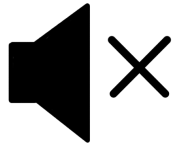


May 17th, 2022

EDC 10.5.x Advanced Scanner Overview and Best Practices

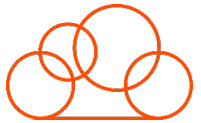
- Avanish Srivastava, Principal Technologist, Customer Success
- Rakesh Varma Kucharlapati, Principal Solutions Architect, Customer Success

Housekeeping Tips



- Today's Webinar is scheduled for **1 hour**
- The session will include a webcast and then your questions will be answered live at the end of the presentation
- All dial-in participants will be muted to enable the speakers to present without interruption
- Questions can be submitted to "All Panelists" via the **Q&A option** and we will respond at the end of the presentation
- The webinar is **being recorded** and will be available on our **INFASupport YouTube channel** and **[Success Portal](#)** - where you can download the **slide deck** for the presentation. The link to the recording will be emailed as well.
- Please take time to complete the **post-webinar survey** and provide your feedback and suggestions for upcoming topics.

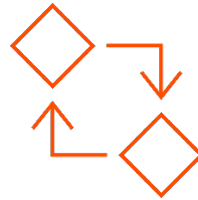
Feature Rich Success Portal



Bootstrap trial and
POC Customers



Enriched Customer
Onboarding
experience



Product Learning
Paths and Weekly
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More Information



Success Portal

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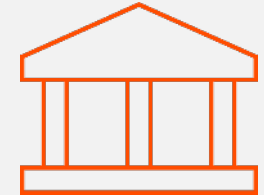
Communities & Support

<https://network.informatica.com>



Documentation

<https://docs.informatica.com>



University

<https://www.informatica.com/in/services-and-training/informatica-university.html>

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Agenda

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Introduction,
Overview &
Architecture

