Training Day 2019

Jennifer Rauworth
Vice President, Client Services

Kelsey Mueller
Program Manager, Client Training

Rocky Bingham
Training Specialist, Client Training

LIFT19
STRATA DECISION SUMMIT
CHICAGO | OCTOBER 21-23

Strata Decision TECHNOLOGY

StrataJazz® Training Updates

Jennifer Rauworth
Vice President, Client Services

LIFT19
STRATA DECISION SUMMIT
CHICAGO | OCTOBER 21-23

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TECHNOLOGY

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Strata Training By The Numbers

Strata Decision TECHNOLOGY

Enhancing Client Education since Summit 2019

168

Clients Certified

+2

New Certification Courses

294

Total Clients Certified

12

Certification Courses

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Training Day By The Numbers

Strata Decision TECHNOLOGY

What to expect Training Day 2019

240

Training Day Participants

141

Administrators can obtain certification

9

Training Day Courses

4

Certification Courses

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Training Day Agenda

- **9:15 am – 10:15 pm**: System Governance
- **10:30 am - 12:30 pm**: Morning Training Classes
- **12:30 pm – 1:30 pm**: Lunch
- **1:30 pm – 4:15 pm**: Afternoon Training Classes
- **5:00 pm – 7:00 pm**: Welcome Reception @ Strata Decision Headquarters

Training Track	Room Location
Track 1 – Ad Hoc Reporter (DS)	Montreaux 1 & 2
Track 2 – DS Analytics Tool	St. Gallen 1 & 2
Track 3 – Deep Dive Into Costing / Contract Analytics Troubleshooting	Montreaux 3
Track 4 – Ad Hoc Reporter (FP)	Vevey 1
Track 5 - Operating Budgeting – Level 2: Rollovers	Vevey 3
Track 6 – Capital Planning Troubleshooting/ Introduction to Excel Reporter	Vevey 2
Track 7 – Management Reporting Troubleshooting / *No afternoon session*	Vevey 4

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Strata Decision TECHNOLOGY

THANK YOU
for joining us today!

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Evolving StrataJazz® Training

Kelsey Mueller
Program Manager, Client Training

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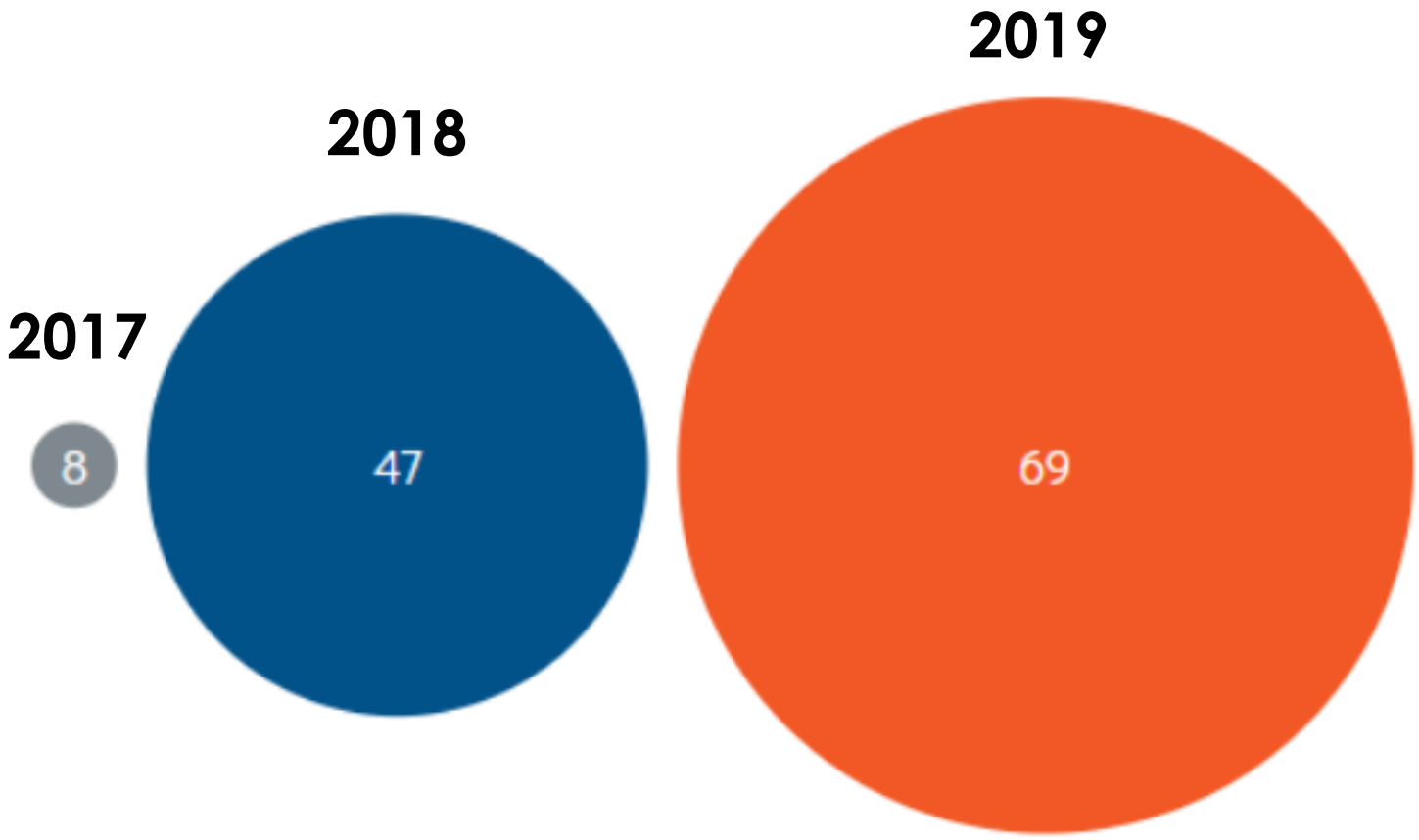
Honor Roll
Certified Organizations



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Clients with 10+ Administrators Certified

Strata Decision TECHNOLOGY

AdvocateAuroraHealth

THE UNIVERSITY OF TEXAS MD Anderson Cancer Center
Making Cancer History®

Northwestern Memorial HealthCare

United Health Services

UPMC Pinnacle

New Hanover Regional Medical Center

VAIL HEALTH

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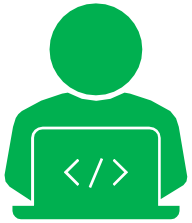
New from Training...



