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Advanced Configuration Management with HP UCMDB Configuration Manager & UCMDB Browser

March 4, 2014

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Hosted by



Mark Laird
Business Service Management
SIG Leader



Today's Presenters



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HP Universal CMDB & Configuration Manager
HP Software



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Senior Product Marketing Manager
CMS & ITAM
HP Software



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Webinar Control Panel

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Questions →



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News from HP Software

- HP Software Americas Announces the 2014 Awards of Excellence!
 - [Nominations](#) due by March 31st. Winners receive a complimentary ticket to Discover in Las Vegas, an HP Slate, publicity and more.
- Visit the HP [IT Experts Community](#) for forums, blogs, upcoming events and to register for monthly newsletter.
- Participate in upcoming [Online Expert Days](#).



Advanced Configuration Management

With HP UCMDB Configuration Manager
and the HP UCMDB Browser



Doron Orbach, Sr. Product Manager, UCMDB & CM

Brian Miller, Sr. Product Marketing Manager, CMS & ITAM

March 2014

Advanced Configuration Management

Using HP UCMDB Configuration Manager and HP UCMDB Browser

Part 1 – What is Advanced Configuration Management and what does it try to solve?

Part 2 – Opening the CMDB gates for standard IT users: Learn how standard IT users can benefit from your CMS data

Part 3 – Advanced Configuration Management with UCMDB Configuration Manager ensures configuration quality and the quality of your business services

Part 4 – Q&A



Part 1 - What is Advanced Configuration Management and what does it try to solve?



Management Concerns



“**High risk changes** are still causing us major issues.”

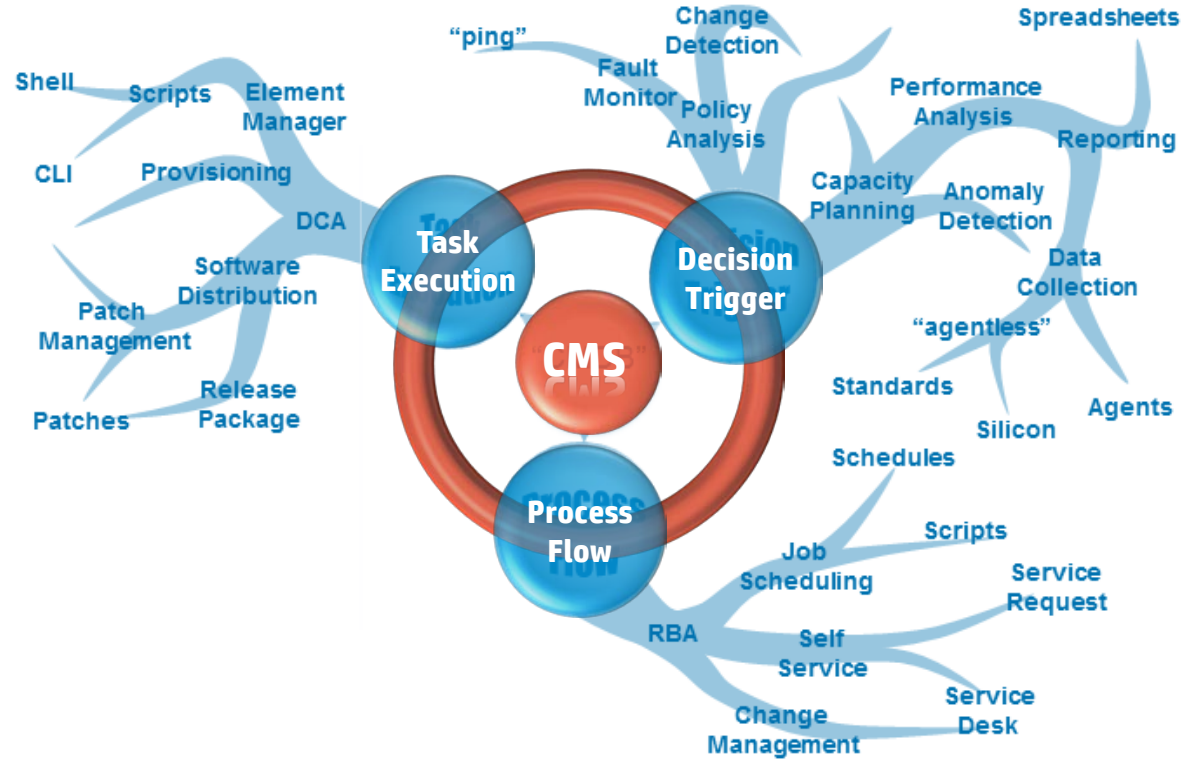
“We need to **reduce outages** with more accurate Change impact assessment.”