2

Key Concepts

3

Scanning Process
& DR Setup

4

Best Practices &
Reference
Material

5

Demo for
Snowflake &
PowerBI

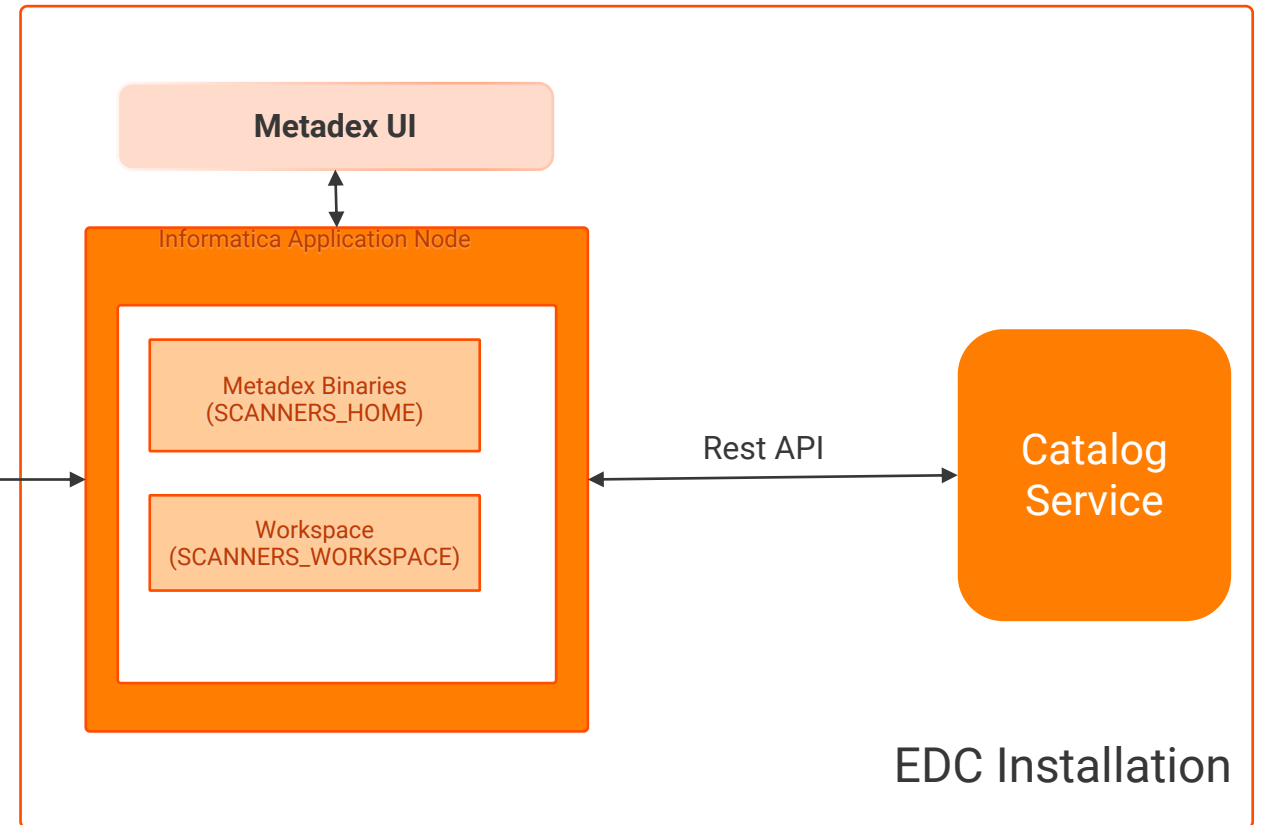
6

Q&A

Metadex Overview & Architecture

With MetaDex scanners, you can extend the default metadata import capabilities of a data catalog. You can analyze various types of metadata sources and gain business context by viewing detailed, end-to-end data lineage information about metadata in an enterprise.

Component	Purpose
Metadex Binaries	Contains the binaries to run the service. Installed along with EDC. <code>\$\$SCANNERS_HOME</code> variable should be created to point to this.
Workspace	This is where all the configurations for sources are set up. <code>\$\$SCANNERS_WORKSPACE</code> variable should be created for this.
Metadex UI	This is the user interface to set up scanners.
Repository DB	Backend repository for Metadex scanners. Connects through a JDBC.