Expanding eLearning

Increasing Class Frequency

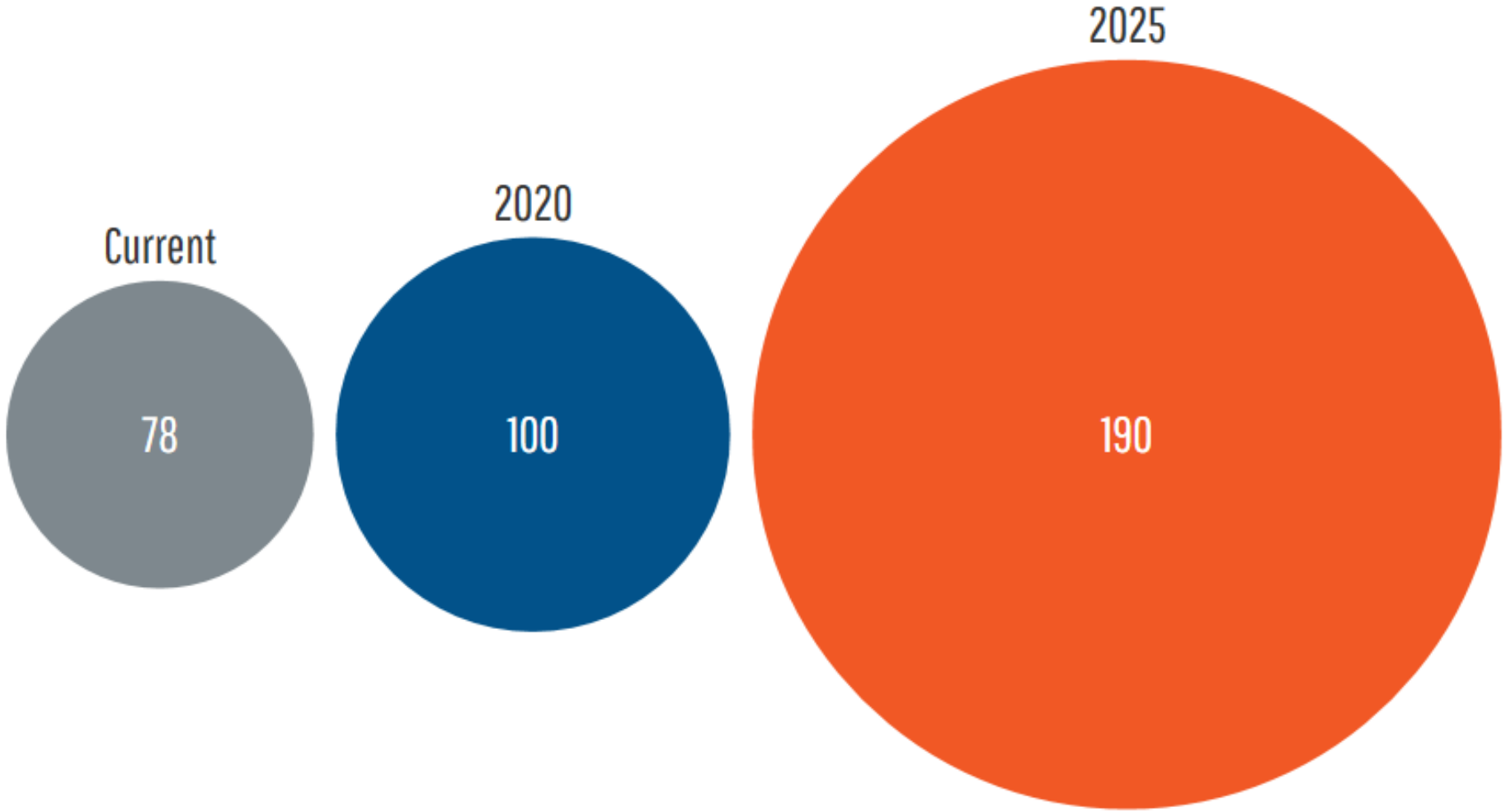
New Training Center in StrataJazz®

Additional Certification Course Offerings

In App Education

© Strata Decision Technology

By the Numbers – Expanding eLearning Over 5 Years



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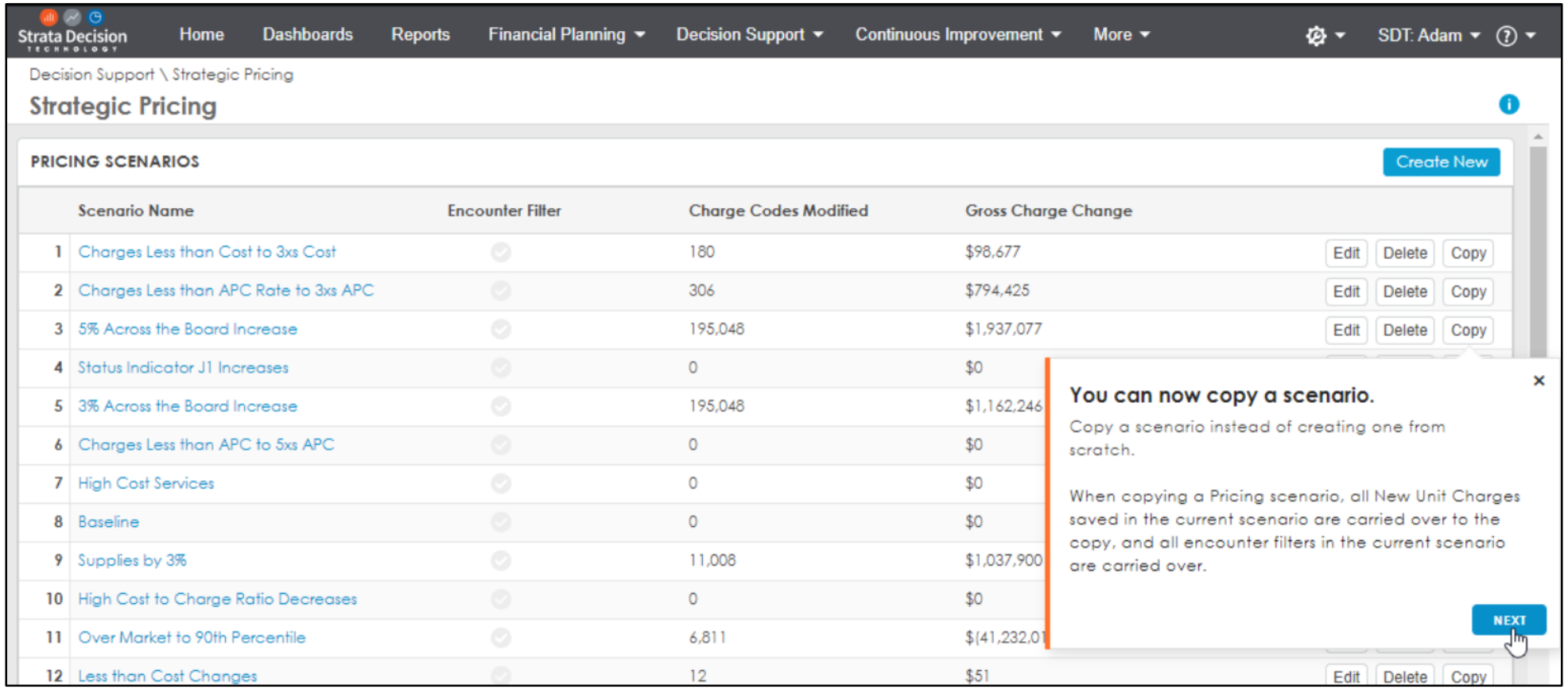
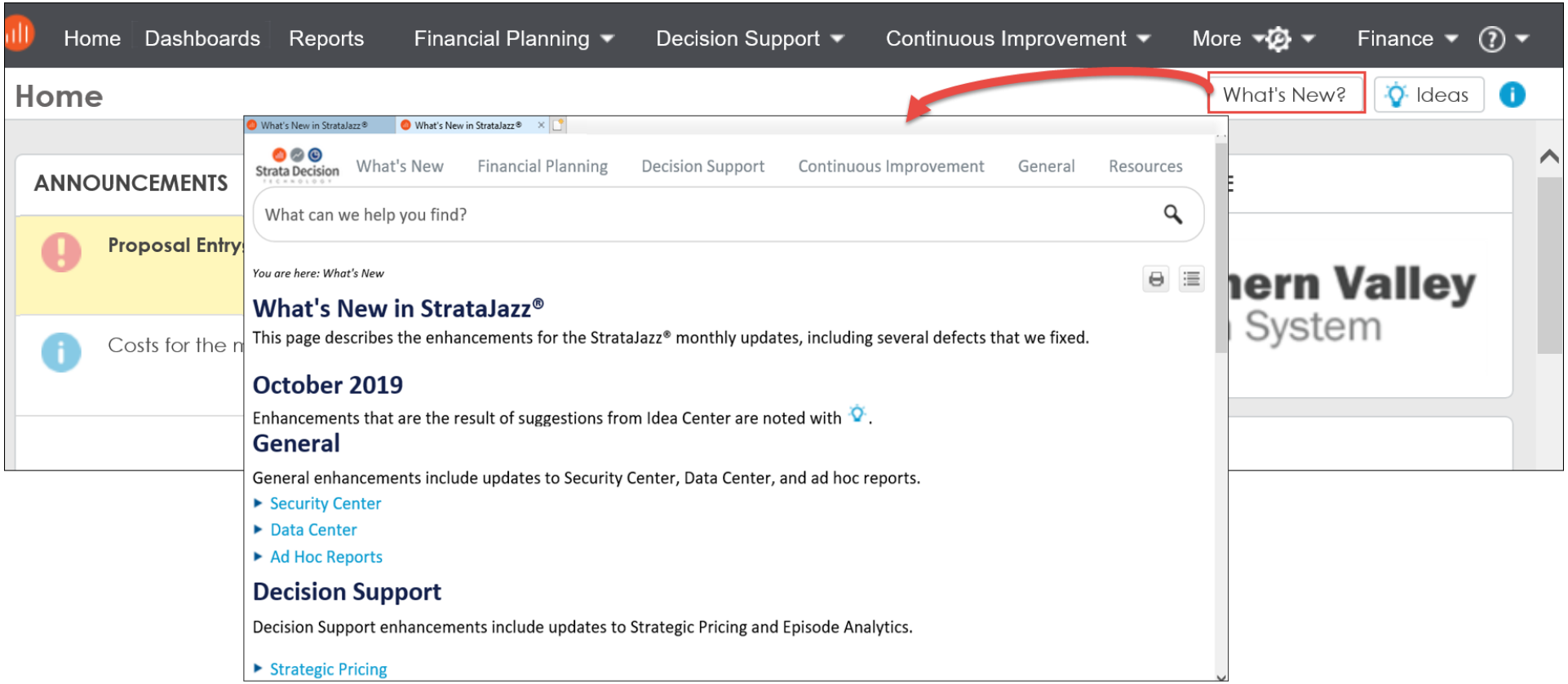
In App Education: Change Notifications



© Strata Decision Technology

In App Education: What's New?



