



GridApp Webinar

Configuration Management for the Database
and Your First Step to a CMDB

Delivered by:
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GridApp Welcomes You

- Thank you for attending
- Our presentation will last approximately 30 minutes
 - Topic: Configuration Management for the Database
 - Speaker: Matthew Zito, GridApp Chief Scientist
- Stay tuned for the companion white paper
- response@gridapp.com

About our Speaker

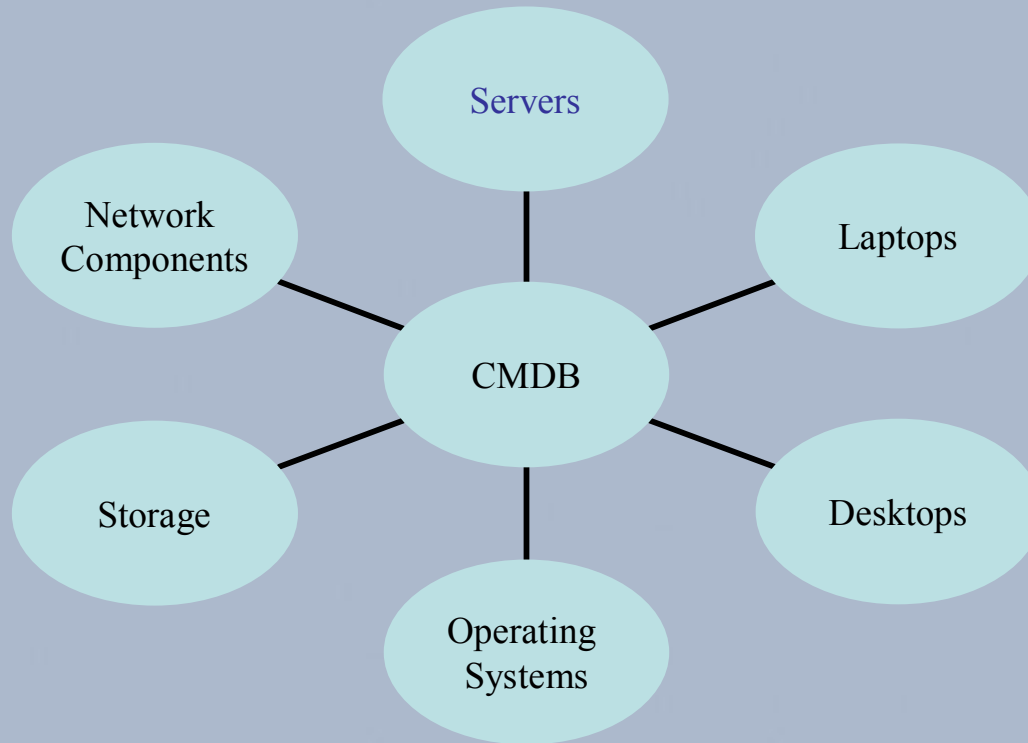
- Matthew Zito
- Chief Scientist
- Expert in large-scale infrastructures
- Previously with EMC and Register.com
- Linux advocate
- Early adopter of technologies such as automation and centralized configuration management

Today's Agenda

- What is a CMDB?
 - Why Do I want It?
 - Why Can't I Get it?
- CMDB for the Database
 - What does DB Configuration Management do?
 - How can it Fit into a Larger CMDB Strategy?
- The Benefits of Configuration Management
 - Efficiency, security, less downtime
- Getting Started – Who Can Help?
 - ISVs
 - Automation Specialists
- Q&A

What is CMDB

- Configuration Management Database (CMDB) is the next step in managing IT complexity
 - Creates one information store to manage everything “IT”



What is CMDB

- A CMDB stores two kinds of information
 - Configuration data
 - Process
- Configuration & Asset Management
 - “What do we have out there?”
 - “Does it meet our standards?”
- Process
 - Change control
 - Deployment

Why Do I Want It?

- Single source of truth for configuration data
- Audit user activity
- Institute change management processes
- Institute security controls
- Automate validation of systems and configurations
- Demonstrate compliance to auditors and business units

CMDB – Why Can't I Get it?

- Issues with CMDB
 - Too complicated for organizations to implement
 - Too many people need to “buy in” to guarantee success
 - Too many different products for one company to map into a CMDB
- Federated CMDB
 - Organizations implement multiple CMDBs - one per infrastructure tier
 - Desktop CMDB
 - Database CMDB
 - Network CMDB

CMDB for the Database

- Configuration Metadata
 - “Everything but the data”
 - Schema, instance configurations
 - Patch information
- Process Metadata
 - “Gold Builds”
 - Database scripts
 - Auditing configurations
- Why it’s possible now
 - Database vendors placing more importance on centralized management
 - Organizations are standardizing their databases

Federated CMDB Strategy

- Allows organizations to start small
 - Deploy CMDBs for tiers facing problems
 - Small initial investment
- Choose CMDB products that easily integrate with other CMDBs
- Organizations can deploy tools and technologies that directly address their problems

Creating a CMDB – First Steps

- Define standards
 - Database builds and configurations
 - Database versions
 - Work with auditors to document standards
- Create policies
 - How will configurations be changed?
 - Exception handling
 - Monitoring and availability policies
- Implement tools
 - Centralized configuration data
 - Asset and inventory data

The Benefits of Configuration Management

- Demonstrate compliance
 - Online store allows auditors to directly access reports on compliance
 - Validate SLAs are being met
- Improved application availability
 - Administrators can better understand how databases are configured
 - Config tracking helps identify how changes have affected performance and uptime
- Enhanced Productivity
 - Teams spend less time dealing with downtime, inventory, and change management
 - Spend more time designing applications, tuning SQL, and planning for the future

Summary

- CMDBs provide a central repository for all IT metadata
- Federated CMDBs combine the benefits of a central store with application-specific functionality
- Starting with a tier- or application-specific CMDB eases deployment pain
- Centralizing configuration information improves application availability, reduces maintenance overhead, and allows teams to spend more time on revenue-generating activities

Stay Tuned

- Q&A
- The Companion White Paper
- About GridApp Clarity

About GridApp Clarity

- Clarity is the only comprehensive database management product in the industry
- Closed-loop Management:
 - Inventory and Configuration Management
 - Audit and Compliance
 - Automation and Provisioning

Schedule a Demo

- Email response@gridapp.com
- Subject line = Demo

The Companion White Paper

- Email response@gridapp.com
- Subject line = White Paper

Q&A

With Matthew Zito, Chief Scientist



Thank You!