Other Key Concepts

Projects

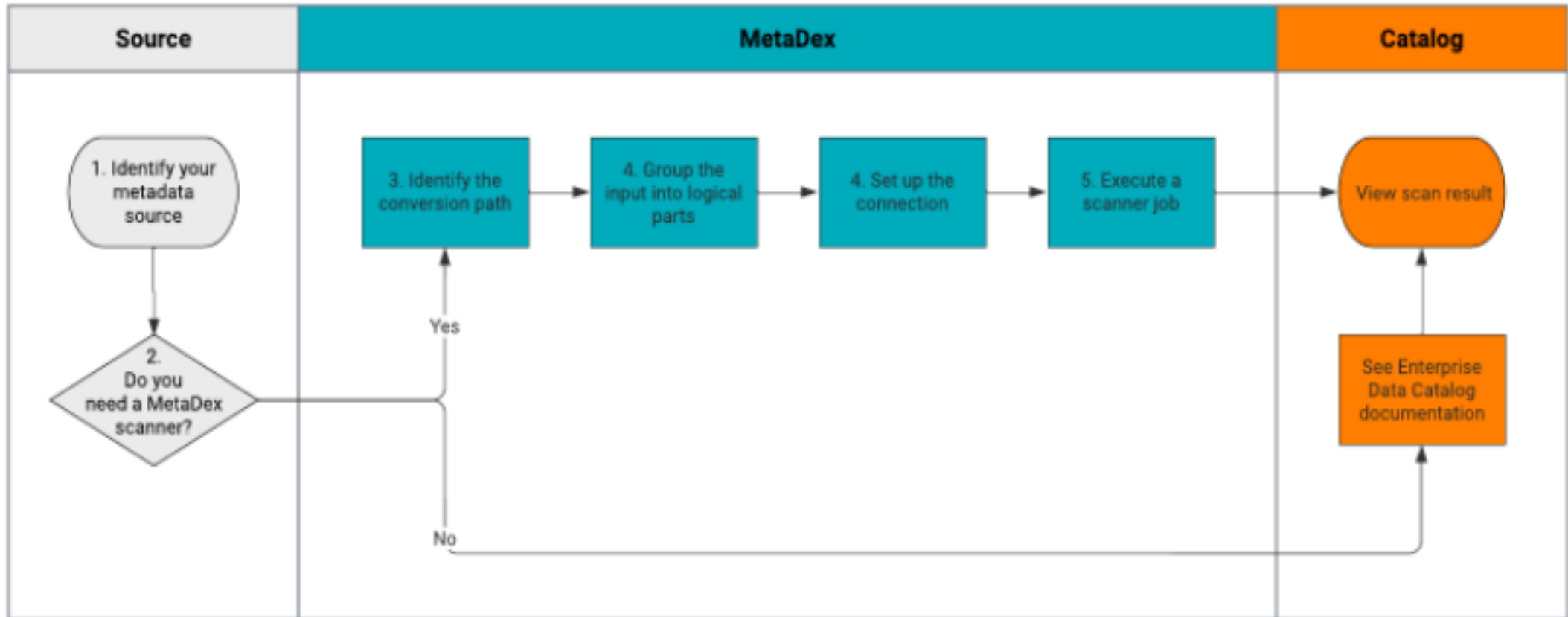
Configurations

Connection Registries

Conversion Paths

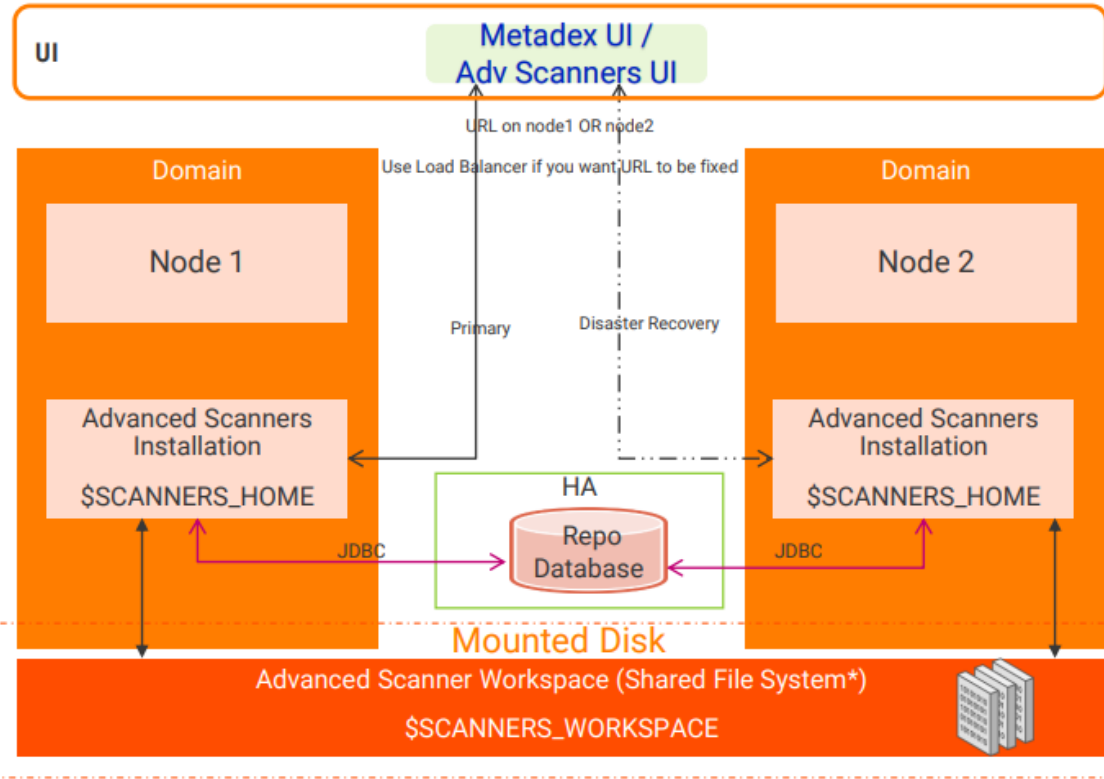
- A logical group of configurations and variables put together.
- You can control permissions at project level and keep relevant configurations within it.
- A configuration is a set of parameters that defines a metadata scanning job.
- You can create configurations in MetaDex UI to extract metadata from supported data sources.
- The connection registry stores information about database objects, such as a table definition or a synonym.
- This registry is where MetaDex looks for information about table definitions, synonyms, etc. in order to compute proper data lineage.
- Metadex has predefined conversion path based on the data source.
- e.g., Advanced Database Objects to EDC, Microsoft Power BI to EDC, Salesforce to EDC etc.