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StrataJazz® Training Center

Rocky Bingham
Training Specialist, Client Training

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TECHNOLOGY

Training Center Features

- New! Features
  - New access for Admins
  - Certification test
  - Certification annuals
- Current Features
  - eLearning courses
  - eLearning documentation
  - End User completion reports

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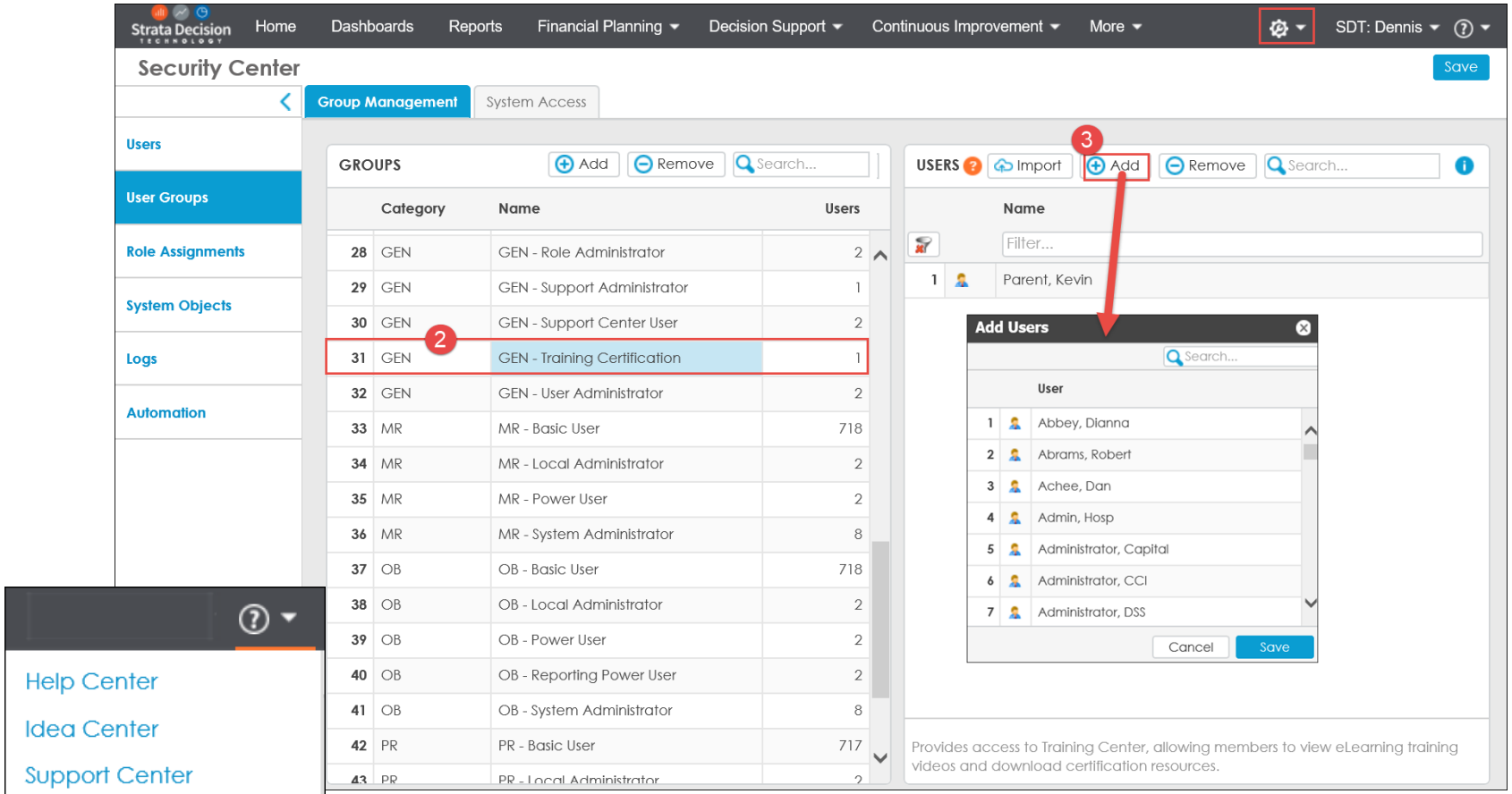
New Security Group

Follow the steps below to give admins access to Training Center

1. Click Gears-Drops down > **Security Center** > **User Groups**
2. Select Gen - Training Certification
3. Click **Add** to select a user.

Now, your users will have access to **Training Center.**

- Click **? > Training Center**



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https://secure.stratanetwork.com/StrataJazz201933/Home.aspx?firsttime=1

Search...

Home

File Edit View Favorites Tools Help

Strata Decision Technology

Home | Dashboards | Reports | Financial Planning | More | Pete

Home

What's New? | Ideas

ANNOUNCEMENTS

Add

Proposal Entry Starts on Monday. You have two weeks to enter your Proposals.

Administrator, Capital - 12/13/2017

CAPITAL PROJECTS

New Capital Project | View All Capital Projects

You have not created any Capital Projects.

DATA CENTER

Go to Data Center

Name	Import Date	Status

DEPARTMENTAL BUDGETS

View All Departmental Budgets

WELCOME BACK, PETE

NOTIFICATIONS (2)

You have **9 Critical** exceptions.

You have **5 Informational** exceptions.

FAVORITES

Use Favorites for quick access to important items.

To add a favorite, click the ☆ icon when viewing a

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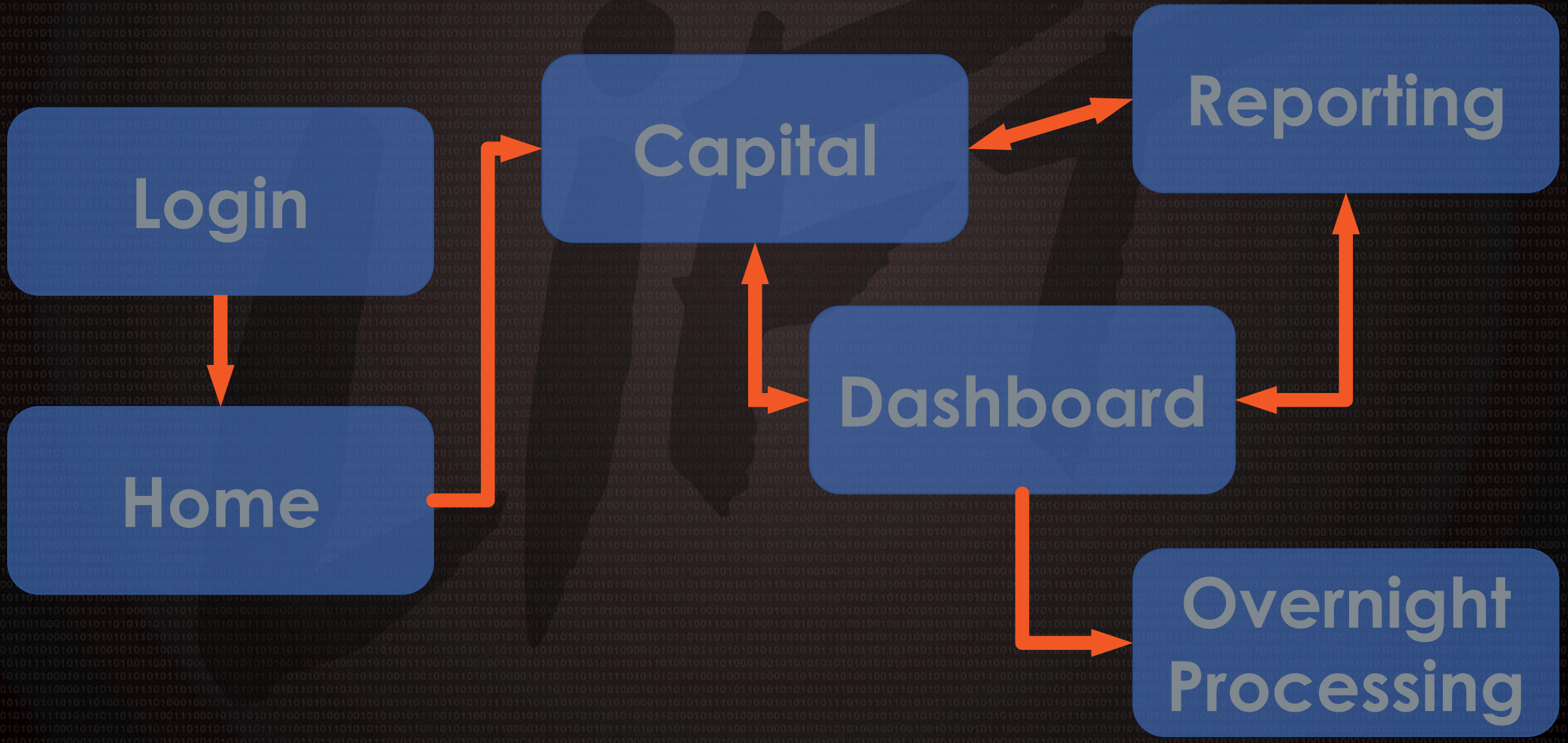
Up Next...

System Governance Session

Matthew Price

9:15 am – 10:15 am

StrataJazz Factory Tour



Application Servers

Login & Identity

Data Stores

Central Management

Central Logging

Server

A computer designed to be good at running just one application, usually without a keyboard or monitor and kept out of sight.

