

# DATA VIRTUALITY MASTERCLASS

Topic: Job Management Outlook

This webinar starts in 5 minutes - please stay tuned

# Welcome to our webinar!

- This webinar will be recorded
- During the webinar, you may ask questions using the Q&A button - you may ask questions anonymously

Day 1	14:00 - 15:00 Automate tasks using SYS and SYSADMIN schemas 15:15 - 16:00 The DV REST API and how to use it 16:15 - 17:00 Security
Day 2	15:00 - 16:00 Synchronization Methods 16:15 - 17:15 Working with Connectors
Day 3	15:00 - 16:00 Self-service Troubleshooting <b>16:15 - 17:15 Job Management Outlook</b>

## About this session

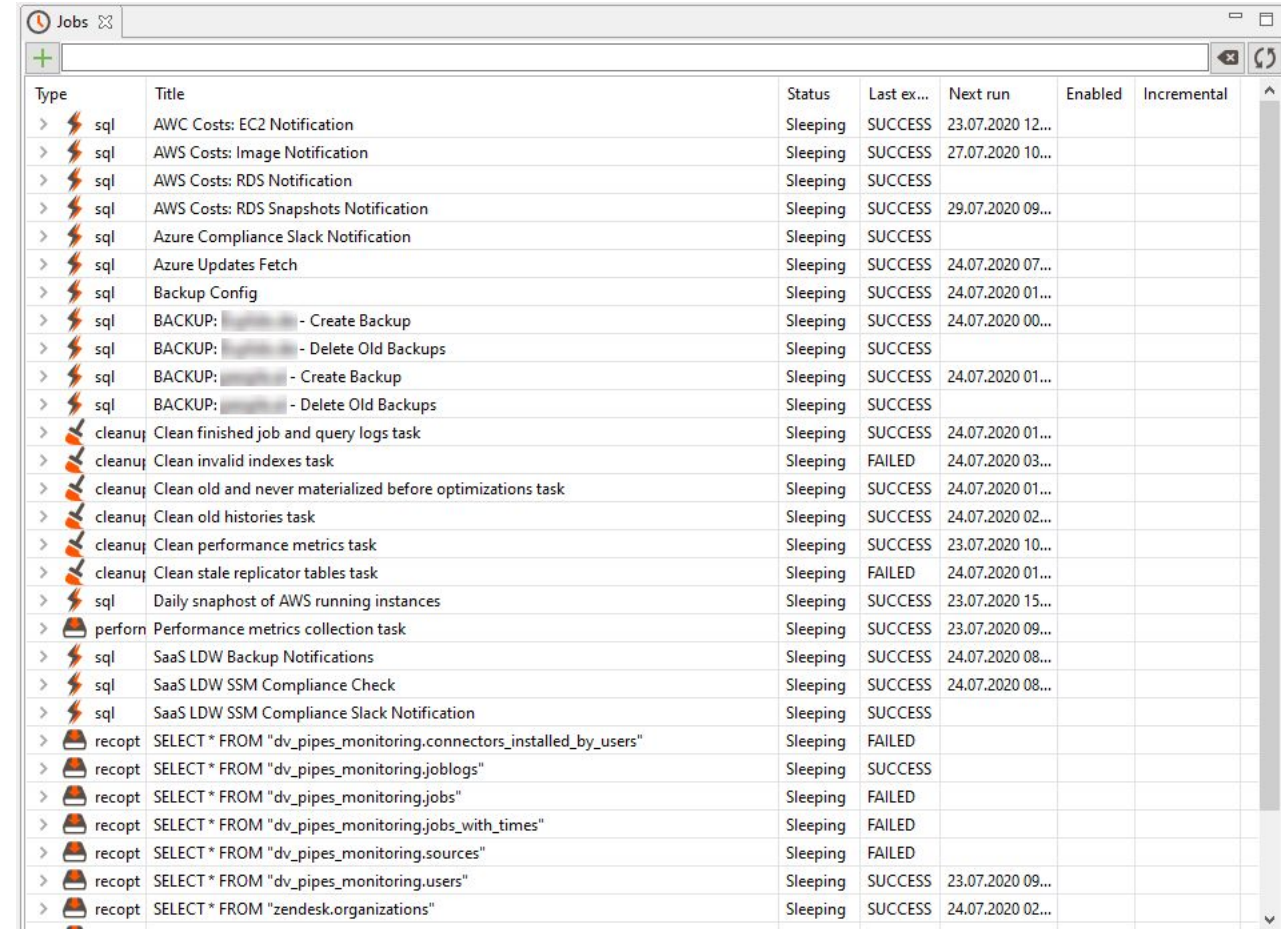
- Job Management is one of the features we received a lot of feedback on
- This session gives a preview of how job management *could* look like in the future
- The aim is to get early feedback on the concept

