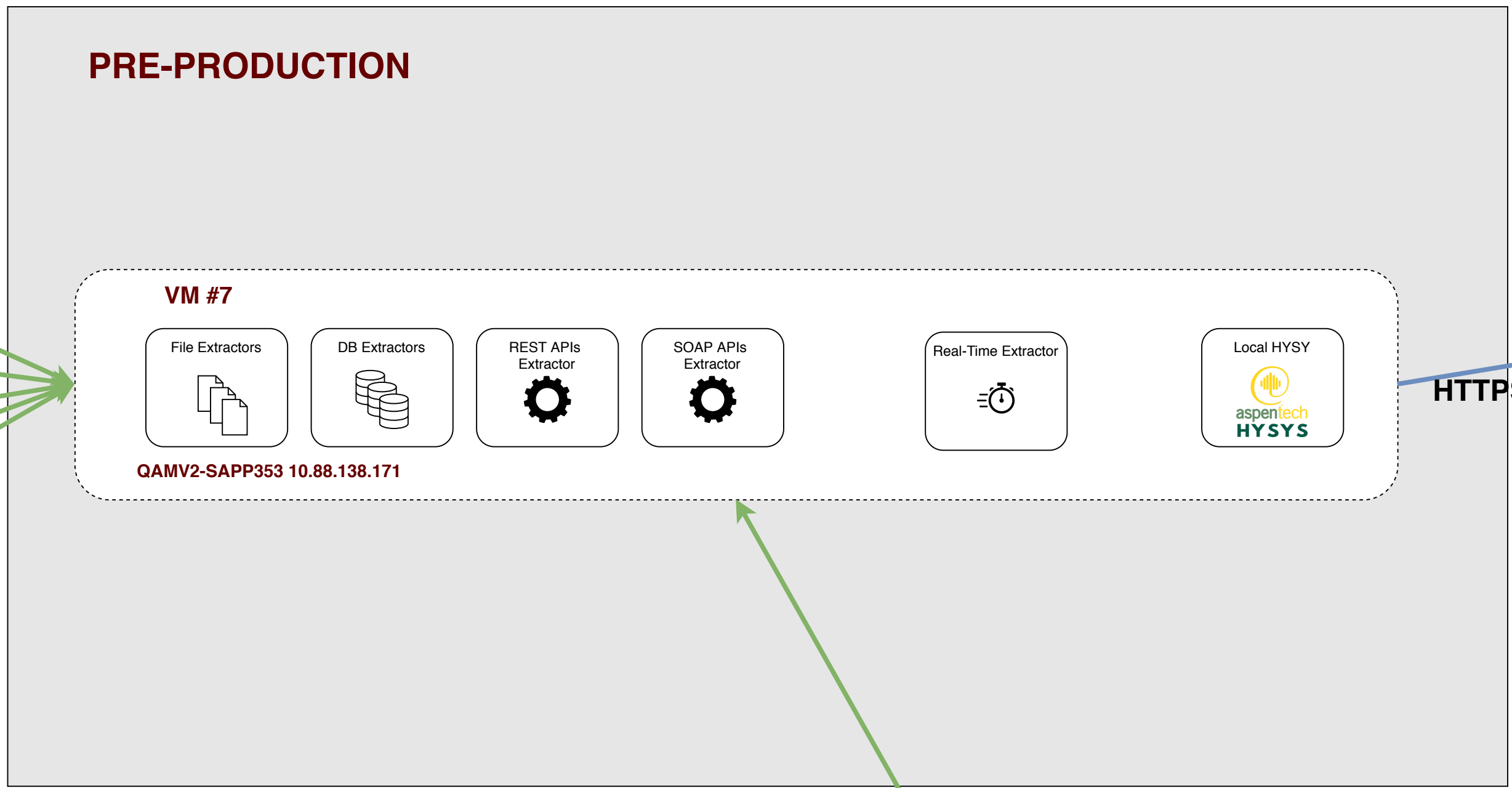
ODBC : 1433

HTTPS : 443

HTTPS : 443

ODBC : 1433

#### NOC ON-PREM ENVIRONMENT

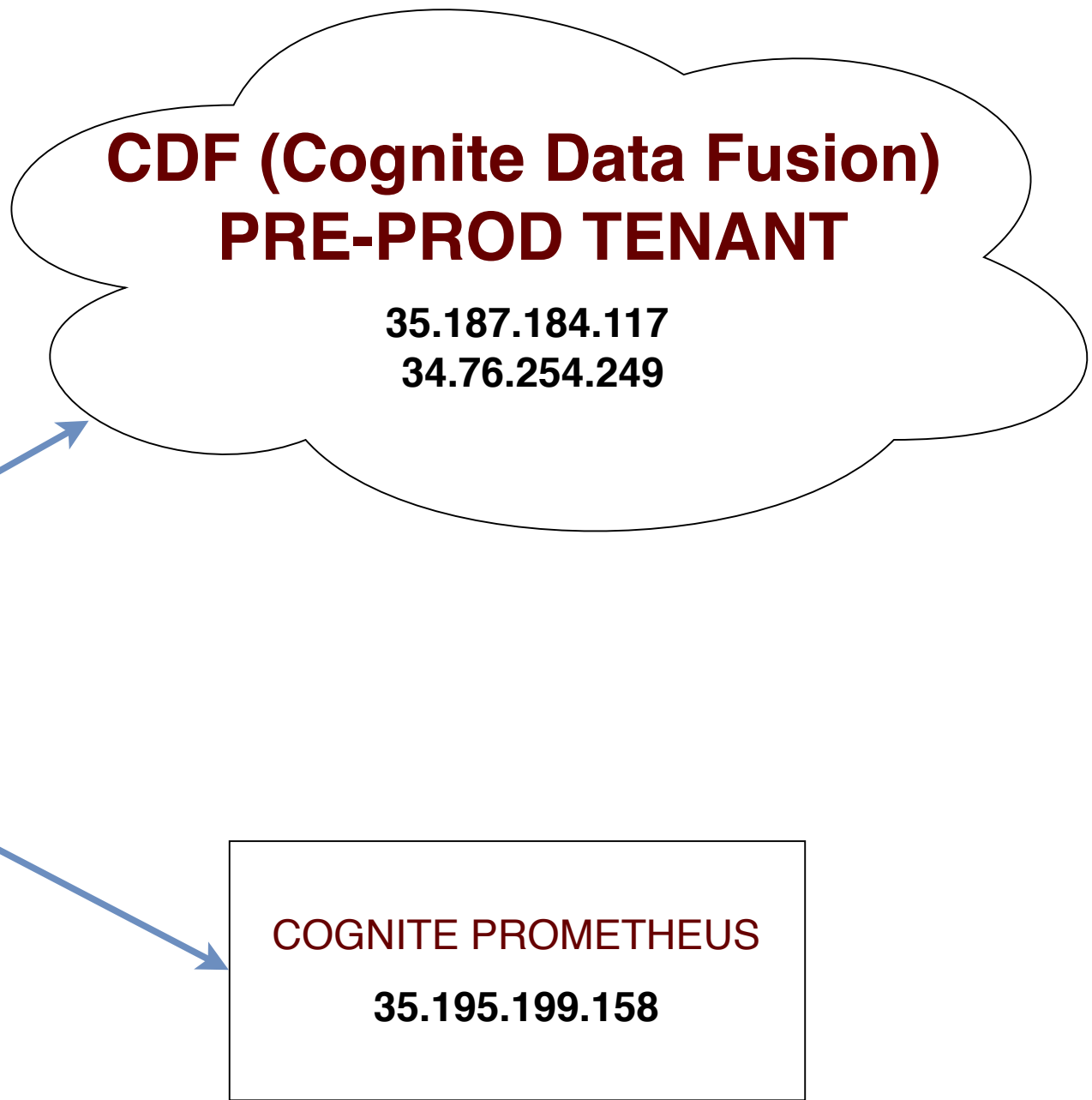


HTTPS : 443