What did he say

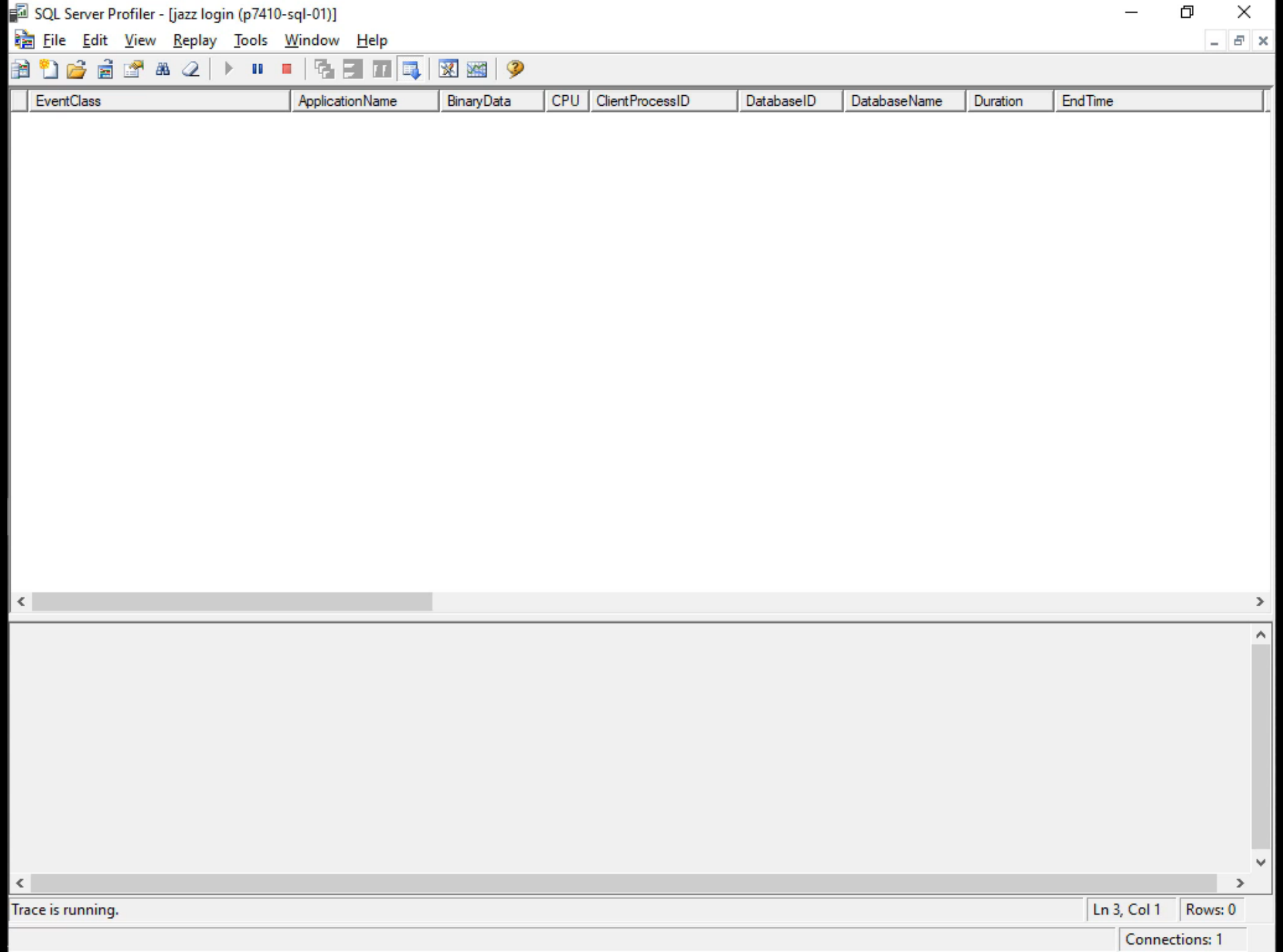
Relational Datastore

A computer system designed to store data so that the relationships between facts – e.g. departments vs entities, payroll vs G.L. – are most efficient and reliable.

What did he say

Identity & Authentication

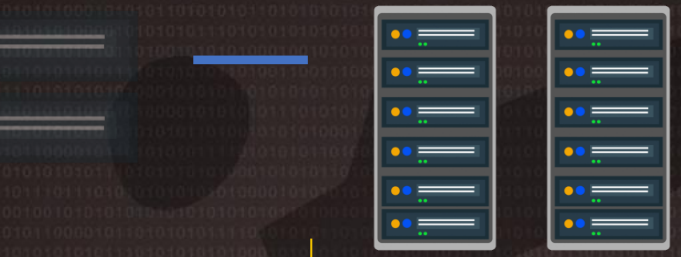
Matching StrataJazz users with people sitting in front of their browsers and proving they are who they say they are.


SQL Server Profiler - [jazz login (p7410-sql-01)]
File Edit View Replay Tools Window Help
EventClass
ApplicationName
BinaryData
CPU
ClientProcessID
DatabaseID
DatabaseName
Duration
EndTime
Trace is running.
Ln 3, Col 1
Rows: 0
Connections: 1

Application Servers

Login & Identity

StrataJazz Primary



Data Stores

Central Management

Central Logging

Caching

Every process takes a certain amount of time. However, some steps can be done in advance or only need to be done once. Caching keeps and reuses results as needed.

What did he say

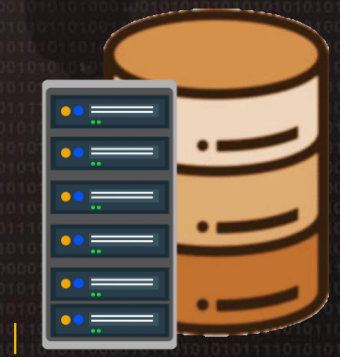
Application Servers

Login & Identity

StrataJazz Primary

Data Stores

Client Relational Database



Central Management

Central Logging

Data

Facts organized, and reorganized as needed to make them able to answer different questions and serve different purposes: business cards vs phone books.

What did he say

SQL Server Profiler - [jazz login (p7410-sql-01)]