# What to expect from this session?

- Collected feedback on job management
- Presentation of the improved job/schedule concept
- Feedback

# Collected feedback on job management

- Jobs are **hard to organize** in one big list
- Long chains of dependent schedules are **difficult to manage**
- It is **complex to keep track** of the execution of dependent jobs and schedules
- There are no means to **prioritize jobs/control concurrency**
- Share your feedback in the Q&A!*



Type	Title	Status	Last ex...	Next run	Enabled	Incremental
sql	AWC Costs: EC2 Notification	Sleeping	SUCCESS	23.07.2020 12...		
sql	AWS Costs: Image Notification	Sleeping	SUCCESS	27.07.2020 10...		
sql	AWS Costs: RDS Notification	Sleeping	SUCCESS			
sql	AWS Costs: RDS Snapshots Notification	Sleeping	SUCCESS	29.07.2020 09...		
sql	Azure Compliance Slack Notification	Sleeping	SUCCESS			
sql	Azure Updates Fetch	Sleeping	SUCCESS	24.07.2020 07...		
sql	Backup Config	Sleeping	SUCCESS	24.07.2020 01...		
sql	BACKUP: [redacted] - Create Backup	Sleeping	SUCCESS	24.07.2020 00...		
sql	BACKUP: [redacted] - Delete Old Backups	Sleeping	SUCCESS			
sql	BACKUP: [redacted] - Create Backup	Sleeping	SUCCESS	24.07.2020 01...		
sql	BACKUP: [redacted] - Delete Old Backups	Sleeping	SUCCESS			
cleanu	Clean finished job and query logs task	Sleeping	SUCCESS	24.07.2020 01...		
cleanu	Clean invalid indexes task	Sleeping	FAILED	24.07.2020 03...		
cleanu	Clean old and never materialized before optimizations task	Sleeping	SUCCESS	24.07.2020 01...		
cleanu	Clean old histories task	Sleeping	SUCCESS	24.07.2020 02...		
cleanu	Clean performance metrics task	Sleeping	SUCCESS	23.07.2020 10...		
cleanu	Clean stale replicator tables task	Sleeping	FAILED	24.07.2020 01...		
sql	Daily snapshost of AWS running instances	Sleeping	SUCCESS	23.07.2020 15...		
perform	Performance metrics collection task	Sleeping	SUCCESS	23.07.2020 09...		
sql	SaaS LDW Backup Notifications	Sleeping	SUCCESS	24.07.2020 08...		
sql	SaaS LDW SSM Compliance Check	Sleeping	SUCCESS	24.07.2020 08...		
sql	SaaS LDW SSM Compliance Slack Notification	Sleeping	SUCCESS			
recopt	SELECT * FROM "dv_pipes_monitoring.connectors_installed_by_users"	Sleeping	FAILED			
recopt	SELECT * FROM "dv_pipes_monitoring.joblogs"	Sleeping	SUCCESS			
recopt	SELECT * FROM "dv_pipes_monitoring.jobs"	Sleeping	FAILED			
recopt	SELECT * FROM "dv_pipes_monitoring.jobs_with_times"	Sleeping	FAILED			
recopt	SELECT * FROM "dv_pipes_monitoring.sources"	Sleeping	FAILED			
recopt	SELECT * FROM "dv_pipes_monitoring.users"	Sleeping	SUCCESS	23.07.2020 09...		
recopt	SELECT * FROM "zendesk.organizations"	Sleeping	SUCCESS	24.07.2020 02...		

# Improved job/schedule concept - Disclaimer

- The concept will be presented as mockups
- Mockups are non-functional illustrations
- There is **no working software** behind the mockups
- Focus on the **idea**, not on visuals
- The final implementation **will look significantly different**
- **Names** are working titles and **subject to change**







**The improved concept**

# Summary

- Jobs are **moved to virtual schemas**
  - Allows **resource governance**
- **Dependent jobs** can be grouped in **job groups**
  - Easier dependency **modelling**
  - Better status **tracking**



## Your feedback

- Have you been able to understand the concepts?
- Would the improvements help you?
- Are there aspects the improvements don't cover?

# Thank you!

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[datavirtuality.com](https://datavirtuality.com)