

Realtime Federation for Extreme Database Monitoring Across Entire IT Stack

Enterprise Manager Federation

Zubair Ansari

Director
Product Management

Samir Bhagwat

Director
Development

Timothy Mooney

Director
Product Marketing



Agenda

- Enterprise Manager 13.5
- Federation Overview
- Demo
- Q&A



Edward Screven, Oracle Chief Corporate Architect Announcement

The video player displays a presentation slide for Oracle Enterprise Manager 13.5. The slide features the Oracle logo, the title 'Oracle Enterprise Manager 13c Release 5', and the subtitle 'Announcing Enterprise Manager 13.5'. A large graphic on the left shows the 'Oracle Enterprise Manager' logo with a red cloud icon. The 'What's New' section lists three key features: Hybrid Cloud Management, Ops Automation, and Extensibility, each with a corresponding icon and description.

Oracle Enterprise Manager 13c Release 5
Announcing Enterprise Manager 13.5

What's New

- Hybrid Cloud Management**
Fleet monitoring, management and data movement across entire IT estate – on-premises and in the cloud
- Ops Automation**
Enhanced automation and modernization of key management tasks
- Extensibility**
Open standards-based extensions for interoperability with 3rd party ecosystems

Copyright © 2021, Oracle and/or its affiliates. All rights reserved.

Watch later Share Info

MORE VIDEOS

3:49 / 29:38

CC HD YouTube

SUBSCRIBE

Copyright © 2021 Oracle and/or its affiliates.



Why Federation For Enterprise Manager?

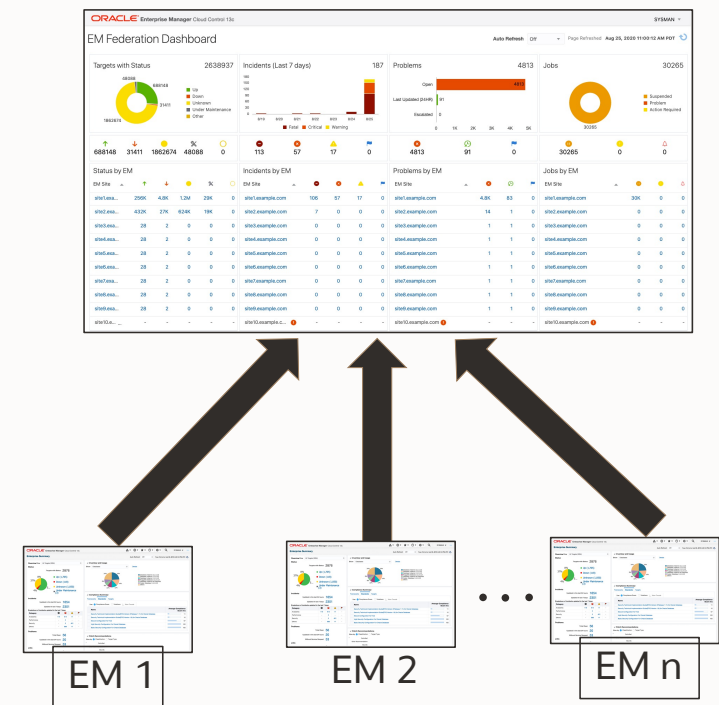
- Consolidated view of all Enterprise Manager sites
- Drill down from consolidated view into each site