“When we have infrastructure outages, we need to know **which critical business services are impacted** and fix the most important problems faster.”

“When asked to **cut costs**, we need to really know what we have out there.”

Why do we need Configuration Management?

Without CMS, no matter how strong your current processes or tools are you will never have real **visibility** and the information you need to truly understand your IT landscape



Base Configuration Management Problems

Which systems do I have in my data centers?

Do I know which software assets are installed on my systems?

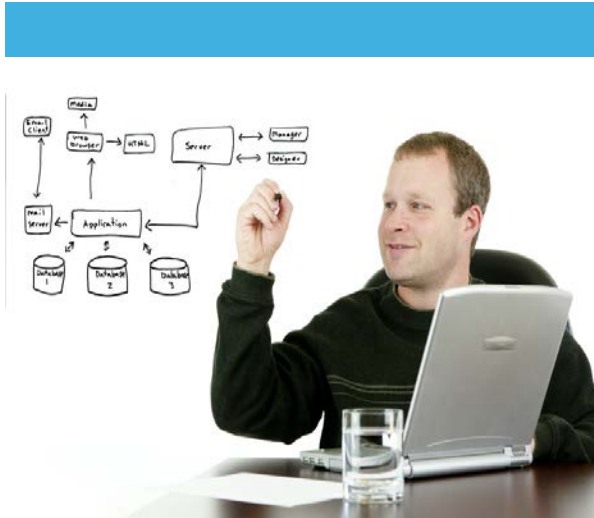
Do I know the versions of the installed software, and changes made to them?

Am I licensed correctly?

How does it all connect together?



Configuration Management for Services and Applications



How are my business services affected by configuration?

Can I identify my apps and services? Do I know which infrastructure supports them, and their dependencies?

When I change a configuration do I know which service might be affected?

Do I have the data needed for Data Center Migrations or Consolidations?

The Quality of My Configuration Data

Is the actual state of my configuration authorized? Can I detect Un-Authorized Changes?

Does the configuration complies to the my IT standards?

Does my configuration ensures business continuity of my critical services?



Does my configuration truly serve my business needs?

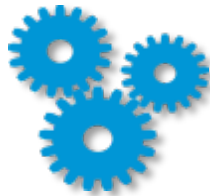
The Path to Advanced Configuration Management

Asset and Topology Configuration

Automate Discovery
One true data set Control changes Manage assets

Application and Service Dependency

Service Maps
Potential change impact
Services Availability



Policies, Authorization and Control

Policies & Authorization
Service Standardization
Business Continuity
Authorized State



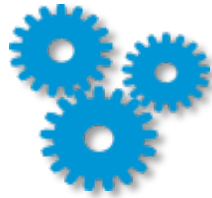
The Path to Advanced Configuration Management