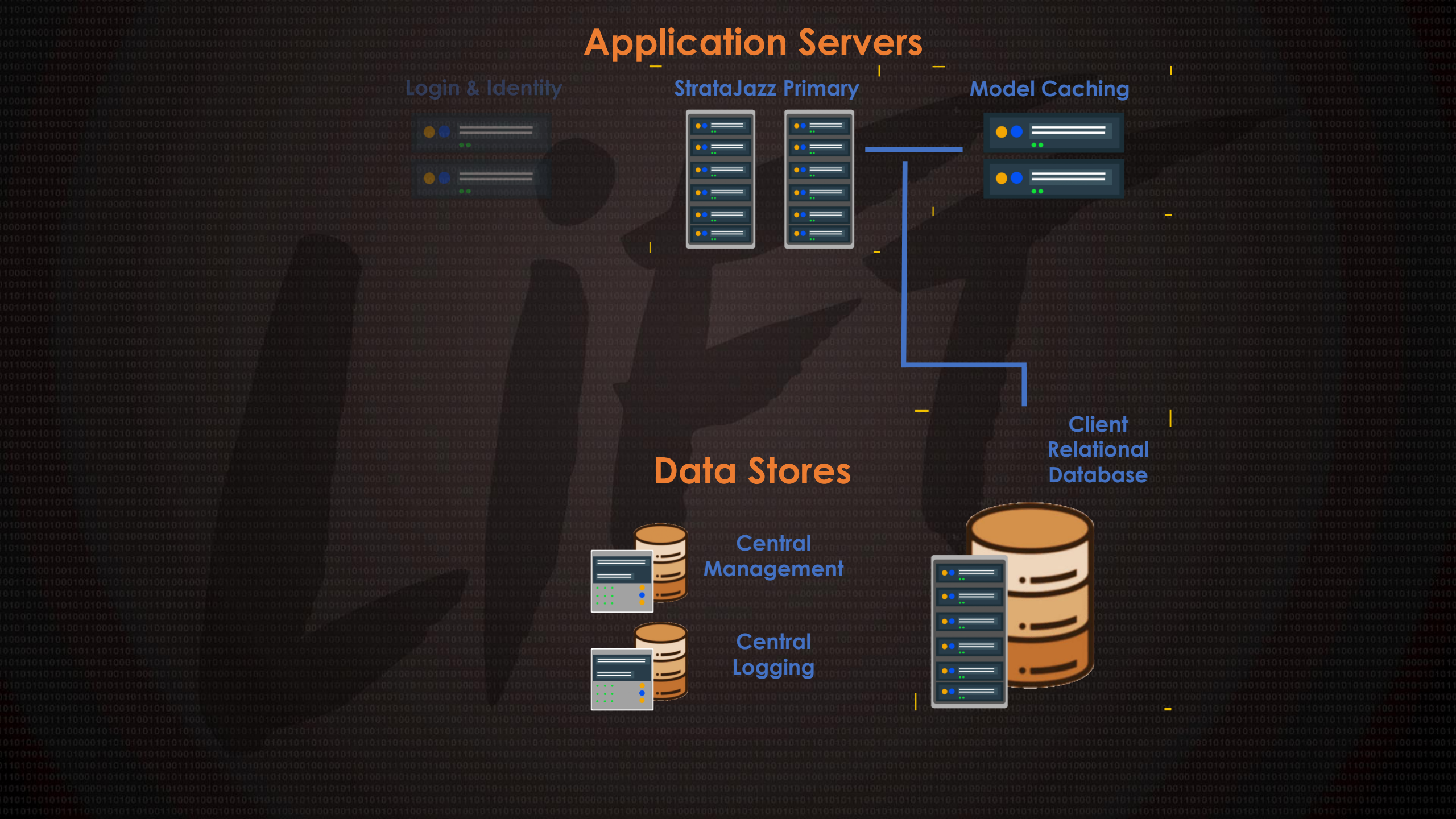
File Edit View Replay Tools Window Help

EventClass	ApplicationName	BinaryData	CPU	ClientProcessID	DatabaseID	DatabaseName	Duration	EndTime
RPC:Completed	2019.33	0X00000...	16	7220	7	jazz prd ...	4	2019-10-14 10:51:27...
RPC:Completed	2019.33	0X00000...	0	7220	7	jazz prd ...	3	2019-10-14 10:51:27...
RPC:Completed	2019.33	0X00000...	0	7220	7	jazz prd ...	5	2019-10-14 10:51:27...
RPC:Completed	2019.33	0X00000...	47	7220	7	jazz prd ...	46	2019-10-14 10:51:27...
RPC:Completed	2019.33	0X00000...	0	7220	7	jazz prd ...	1	2019-10-14 10:51:28...
RPC:Completed	2019.33	0X00000...	0	7220	7	jazz prd ...	1	2019-10-14 10:51:28...
RPC:Completed	2019.33	0X00000...	0	7220	7	jazz prd ...	4	2019-10-14 10:51:29...
RPC:Completed	2019.33	0X00000...	0	7220	7	jazz prd ...	1	2019-10-14 10:51:29...
RPC:Completed	2019.33	0X00000...	0	3992	7	jazz prd ...	2	2019-10-14 10:52:39...
RPC:Completed	2019.33	0X00000...	0	7220	7	jazz prd ...	2	2019-10-14 10:53:19...
RPC:Completed	2019.33	0X00000...	0	7220	7	jazz prd ...	1	2019-10-14 10:53:29...
RPC:Completed	2019.33	0X00000...	0	7220	7	jazz prd ...	1	2019-10-14 10:53:57...
RPC:Completed	2019.33	0X00000...	0	7220	7	jazz prd ...	1	2019-10-14 10:53:58...
RPC:Completed	2019.33	0X00000...	0	7220	7	jazz prd ...	4	2019-10-14 10:54:02...
RPC:Completed	2019.33	0X00000...	0	3992	7	jazz prd ...	4	2019-10-14 10:54:40...
RPC:Completed	2019.33	0X00000...	0	7220	7	jazz prd ...	1	2019-10-14 10:54:44...
RPC:Completed	2019.33	0X00000...	0	7220	7	jazz prd ...	1	2019-10-14 10:55:19...
RPC:Completed	2019.33	0X00000...	0	7220	7	jazz prd ...	2	2019-10-14 10:55:47...
RPC:Completed	2019.33	0X00000...	0	3992	7	jazz prd ...	1	2019-10-14 10:56:41...
RPC:Completed	2019.33	0X00000...	0	7220	7	jazz prd ...	1	2019-10-14 10:57:19...
RPC:Completed	2019.33	0X00000...	0	3992	7	jazz prd ...	1	2019-10-14 10:58:42...

```
exec dbo.procLoginReauthenticate @TOKENGUID='B9756883-6F0E-4E12-8BAF-8A7B3F1A9F8F',@IPADDRESS=N''
```

Trace is running. Ln 207, Col 1 Rows: 207

Connections: 1


Application Servers
Login & Identity
StrataJazz Primary
Model Caching
Client
Relational
Database
Data Stores
Central
Management
Central
Logging

Web Servers - Grafana

https://grafana.sdt.local/d/000000076/web-servers?orgId=1&var-datasource=Oak%20InfluxDB-Tel

Web Servers

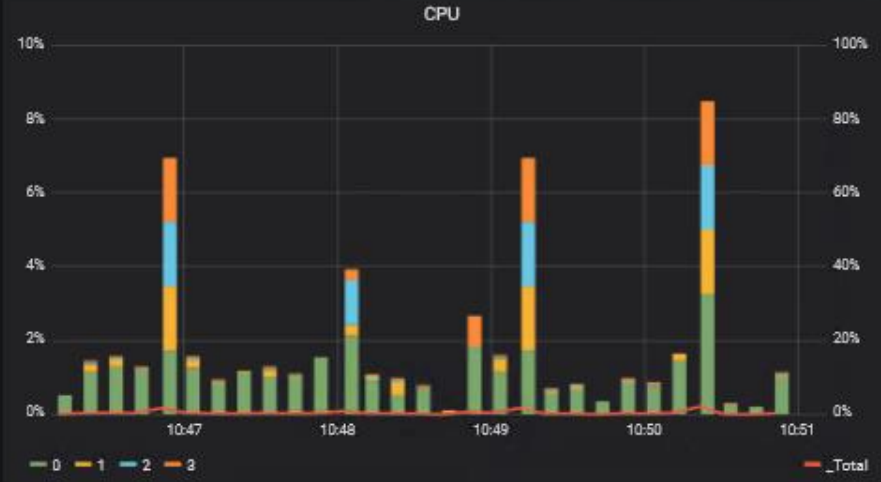
Last 5 minutes Refresh every 1s

datasource: Oak InfluxDB-Telegraf | environment: production | subrole: modelcaching | version: All | server: POAKDWMC-01

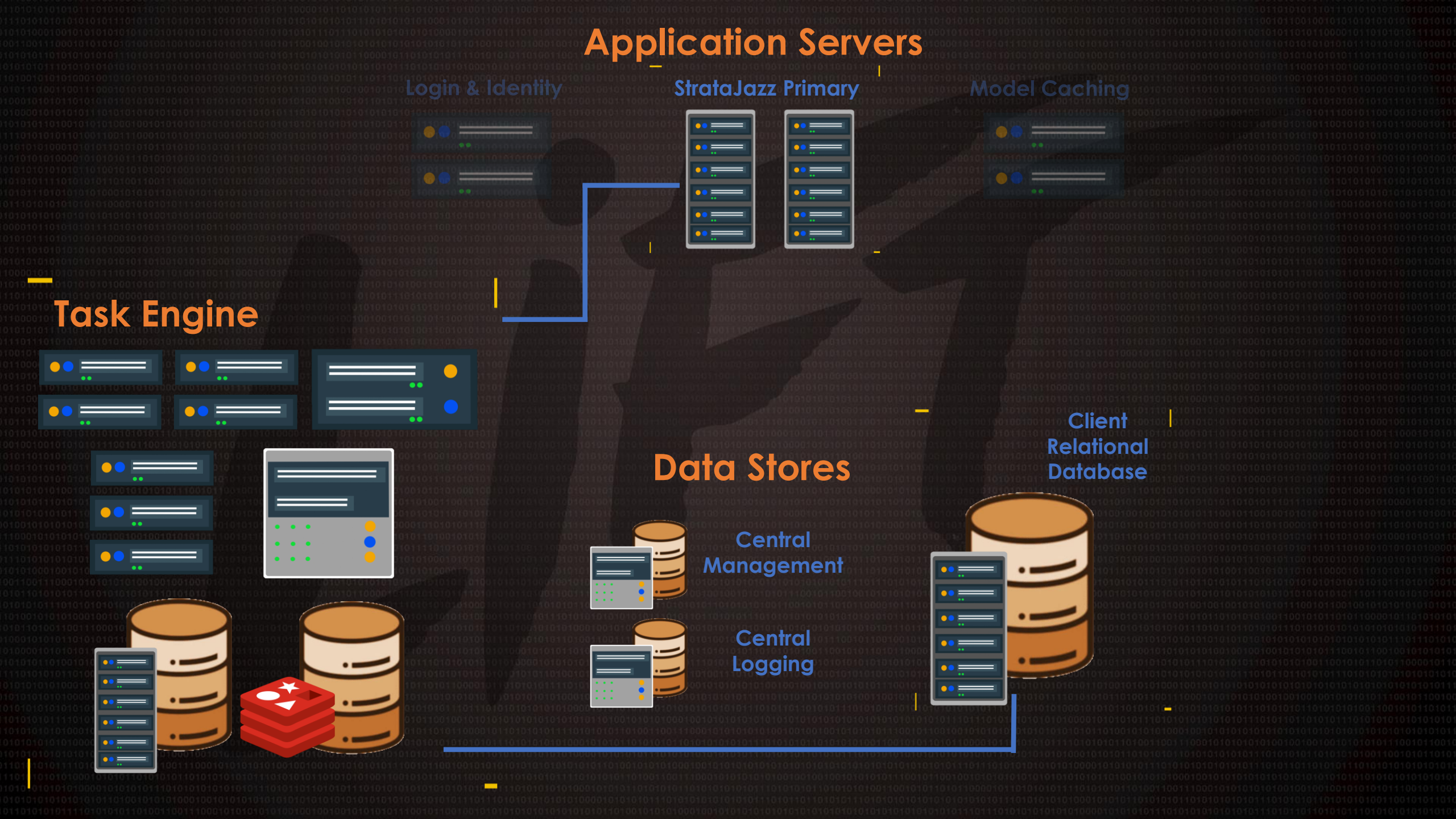
Last Word

CPU	Available Memory	Pagefile Usage	Requests/sec
Last 1 minute	Last 1 minute	Last 1 minute	Last 1 minute
1.0%	8.64 GiB	6%	0.50 ops