Enterprise Manager (EM) Federation Dashboard Overview

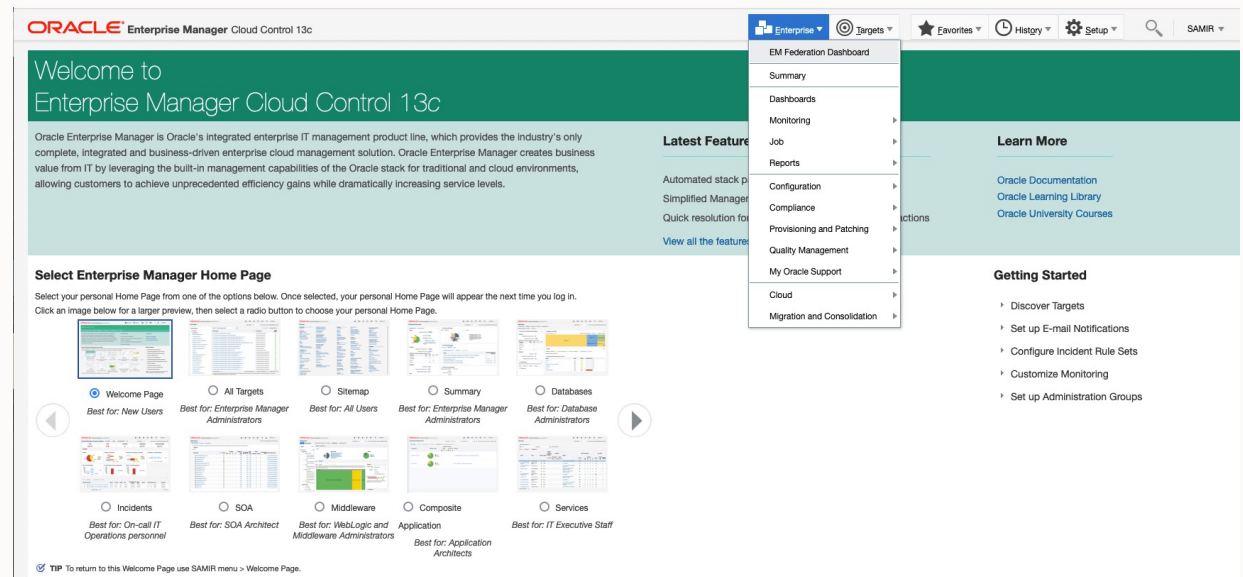
- EM Integration Federation capability
 - No plugin or software install needed
- Single pane of glass Enterprise summary across federated EMs
 - Federated Enterprise Summary
 - Federated Group summary across EMs
- Single widget summary of each area
- Individual EM Summary and Drilldown links
- Federated Totals for each category
- User privilege specific federated view across EMs