ODBC : 1433

HTTPS : 443

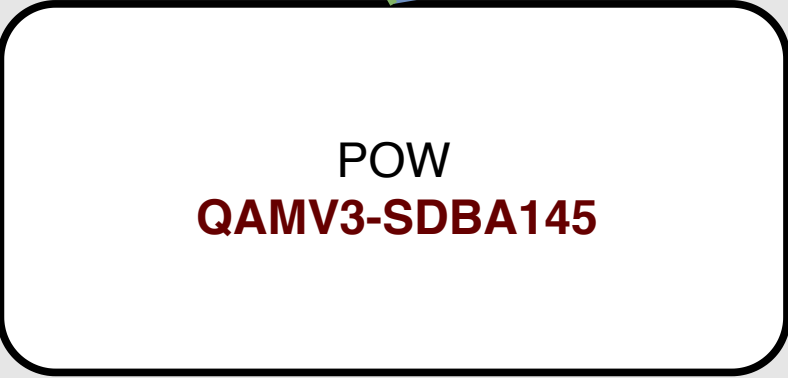
#### COGNITE DATA FUSION



#### NOTES

\*1 Real VMs hostnames and IPs will be provided when available

#### POW ON-PREM





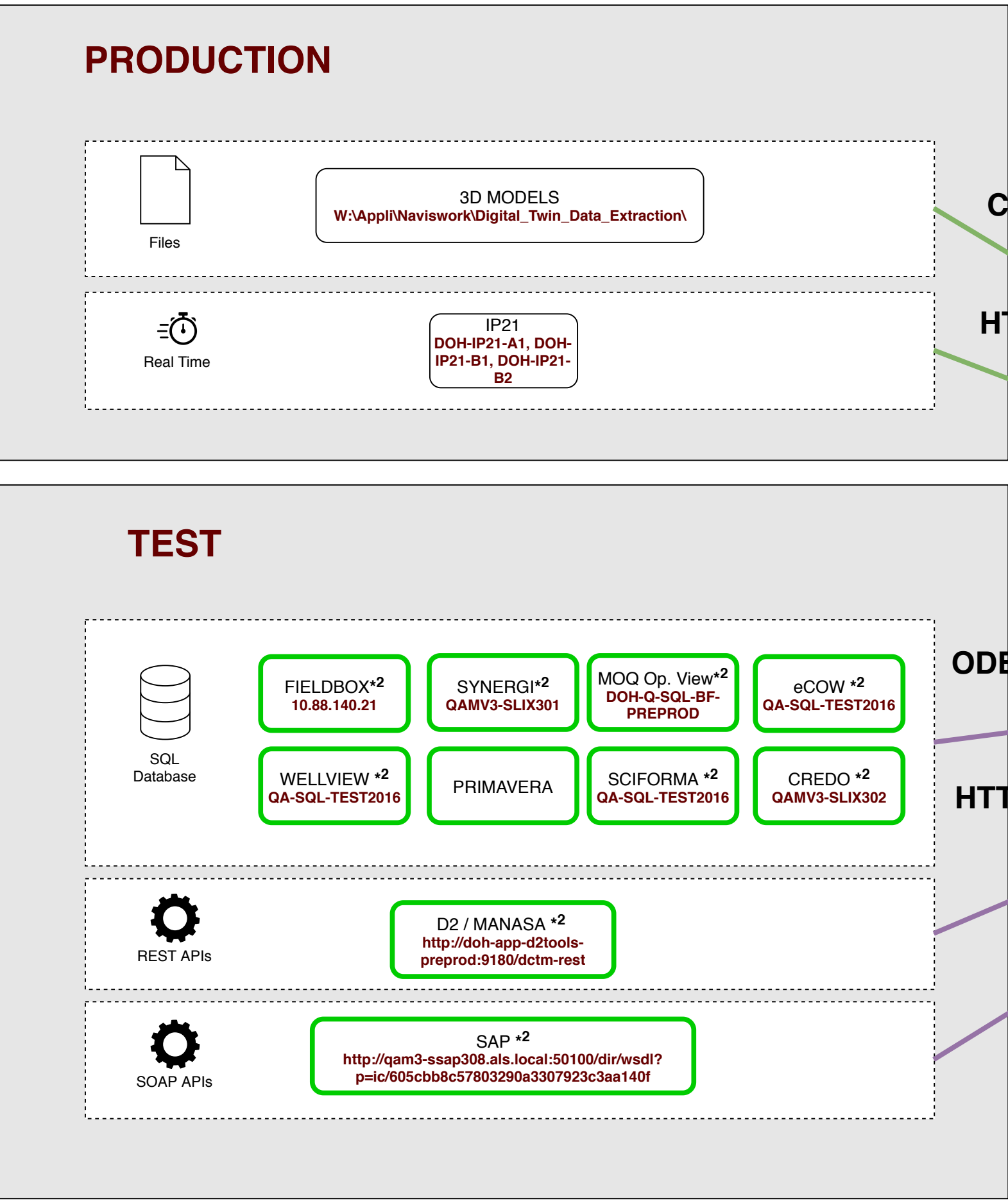
# Digital Twin

## MVP#1 Scale Up

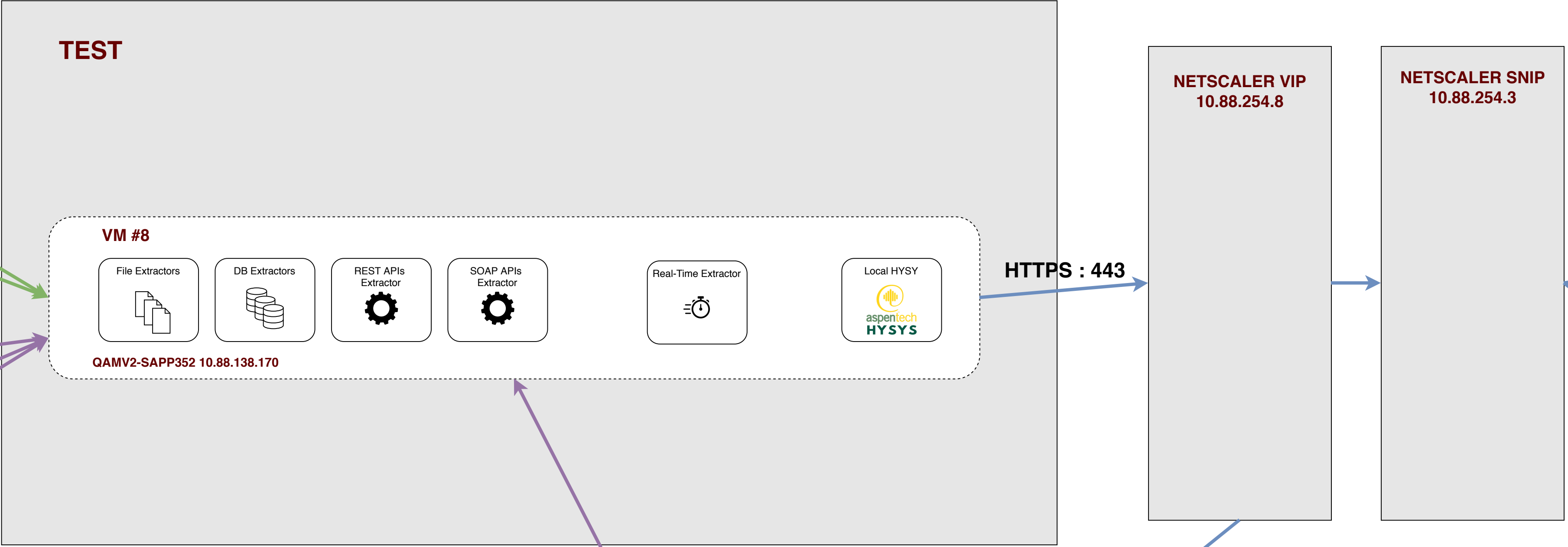
### TEST Environment Architecture Diagram

- LEGEND**
- Communication to CDF
  - Communication from PROD data sources to TEST VM
  - Communication from TEST data sources to TEST VM
  - Confirmed existing TEST data source