Common Metrics



Common Metrics 2


Application Servers
Login & Identity
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Task Engine
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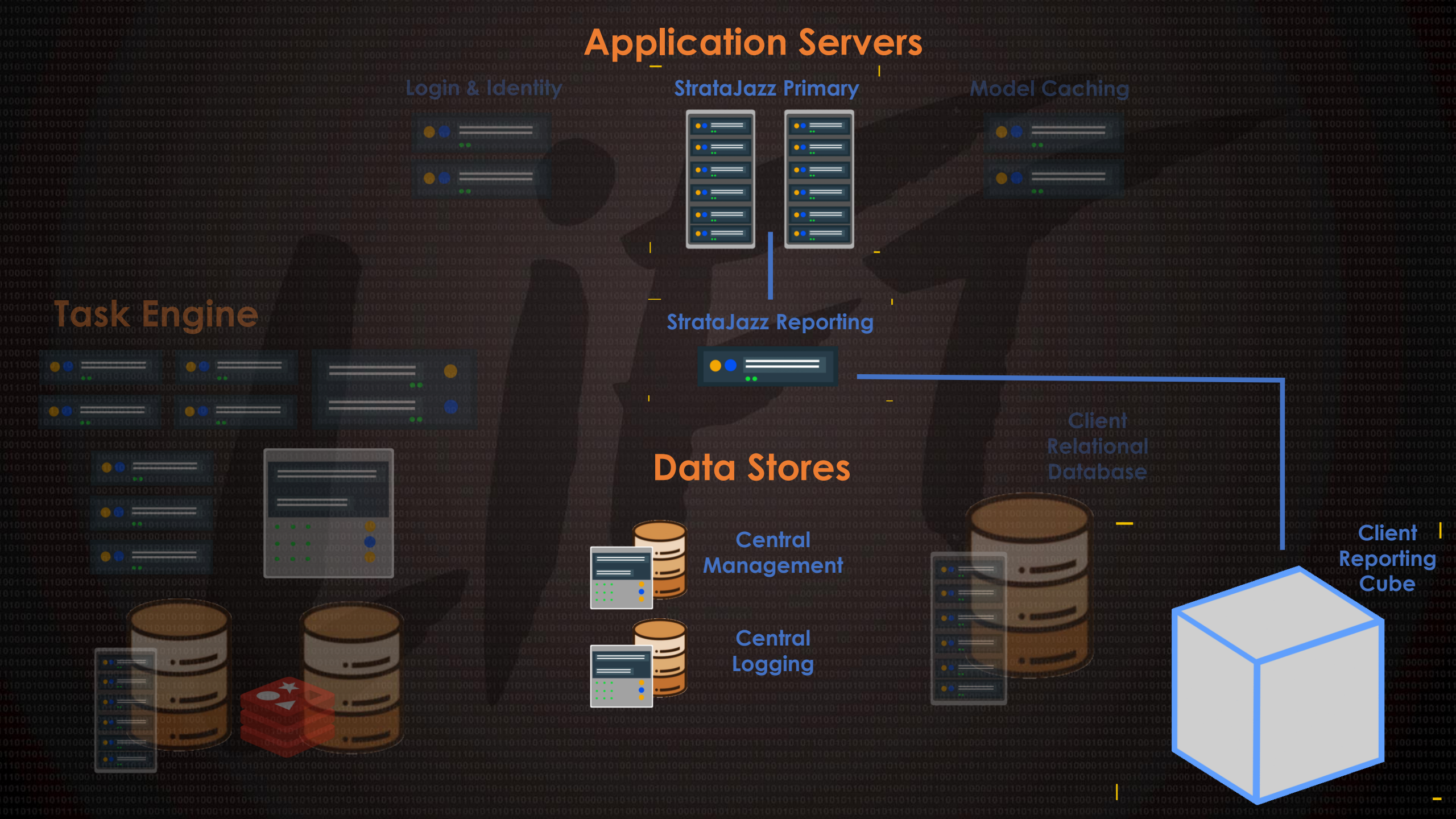
Client Relational Database
Central Management
Central Logging

Cube

Short for hypercube, it is a computer system designed to store data so that it can be quickly summarized across many different dimensions.

What did he say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Central Logging

Task Monitor | SQL Servers - Grafana | AS Servers - Grafana

https://grafana.sdt.local/d/000000083/as-servers?orgId=1&var-datasource=Oak%20InfluxDB-Telec

AS Servers

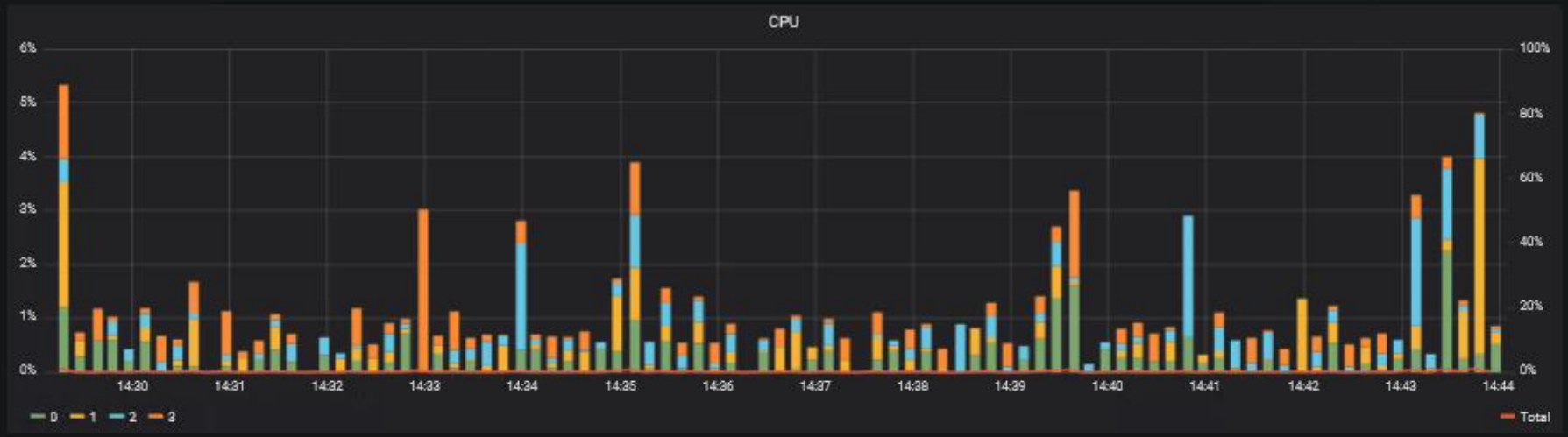
Last 15 minutes Refresh every 1s

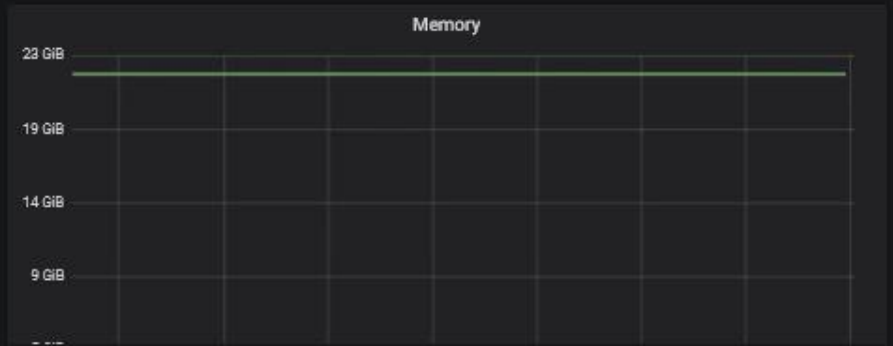
datasource: Oak InfluxDB-Telegraf | environment: production | server: P7410-AS-11 | version: MSAS14

Last Word

CPU Last 1 minute	Available Memory Last 1 minute	OLAP Memory Usage Last 1 minute	File Cache Usage Last 1 minute	Pagefile Usage Last 1 minute
0.2%	22.1 GiB	6.08 GiB	1.714 GB	11%

Common Metrics





SQL Server Profiler - [Untitled - 1 (p7410-as-11)]