Primary EM

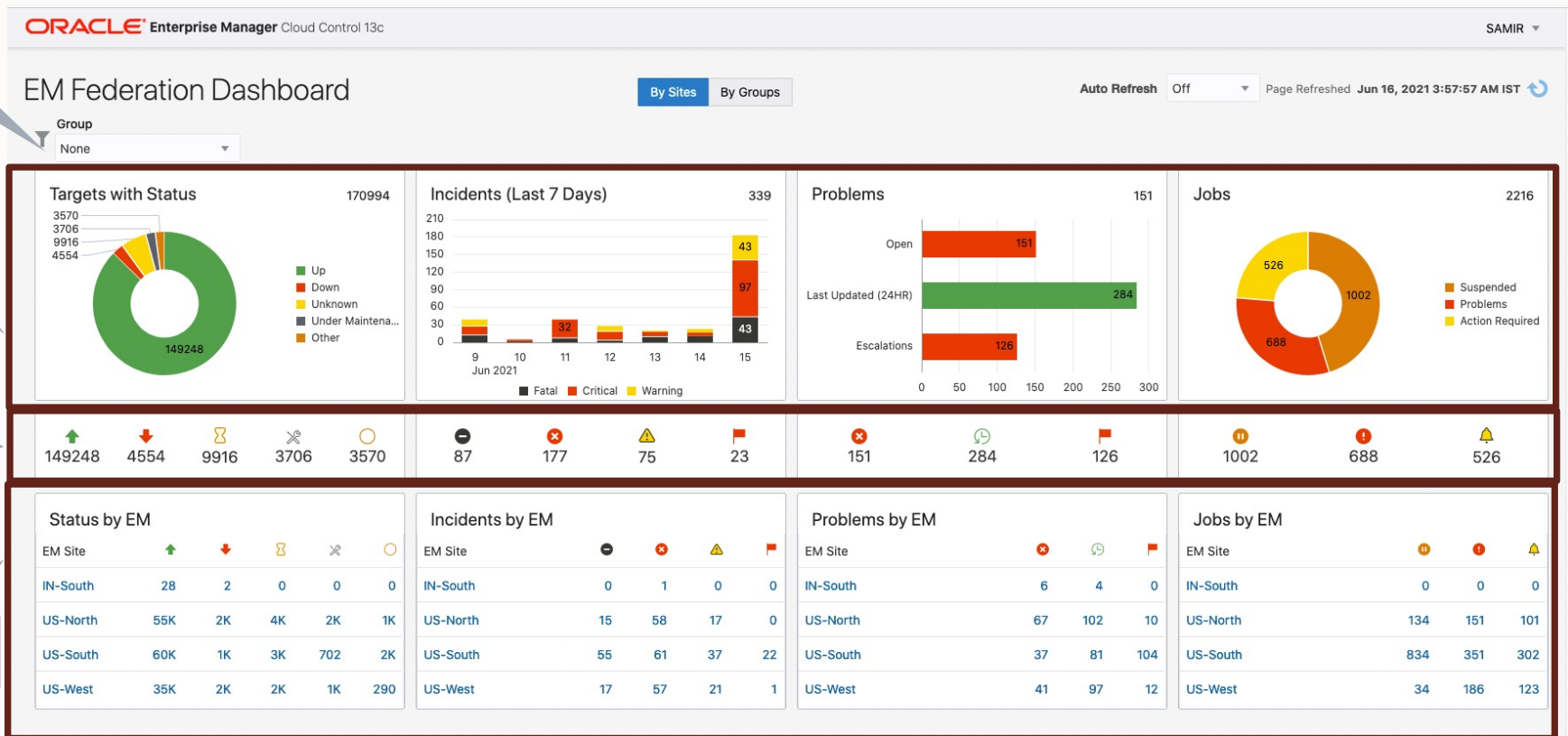


Build-it Federation Capability

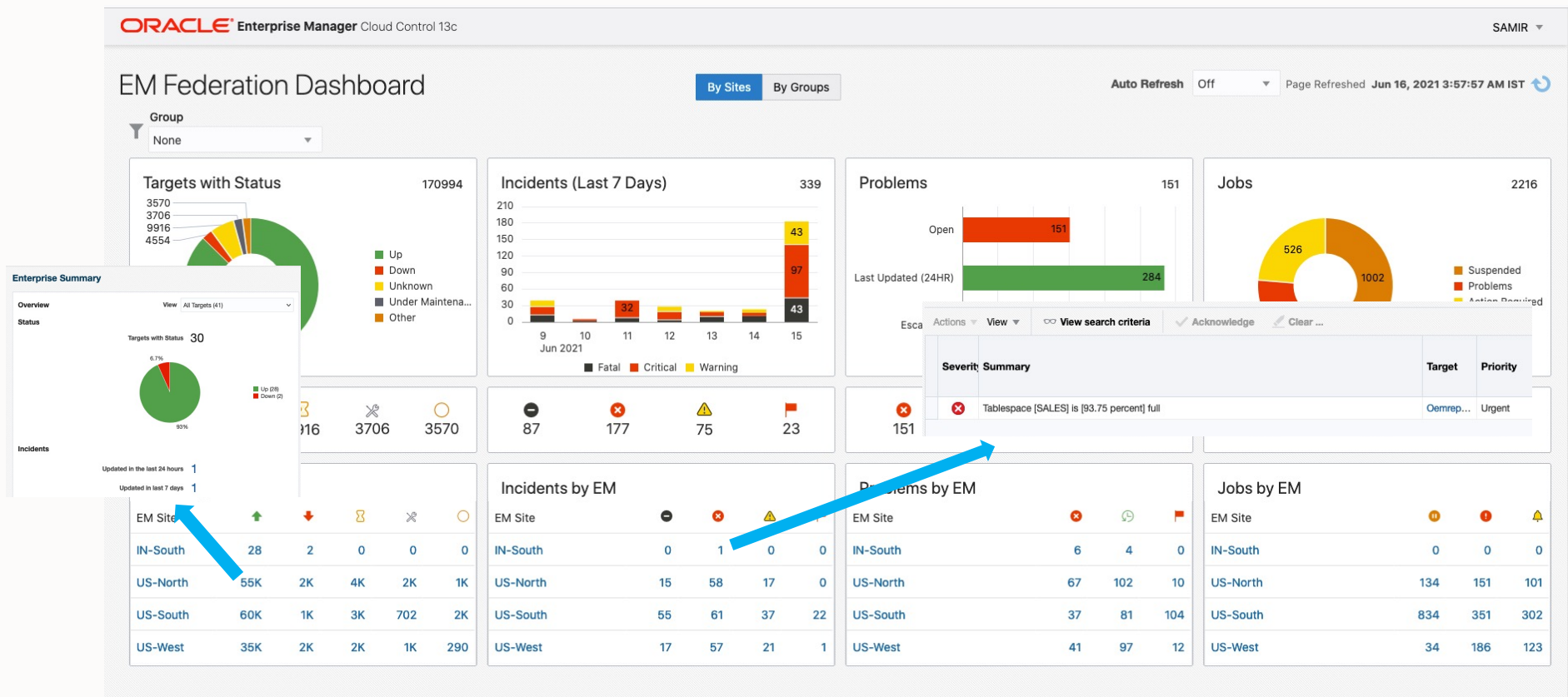
- Enable Federation one-time setup
 - Add EMs to Federation setup
- Launch EM Federation from main-menu



