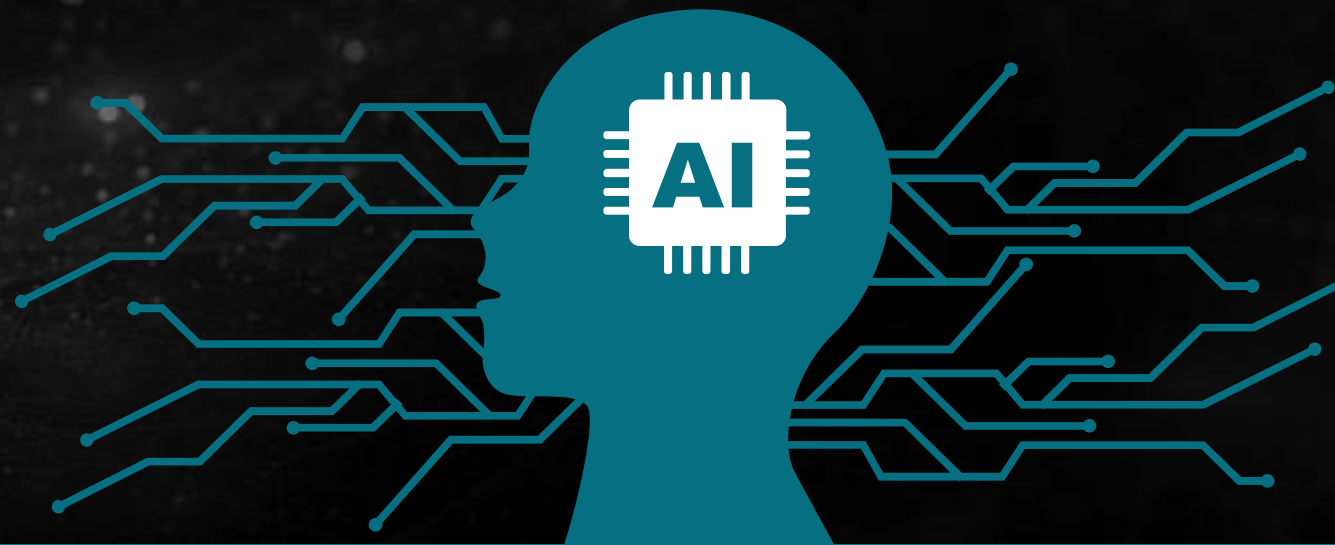


D E L P H I X



# AI Agent for Delphix Masking

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# Features

- Intelligently load balance masking job(s) across Masking Engine pool
- Sync Engine
  - Global Objects
  - Job
  - Environments
  - Entire Engine
  - Test Connectors
- Backup / Restore Delphix Engine Metadata to/from Filesystem
  - Entire Engine
    - Global Objects
    - Environments
    - Users
    - Roles

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# Algorithm

- Based on Memory Usage & expected demand
- Based on CPU usage

# Requirements

- Masking Engines
- Masking “aiagent” user with job execute privilege [ Any named user as per standards ]

Jobs	View	Add	Update	Delete	Run
Profile Job	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Masking Job	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tokenize Job	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Re-Identify Job	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Scheduler	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

- Delphix “aiagent” [ Any named user as per standards ] – for CPU

# Assumptions

- Jobs memory allocation is tuned
- Max job memory allocation is considered in calculations.
- Extra memory required for file masking sorting / other operations is configured based on experience.



# DEMO

# Roadmap

- Better Calculations for CPU and Memory
- More granular Backups / Restore of engine metadata
- Test Connectors after sync of environment / engine





# THANK YOU

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