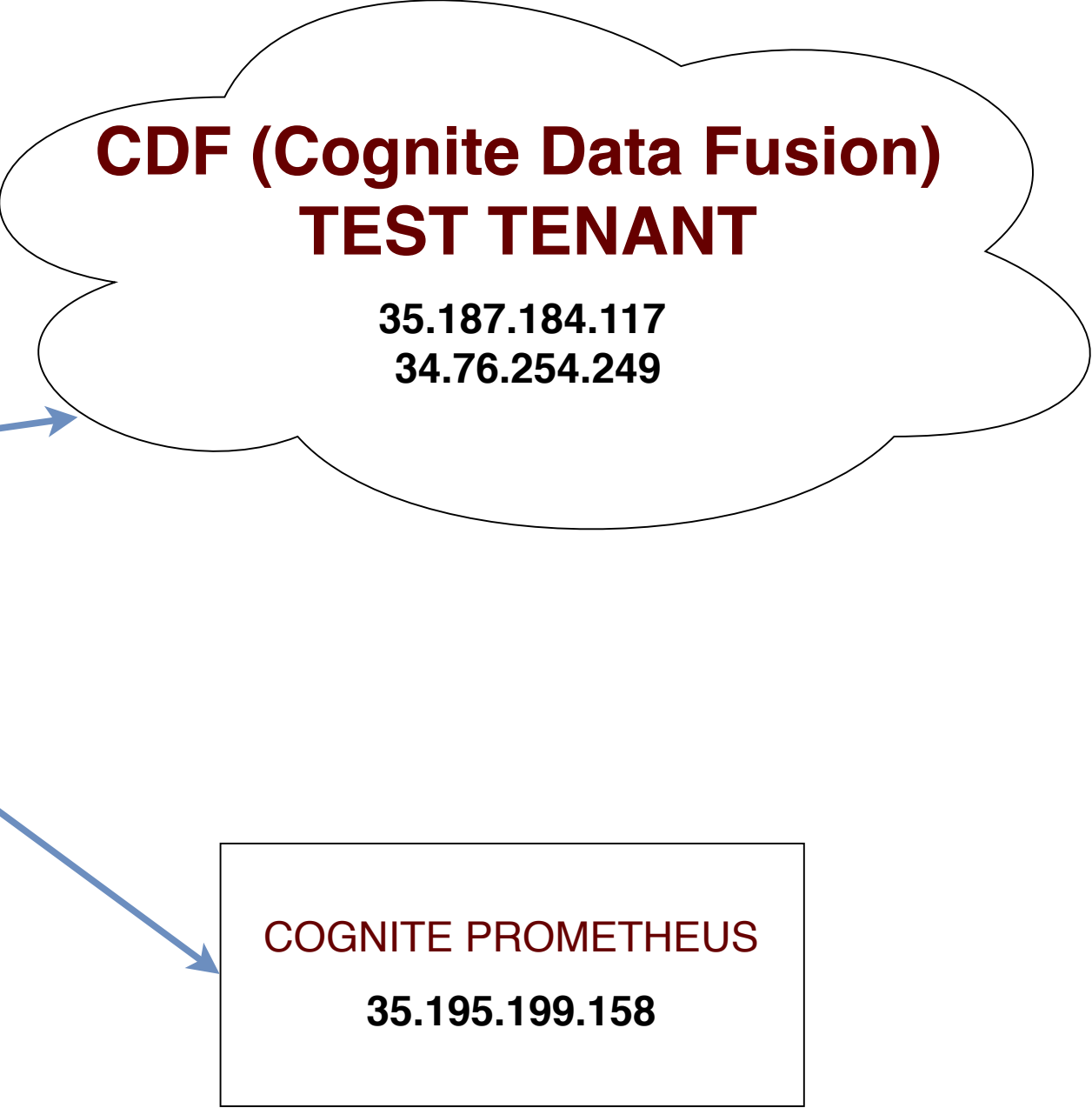
#### DATA SOURCES



#### NOC ON-PREM ENVIRONMENT



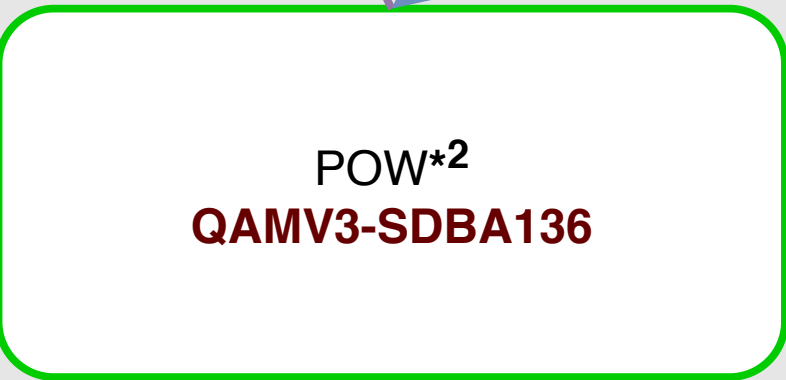
#### COGNITE DATA FUSION



**NOTES**

\*1 Real VMs hostnames and IPs will be provided when available  
\*2 The availability of TEST data sources is still under investigation.  
Green circled data-sources: confirmed TEST environment availability (update about other systems as soon as possible).  
In case a data source do not have a TEST environment, a connection with the PROD correspondent one should be established.