**Asset and Topology
Configuration**

**HP Universal
Discovery (UD)**

**Application and
Service Dependency**

**HP UCMDB
with HP UD**



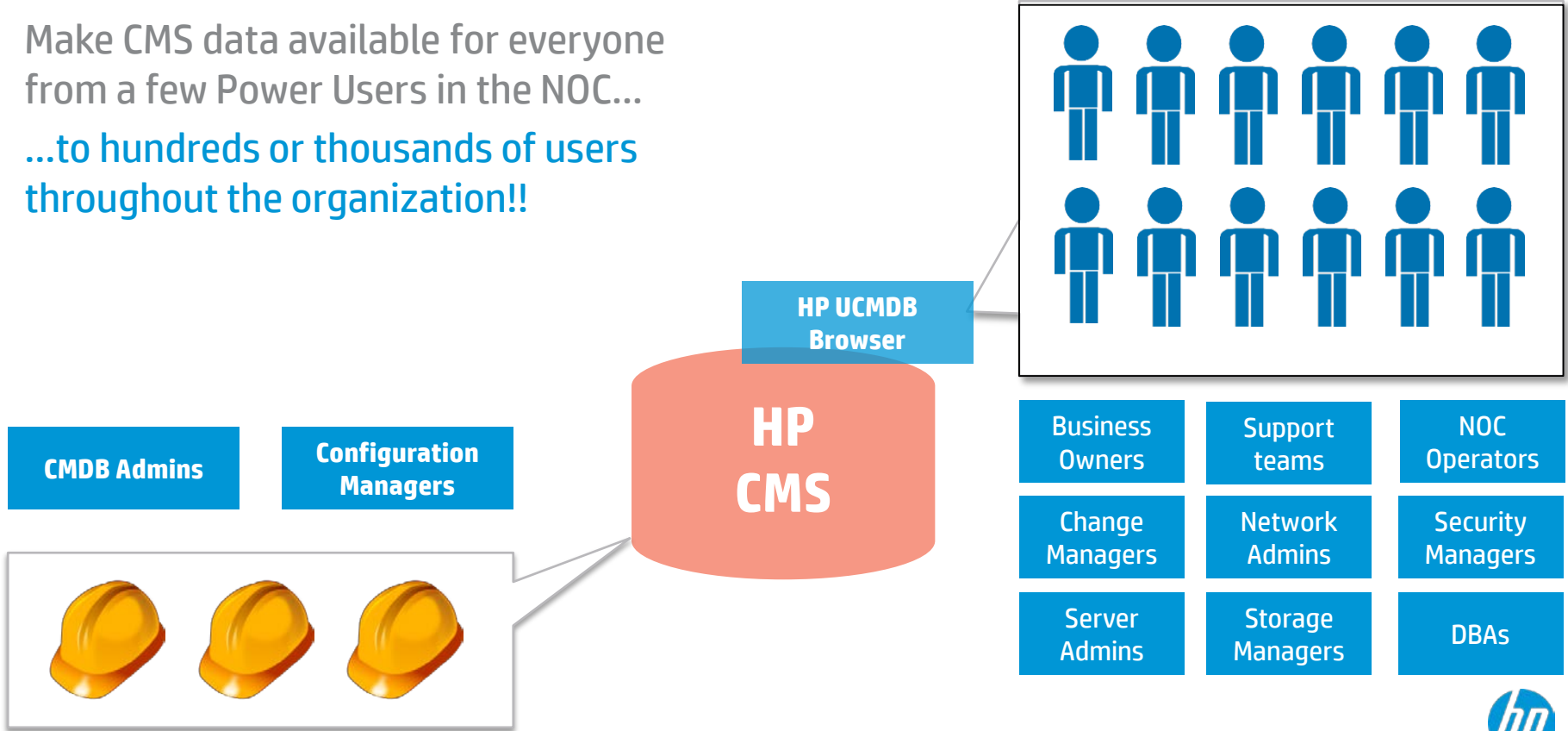
**Policies, Authorization
and Control**

**HP UCMDB Configuration
Manager (CM)**



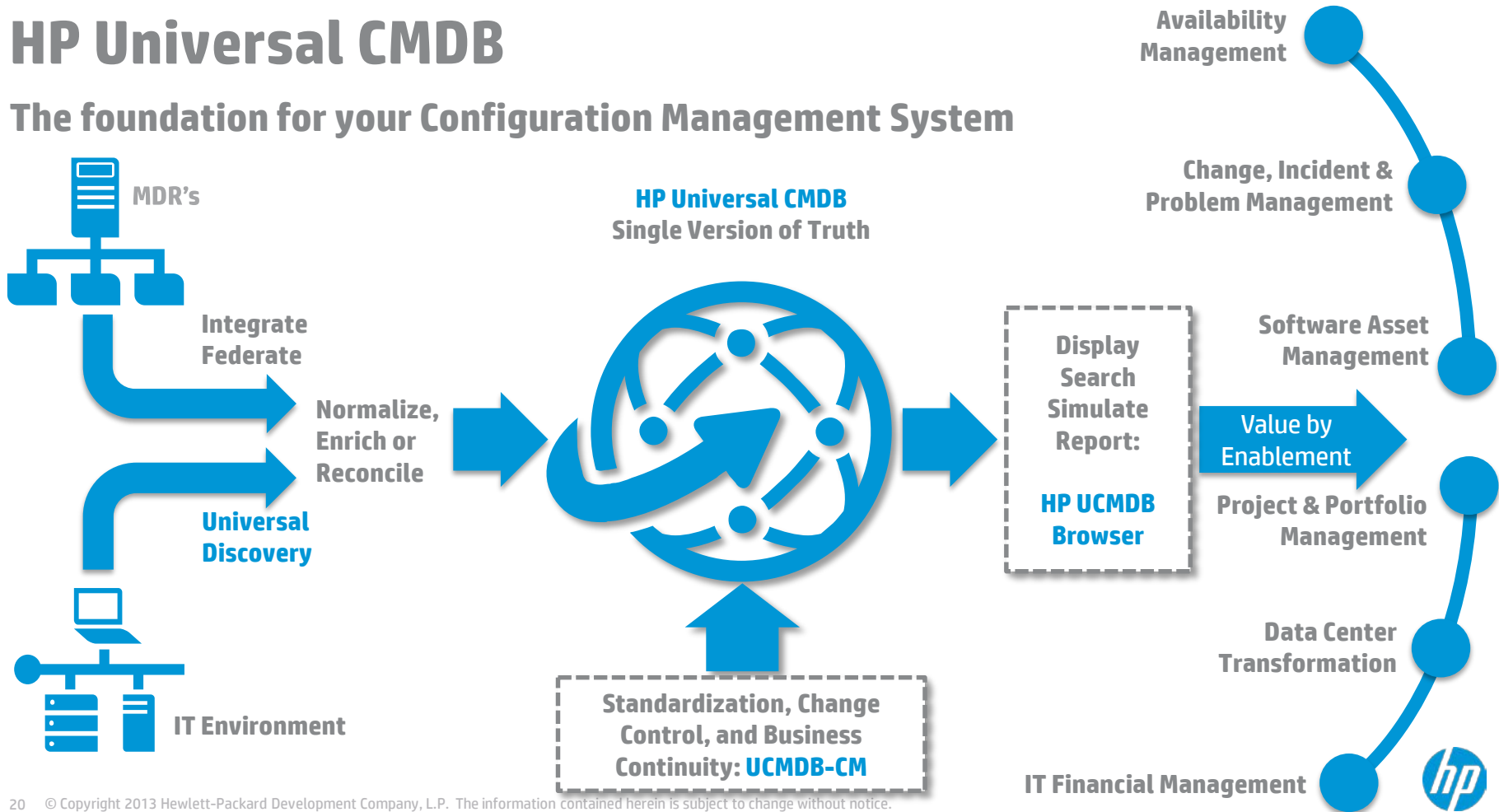
Extend the value of Configuration Management

Make CMS data available for everyone
from a few Power Users in the NOC...
...to hundreds or thousands of users
throughout the organization!!



HP Universal CMDB

The foundation for your Configuration Management System



Part 2 - The UCMDB Browser – Let your IT end-users access relevant data and create reports



HP UCMDB Browser

A web application that enables easy access to your CMS data

**Available to all users
in the IT organization**

No learning curve

Search CIs and dependencies with ease

Service dependencies & Impact

Runs on any web browser

Works on Tablets

Based on HTML5

Secured and access control

**Leverage the power of UCMDB &
Integrated systems**



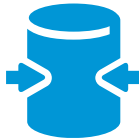
Easy-to-use



360° data



Reports



UCMDB Data



Tablet



HTML 5



Integrations



Secured



CMS information at your fingertips with the UCMDB Browser

MiziPad 12:15 AM 100%

hp Universal CMDB Browser Server: vmucmdb08 User: Admin Logout

Search Most Searched Most Visited Inbox 20 vnamqa

VMAMQA134 WINDOWS Infrastructure Actions 26/02/2012 14:15AM

Properties	Environment
IP Address: 16.59.123.56 DiscoveredModel: HP xw4400 Workstation DiscoveredOsName: Microsoft Windows Server 2008 R2 Enterprise Details	Business Application (1) Network (2)
Impact Simulation	Policy
Critical (6) Medium (4)	In-breach Satisfied: 0% Configuration policies: 0 satisfied policies out of 1 policies
Incidents	Defects