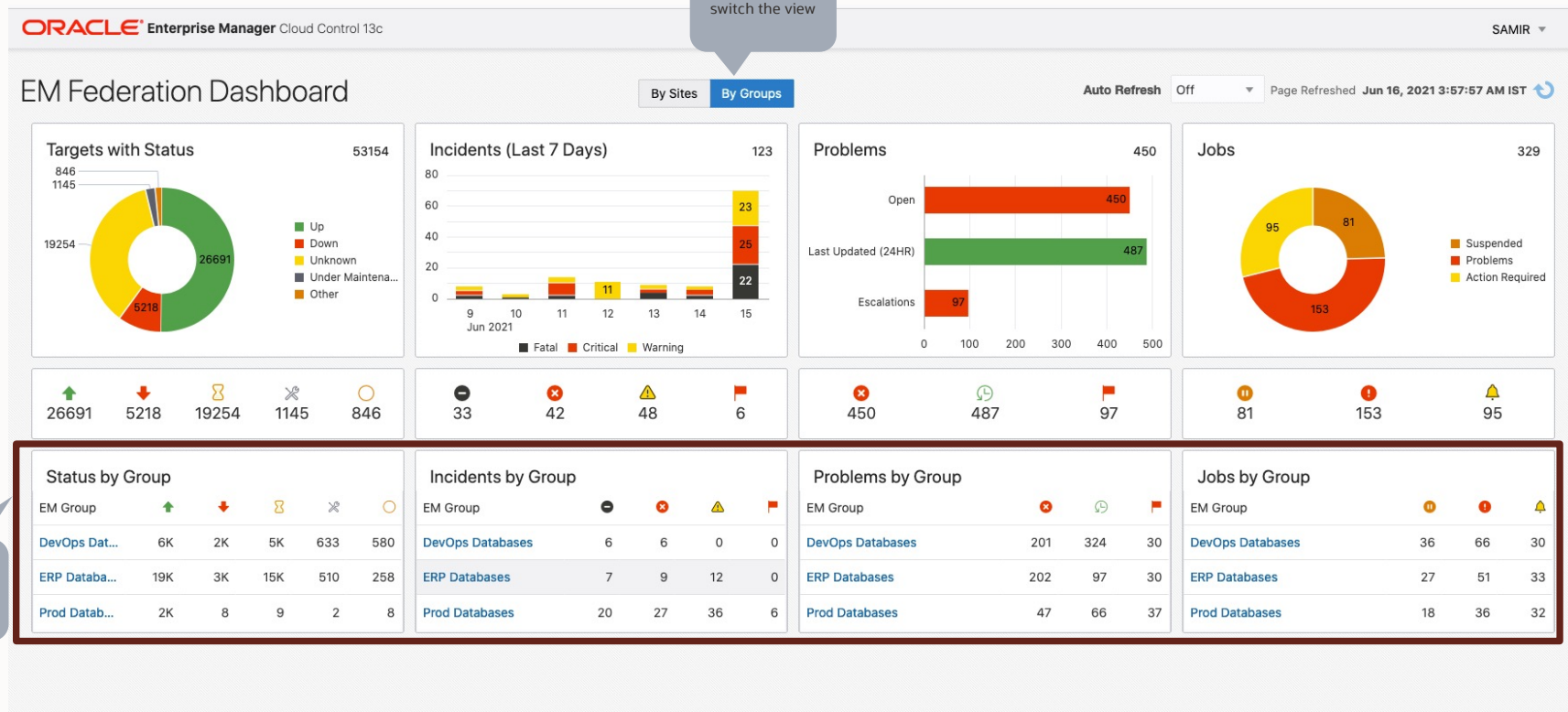
Enterprise Manager Federation Enterprise view