#### POW ON-PREM







# Digital Twin

## MVP#1 Scale Up

### TEMPORARY DEV Environment Architecture Diagram

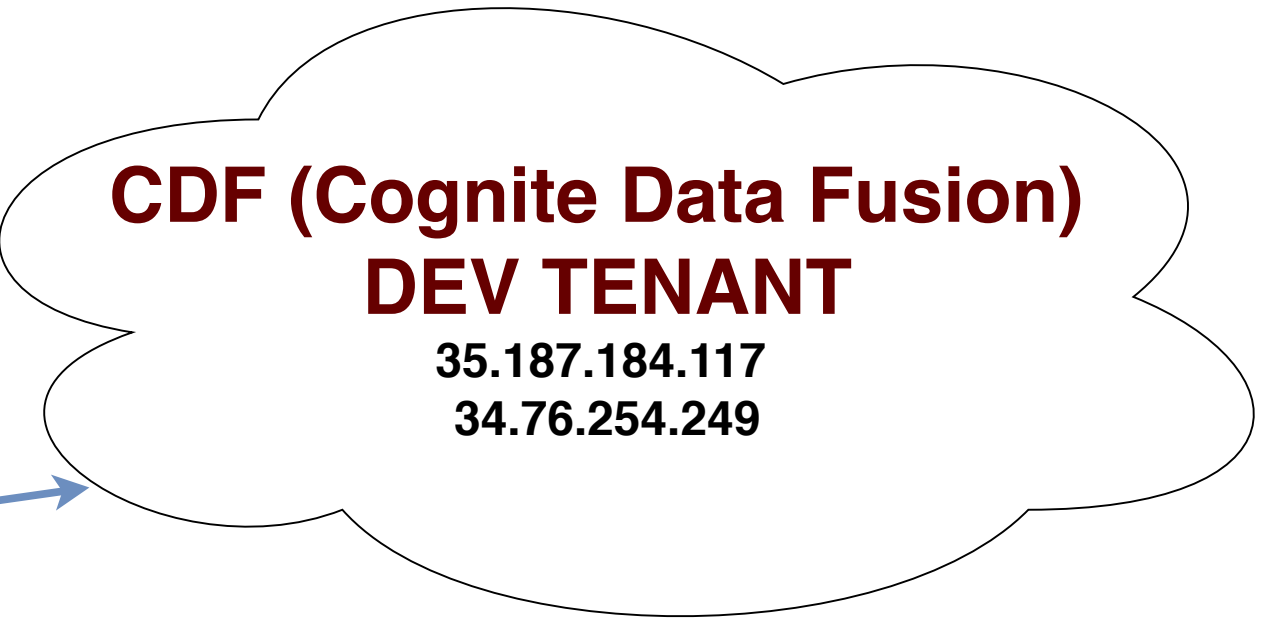
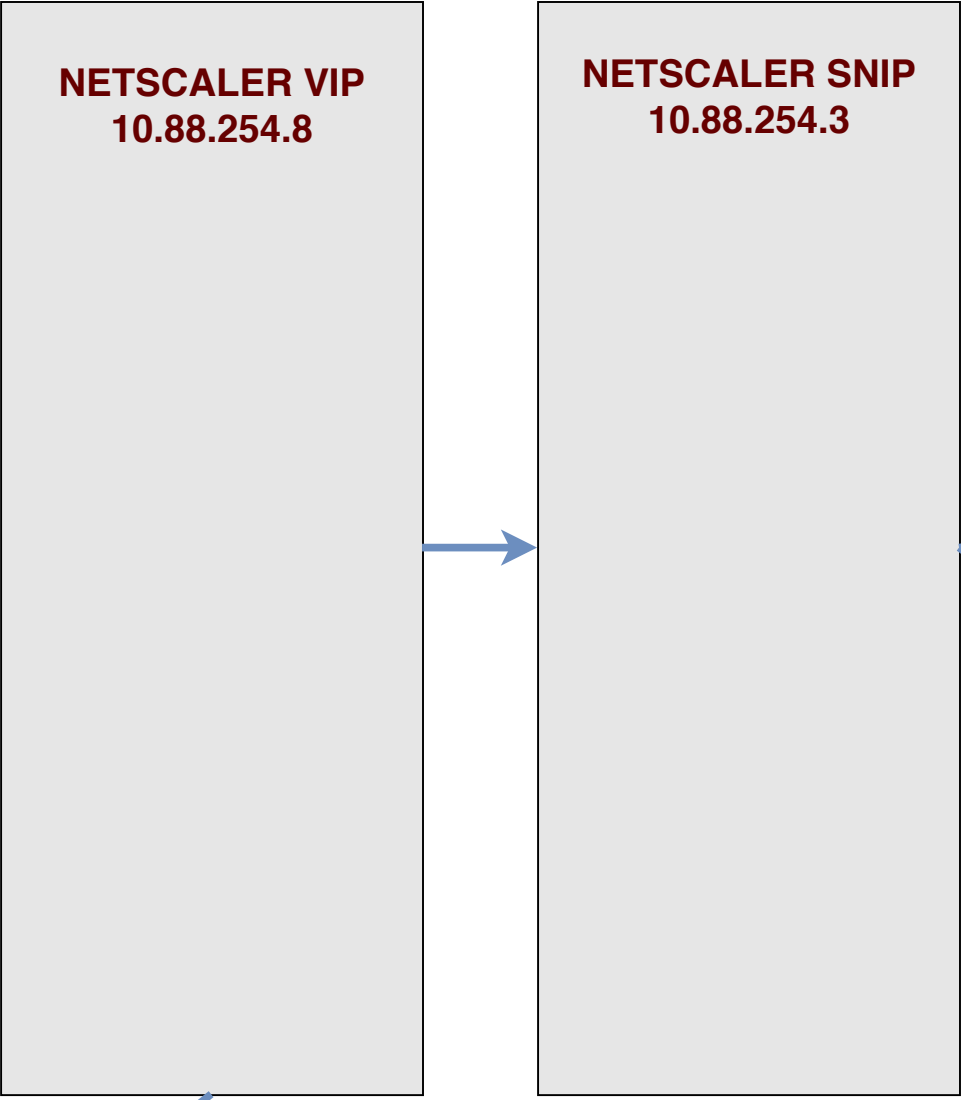
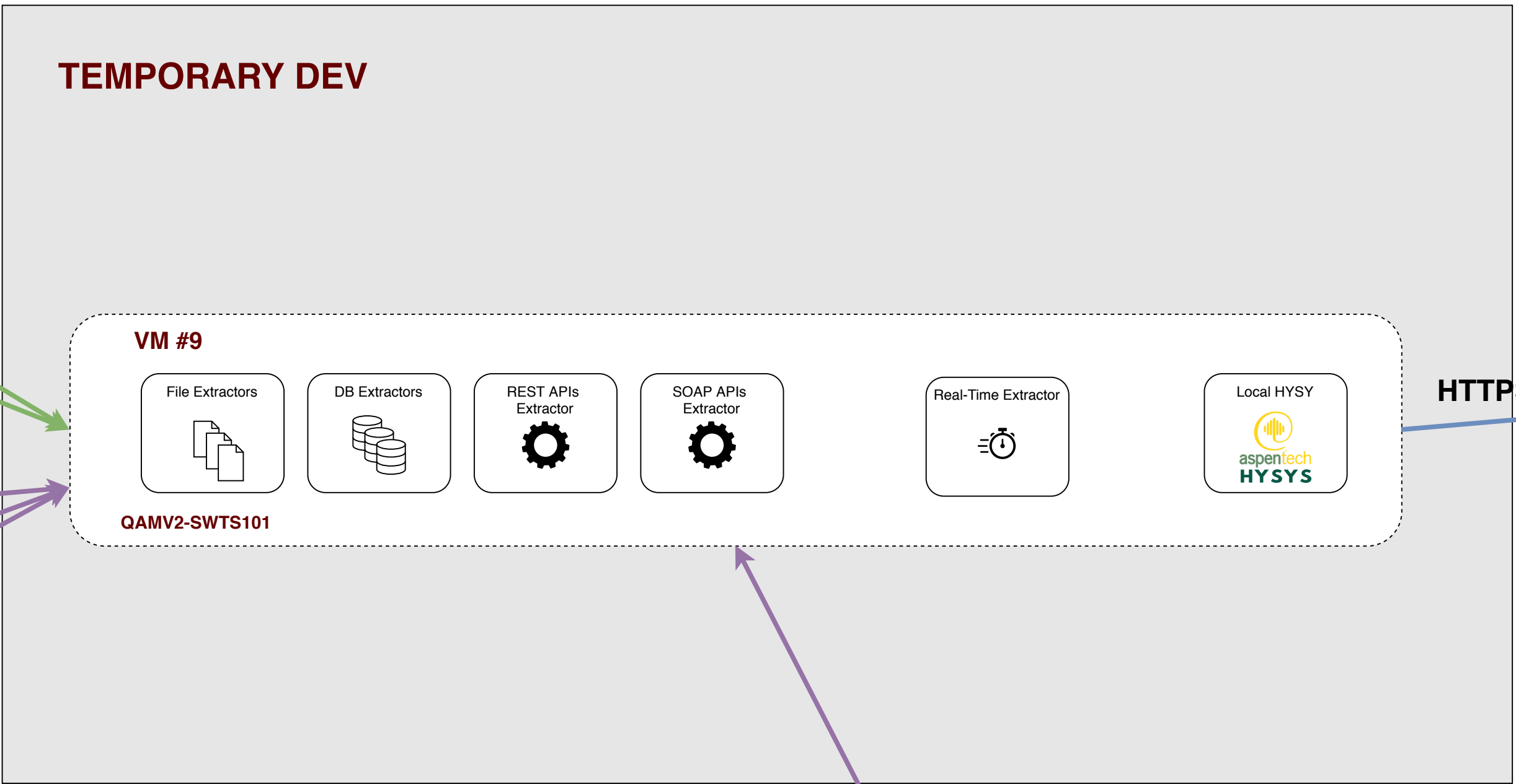
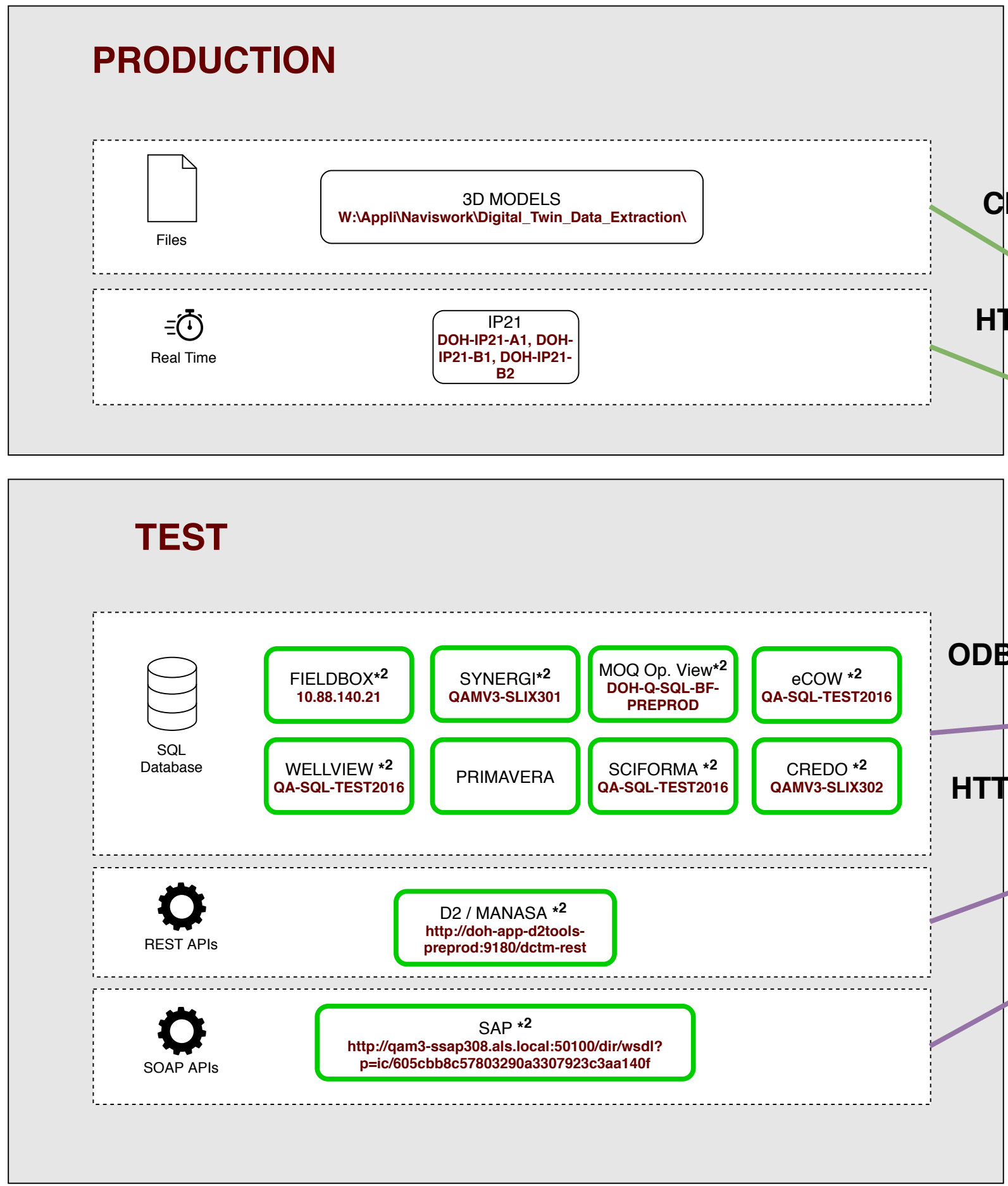
LEGEND

- Communication to CDF
- Communication from PROD data sources to DEV VM
- Communication from TEST data sources to DEV VM
- Confirmed existing TEST data source

DATA SOURCES

NOC ON-PREM ENVIRONMENT

COGNITE DATA FUSION



**NOTES**

\*1 Real VMs hostnames and IPs will be provided when available

\*2 The availability of TEST data sources is still under investigation. Green circled data-sources: confirmed TEST environment availability (update about other systems as soon as possible). In case a data source do not have aTEST environment, a connection with the PROD correspondent one should be established.