VMAMQA134 Type: WINDOWS ucmdb903ct02 Type: WINDOWS ucmdb903ct02 Type: WINDOWS ucmdb903ct02 Type: WINDOWS ucmdb903c Type: WINDOW

1 2 3 4

HP UCMDB Browser Demo

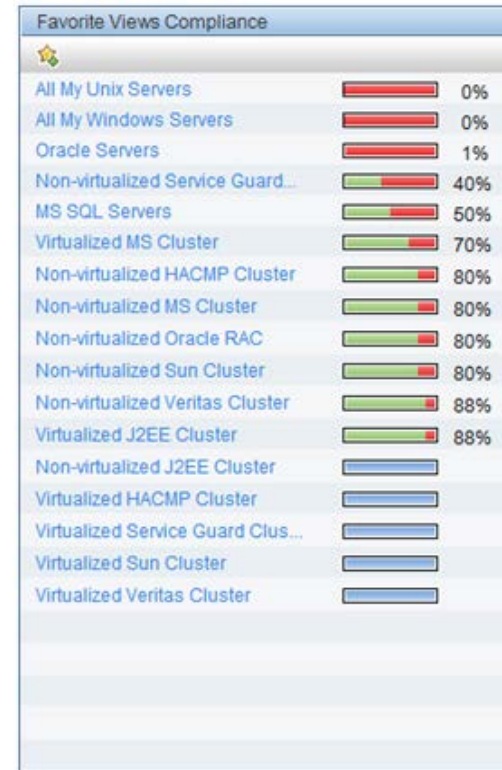


Part 3 – Advanced Configuration Management using the HP UCMDB Configuration Manager



Protect your ability to deliver services

With HP UCMDB Configuration Manager
you can track the quality of your services
and their configuration items to ensure
everything complies with a desired and
authorized state.



HP UCMDB Configuration Manager

Achieve quick, concrete ROI in days or weeks using Advanced Analytics

1 Standardize IT Configurations



- Capture wasted resources
- Identify unsupported configurations
- Reduce costs and risks

2 Improve Data Quality



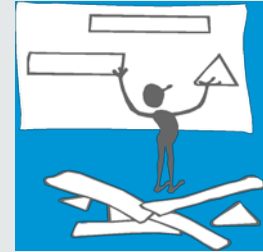
- Ensure that key information is complete
- Raise effectiveness of the consuming IT processes
- Saves money

3 Business Continuity



- Avoid single points of failure
- Geographic redundancy
- Ensure software version compatibility

4 Control Changes



- Drive changes from configuration standards
- Validate planned changes
- Detect unplanned changes and rollback as needed

Manage Compliance and Policies with HP Configuration Manager

Save costs, reduce outages and ensure high availability

Data Quality Policies

Do I have all the information I need about my services, applications and servers?

High Availability Policies

Is my production architecture resilient to single point of failures?

Similarity Policies

Do the servers in my productions look alike to those in the DR?



Standardize IT Configurations



Improve data quality



Business Continuity



Control Changes

HP UCMDB CM Demo



Q&A



More Information

Collateral & Assets:

- **Data Sheet** – [HP Universal CMDB and HP Universal CMDB Configuration Manager](#)
- **Data Sheet** – [HP Universal Discovery](#)

Social Media:

- **Twitter** – www.twitter.com/btmillerhp
- **CMS Blog** – www.hp.com/go/cmsblog

Websites:

- [HP Configuration Management System](#)
- [HP Universal Discovery](#)
- [HP Universal CMDB](#)
- [HP UCMDB Configuration Manager](#)



Thank you

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