Scanning Strategy

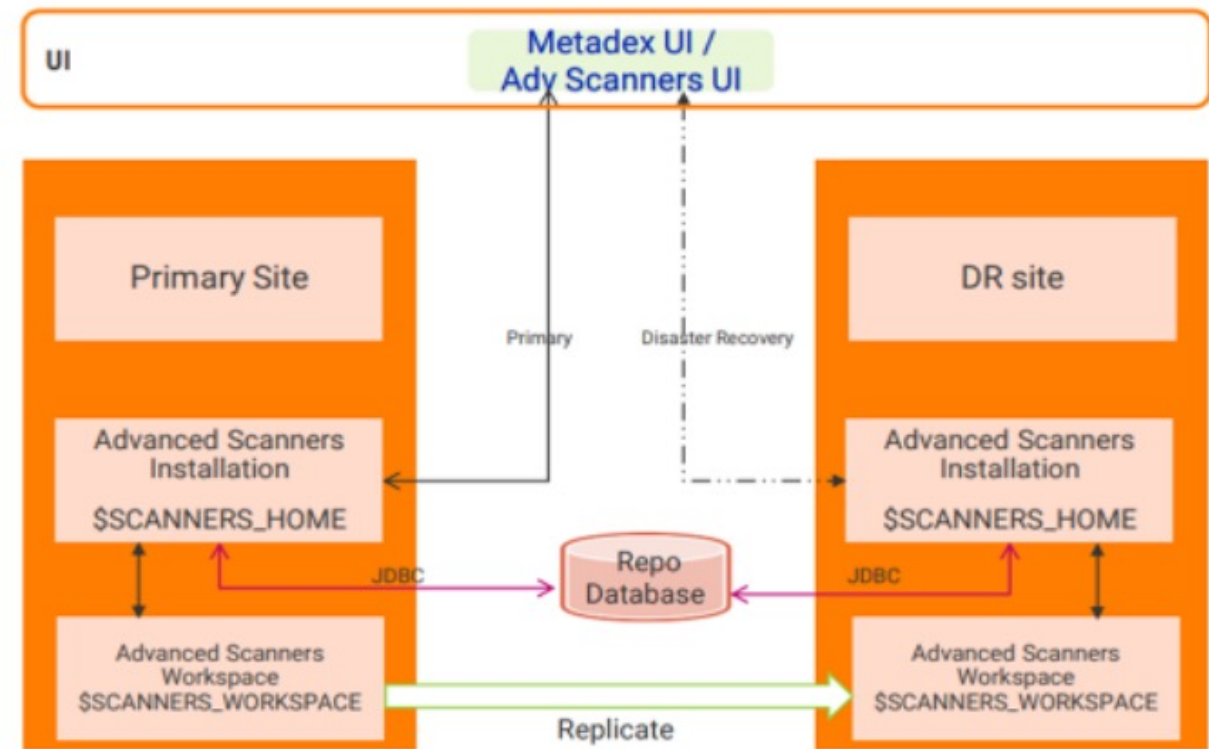


Deployment - DR Setup approach

Approach 1



Approach 2



* Please review the KB article in reference slide for more details.

Deployment Best Practices

- Ensure enough resources are available for MetaDex service process. Refer sizing guide in reference section for more details.
- Set up SCANNER_WORKSPACE folder outside of Informatica Installation Directory so that the future upgrades won't impact the workspace directory.
- Do not scan stored proc in EDC Standard scanner for database if you are planning to use advanced scanner to bring the procedures information.
- Review the logs in Metadex UI to ensure that the errors are taken care of.
- Use the password encryption option available to secure the credentials.
- Leverage the expert, basic and advanced mode in Metadex configuration UI to add advanced properties into the scanner config. Requires more knowledge of source system to use these option effectively.
- Choose the scanner memory based on the size of resource while configuring. Use expert mode in configuration.
- Set up HTTPS URL for Metadex UI through the server.properties file on Metadex server.
- Validate the data sources supportability through Product Availability Matrix document under 'EDC Data Sources' tab.

References

MetaDex Scanner Administrator Guide

<https://docs.informatica.com/data-catalog/enterprise-data-catalog/10-5-2/metadex-scanner-administrator-guide/preface.html>

MetaDex Scanner Configuration Guide

<https://docs.informatica.com/data-catalog/enterprise-data-catalog/10-5-2/metadex-scanner-configuration-guide/preface.html>

MetaDex Scanner Reference

<https://docs.informatica.com/data-catalog/enterprise-data-catalog/10-5-2/metadex-scanner-reference/preface.html>

Configure Metadex (Advanced Scanner) in a multi node setup DR

https://knowledge.informatica.com/s/article/Configure-Metadex-Advanced-Scanner-in-a-multi-node-for-HA?language=en_US&internal=1

FAQs on the name update and usage of MetaDex scanners

https://knowledge.informatica.com/s/article/FAQs-on-the-name-update-and-usage-of-MetaDex-scanners?language=en_US&internal=1

EDC 10.5 Sizing and Performance Tuning Recommendations

<https://docs.informatica.com/data-catalog/enterprise-data-catalog/h2l/1565-tuning-enterprise-data-catalog-performance-in-10-5/tuning-enterprise-data-catalog-performance-in-10-5/enterprise-data-catalog-sizing-recommendations.html>

How to Configure Advanced (MetaDex) Scanner in EDC - <https://www.youtube.com/watch?v=eHC6WyKFiBY>

How to Configure Microsoft Power BI Scanner in EDC - https://www.youtube.com/watch?v=ON2b1aQhX_w&t=61s

Installing Advanced Scanner post EDC installation in 10.5.x (with automation script) and validating the license - https://knowledge.informatica.com/s/article/Installing-Advanced-Scanner-post-EDC-installation-in-10-5-and-validating-the-license?language=en_US

DEMO & Q/A