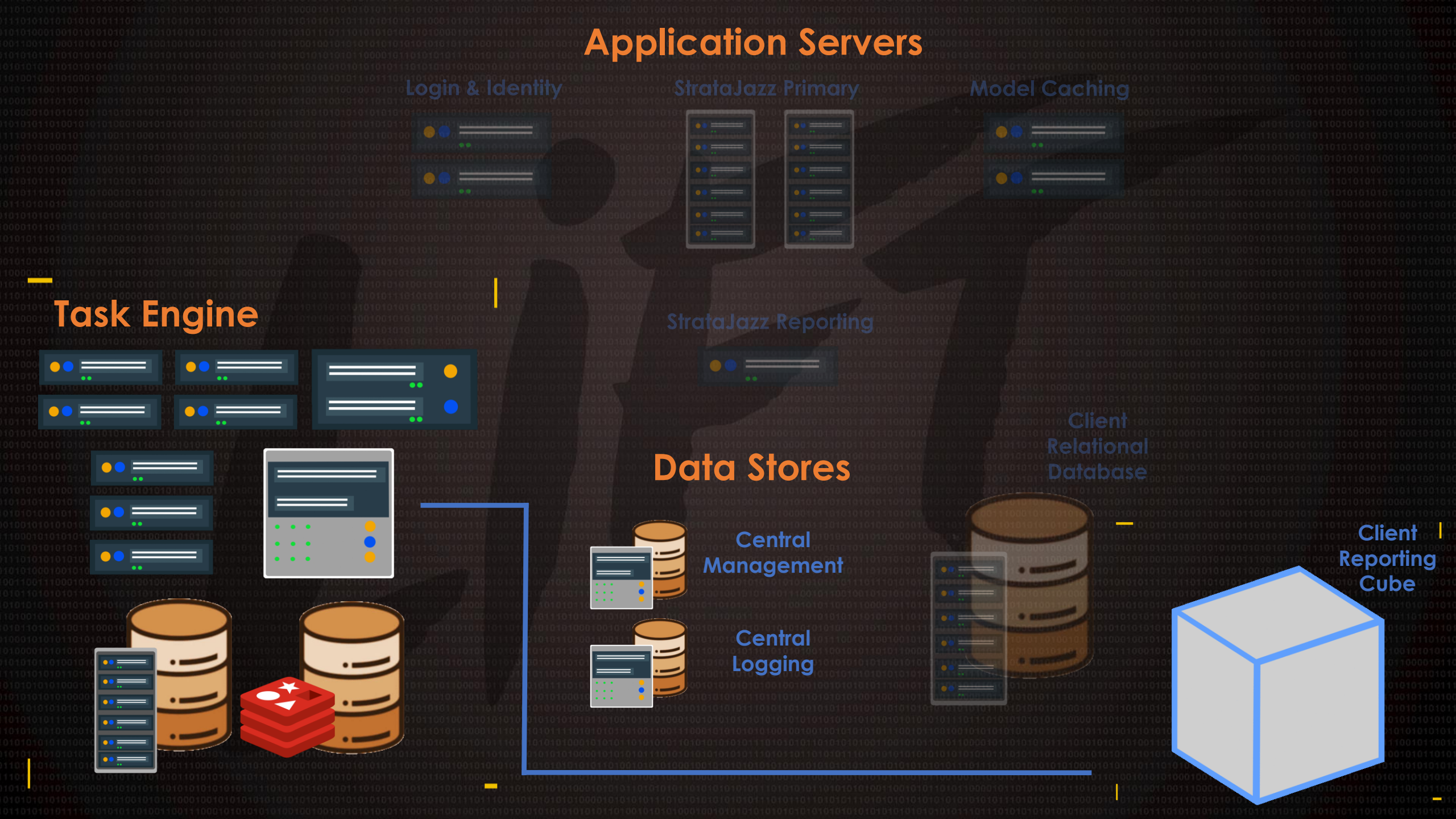
File Edit View Replay Tools Window Help

EventClass	EventSubclass	TextData	ConnectionID	NTUserName	ApplicationName	IntegerData
Query Subcube	1 - Cache ...	0000,0000,0000,0000,000,010,0000,00...	232			
Query End	0 - MDXQuery	Select Non Empty {[Measures].[D...	232	Service...		1
Query Subcube	1 - Cache ...	0000,0000,0000,0000,000,010,0000,00...	235			
Query Subcube	1 - Cache ...	0000,0000,0000,0000,000,010,0000,00...	235			
Query End	0 - MDXQuery	Select Non Empty {[Measures].[D...	235	Service...		1
Query Subcube	2 - Non-ca...	0000,0000,0000,0000,000,011,0000,00...	238			
Query Subcube	1 - Cache ...	0000,0000,0000,0000,000,011,0000,00...	238			
Query End	0 - MDXQuery	Select Non Empty {[Measures].[D...	238	Service...		
Query Subcube	2 - Non-ca...	0000,0000,0000,0000,000,011,0000,00...	241			
Query Subcube	1 - Cache ...	0000,0000,0000,0000,000,011,0000,00...	241			
Query End	0 - MDXQuery	Select Non Empty {[Measures].[D...	241	Service...		4
Query Subcube	1 - Cache ...	0000,0000,0000,0000,000,010,0000,00...	244			
Query Subcube	1 - Cache ...	0000,0000,0000,0000,000,010,0000,00...	244			
Query End	0 - MDXQuery	Select Non Empty {[Measures].[D...	244	Service...		1
Query End	0 - MDXQuery	Select {} on columns, subset(...	246	Service...		72
Command End	17 - Cancel	<Cancel xmlns="http://schemas.micro...	249	Service...		
Query End	0 - MDXQuery	Select Non Empty {[Measures].[D...	248	Service...		
Error		Server: The operation was cancelled...	248	Service...		
Query Subcube	1 - Cache ...	0000,0000,0000,0000,000,010,0000,00...	251			
Query Subcube	1 - Cache ...	0000,0000,0000,0000,000,010,0000,00...	251			
Query End	0 - MDXQuery	Select Non Empty {[Measures].[D...	251	Service...		1

```
Select
 Non Empty
 {[Measures].[Detailed Total Cost]} DIMENSION PROPERTIES MEMBER_CAPTION on columns

, ( NonEmpty
     ([Service Date].[Calendar Year].[Calendar Year].members
 * [Cost Component].[Category].[Category].members, {[Measures].[Detailed Total Cost]})) DIMENSION PROPERTIES MEMBER_CAPTION on rows

From [DSS Costing]

CELL PROPERTIES VALUE, FORMATTED_VALUE, FORMAT_STRING
```

Trace is running. Ln 25, Col 1 Rows: 25

Connections: 1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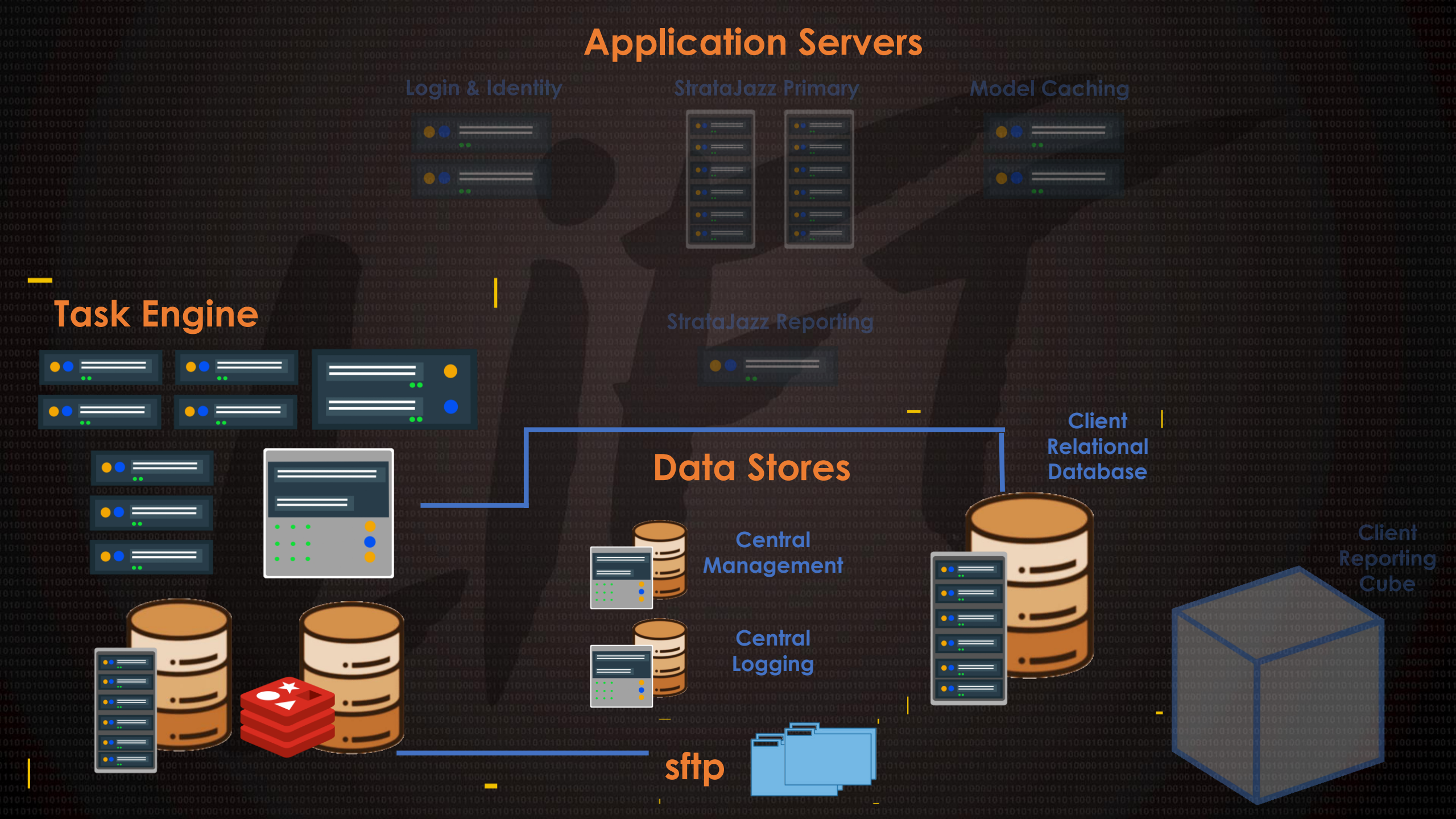
StrataJazz Primary
Model Caching
Task Engine
StrataJazz Reporting
Client Relational Database
Data Stores
Central Management
Central Logging
Client Reporting Cube