In-Context Drill downs and Pop-up details



Federated Group Dashboard view



How to setup Federation on EM

Select a Primary EM

Super user chooses an EM as primary EM
emctl set property -name "oracle.sysman.federation.masterEM" -value true



Select EMs to be federated

Super user defines list of federated EM instances and their URLs in primary EM (using curl command)



Import certificate

Super user imports certificates of the federated EMs for https connection
Certificate is stored in EM credential framework If common CA certificate store used then this step would not be needed



EM User specific setup

Each user configure separate credentials for the federated EMs. Credentials are stored in EM credential framework (WS API)



Live Demo

- Demo details
 - Federated Enterprise Summary across EMs
 - Groups based management
 - Managing multiple DBs groups across EMs
 - Single pane of glass view for all DB targets based on federated groups view
 - Manage and Triage
 - Drill down in-context into an DB incident on specific EM from Federation
 - Drill down in-context DB status details
 - Federated RBAC
 - Federation honors and maintains all existing EM level RBAC
 - Adding new EM to Federation



Questions

More information:

[Oracle.com/enterprisemanager](https://www.oracle.com/enterprisemanager)



For More Information on Federation and Enterprise Manager

Blogs

- [Announcing Oracle Enterprise Manager 13.5](#)
- Realtime Federation for Extreme Database Monitoring Across Entire IT Stack [Coming Soon!]

Social Media

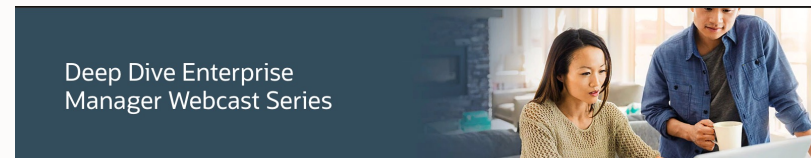
- [Oracle Enterprise Manager Demo Series](#) (Youtube)
- https://twitter.com/Oracle_Mgmt

Web

- [Enterprise Manager Federation documentation](#)
- [Oracle.com/enterprise-manager](https://oracle.com/enterprise-manager)

Enterprise Manager Deep Dive Series

- [Webinars and workshops](#)



Deep Dive Enterprise Manager Webcast Series

Webinars

Each webinar provides DBAs and IT administrators a first-hand view of how to automate common database and IT operations use cases using Enterprise Manager. Once the use case is seen in the webinar, users can gain personal, hands-on experience in the associated workshops.

Workshops

Each workshop includes step-by-step guidance designed to leave the practitioner with a how-to understanding of the features described.

WebcastsWorkshops

Announcing Oracle Enterprise Manager 13c Release 5

Join Edward Screven, Oracle's Chief Corporate Architect, and Mughees Minhas, Oracle's Vice President of Product Management, to learn about the new capabilities in Oracle Enterprise Manager 13c Release 5.

Topics of discussion for this webcast will include:

- Hybrid Cloud Management: Fleet monitoring, management and data movement across the entire IT estate – on-premises and in the cloud including Exadata Cloud@Customer, Exadata Cloud Service, Oracle Dedicated Region Cloud@Customer, Autonomous Database, and Oracle Databases deployed elsewhere
- Ops Automation: Enhanced automation and modernization with smart performance analytics, dynamic runbooks, database provisioning, patching, security, and compliance
- Extensibility: Open standards-based extensions for interoperability with 3rd-party ecosystems with REST APIs, custom dashboards, and mobile app

[Register now](#)



ORACLE