Batch vs Interactive

Batch processes work unseen in the background, like loading daily files or taking backups.

Interactive processes work with users, like financial models and reports.

What did he say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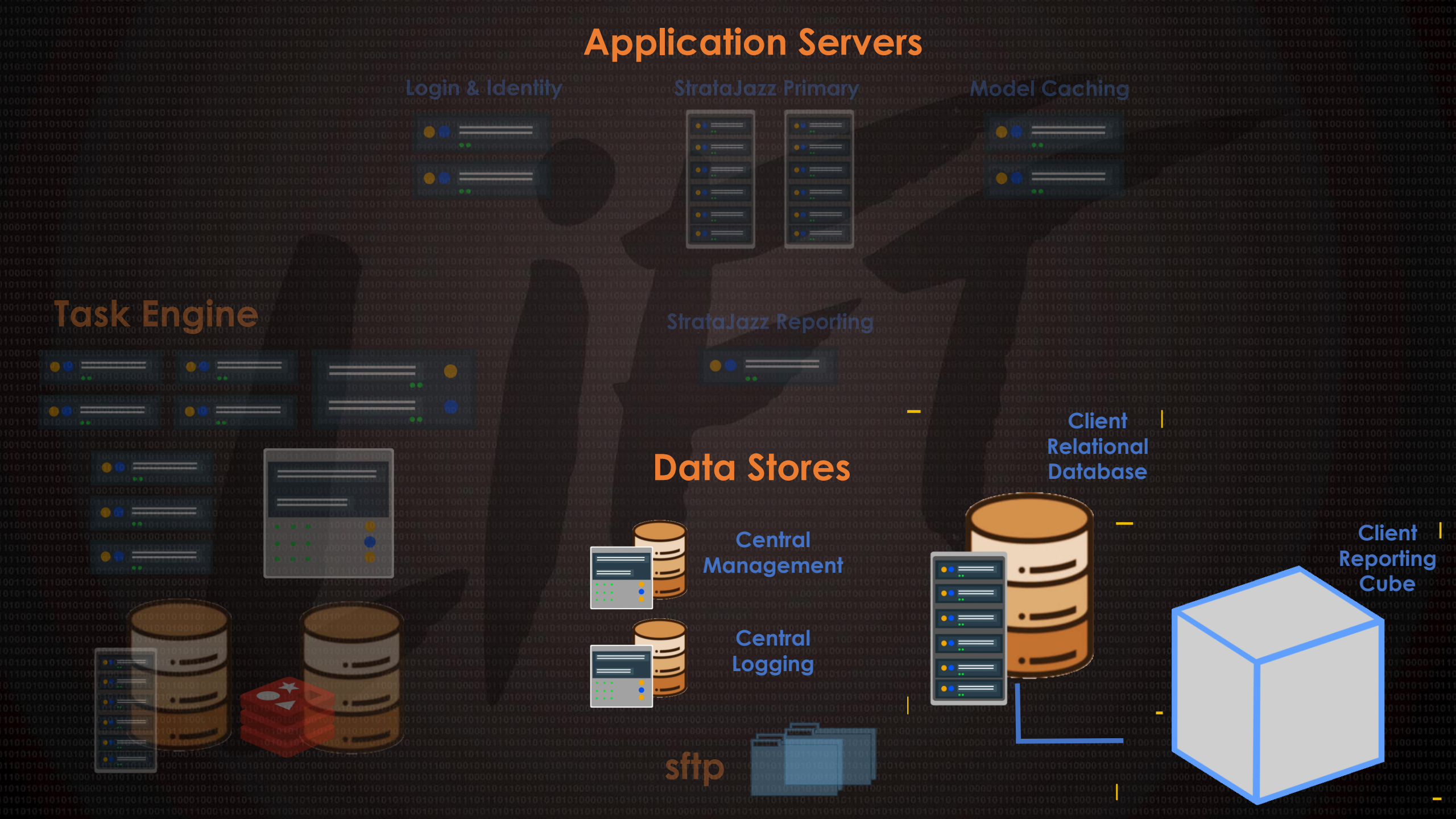
sftp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Task Monitor | SQL Servers - Grafana | AS Servers - Grafana

https://grafana.sdt.local/d/000000068/sql-servers?orgId=1&refresh=1s&from=now-15m&to=now

SQL Servers

Last 15 minutes Refresh every 1s

datasource Oak InfluxDB-Telegraf sqlserver P7410-SQL-01

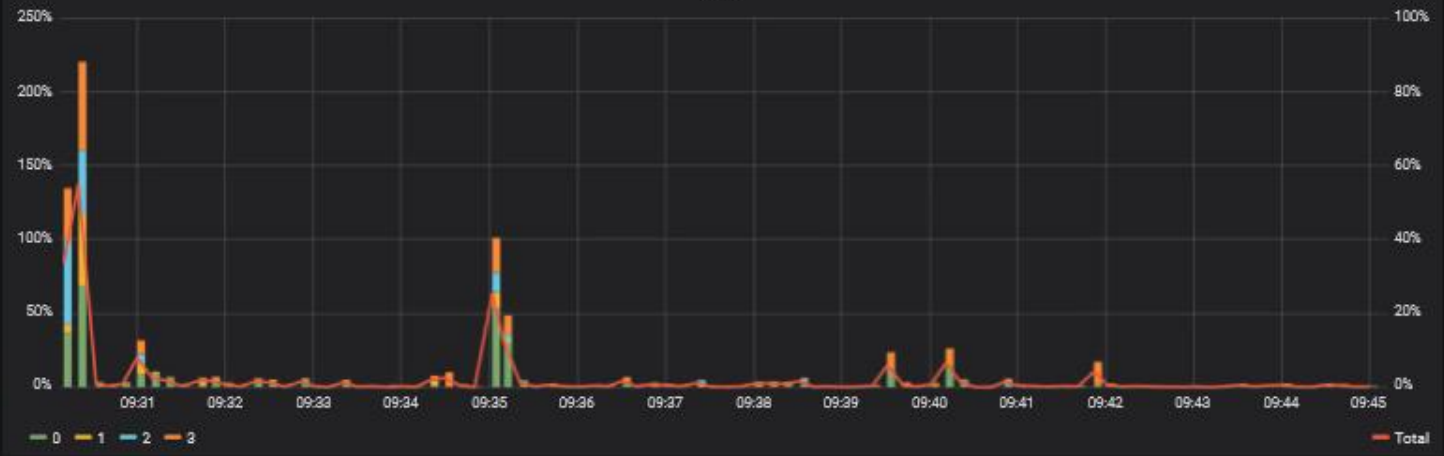
Last Word

CPU (Last 1 minute)	Available Memory (Last 1 minute)	Pagefile Usage (Last 1 minute)	BCHR (Last 1 hour)
0.18%	15.2 GiB	18%	98%

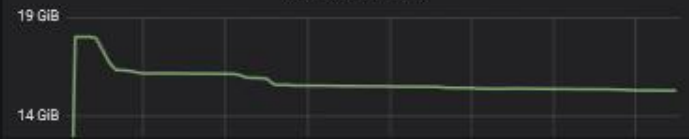
Free Space in TempDB (Last 1 hour)	Batch Requests/Sec (Last 1 hour)	Total Waits (Last 1 minute)	PLE (Last 1 hour)
43.0 GiB	12	0	14 minutes

Common Metrics

CPU



Available Memory



Network Usage