

Expertise Centers EMEA
Advanced Customer Support

Oracle Fusion Middleware **NEWSLETTER**

March 2016



Purpose



The purpose of the Fusion Middleware Newsletter is to inform **Junta de Andalucía** about the status of the Fusion Middleware products, such as Patch Set Updates, News, Events, Press Releases, including the current status of the active Service Requests.

The newsletter is keeping **Junta de Andalucía** informed about the latest activities around Fusion Middleware products for a right level of visibility regarding these products. Staying up-to-date with the latest Oracle Fusion Middleware news is of great importance and allows better insight into the future planning related to your current environment.

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Distribution

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News & Product Updates

[Oracle Enterprise Manager 13c: New and Exciting Features](#)

Our first goal in this release has been to make monitoring cloud scale and resilient. Oracle Enterprise Manager today is the nerve center of IT operations among thousands of enterprises, our very own public cloud operations being one among them. Millions of assets in Oracle's SaaS and PaaS public cloud operations are managed by Enterprise Manager round the clock, which requires that Oracle Cloud's own Oracle Enterprise Manager instance stays up and running during unplanned and planned downtime windows.

[Read the complete article here.](#)

[New Advanced Management Console](#)

Now available is Java Advanced Management Console 2.2! It enables system administrators to easily identify web based Java applications and Java Runtime Environment (JRE) versions across company systems.

This new version streamlines Java usage across client endpoints for large organizations. The two main improvements are:

- Support for zero-configuration endpoints to better handle cases of multi-user systems and walk-up terminals.
- Simplify the certificates used by endpoints to verify the Deployment Rule Set.

It provides usage tracking and tools for controlling compatibility and availability of current and older Java installations through deployment rule sets.

[Introducing WLS JMS Multi-tenancy](#)

Multi-tenancy (MT) is the main theme of the WebLogic Server 12.2.1 release. It enhances the Oracle Platform for Software-as-a-Service (SaaS) and Platform-as-a-Service (PaaS) use cases. The main benefits of WebLogic multi-tenancy are increased density, tenant isolation, and simplified cloud configuration and management.

[Read the complete article here.](#)

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Support Activity

N/A

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Blogosphere

[JDev 12.2.1: Remote Task Flows in Action](#)

By Juergen kress on Feb 18, 2016

The new JDeveloper version 12.2.1 is just out and has a lot of new features to investigate. In this post we see how remote task flows work. Yes, they are finally here and they are working. At least if you install a patch available from support.oracle.com.

The downloadable version on JDev 12.2.1 has a small bug which prevents you from running remote task flows (refer to <https://community.oracle.com/thread/3816032>). Support and the dev team quickly delivered a patch for this. To get the patch, open a service request and ask for a patch for bug 22132843.

[WebLogic application server compatible with Java EE 7](#)

By Juergen kress on Feb 10, 2016

When it was released last October, Weblogic 12.1.3 had already begun supporting some of the key Java EE 7 APIs. Now advocate Reza Rahman has announced that version 12.2.1 of the Oracle application server is fully certified for Java EE

7.

The number of servers compatible with Java EE 7 has just risen to a total of six. The Aquarium Blog has [announced](#) that [WebLogic 12.2.1](#) will join IBM WebSphere Application Server Version 8.5.5.6 (Liberty Profile), GlassFish Server Open Source Edition 4.0, TMAX JEUS 8, Wildfly 8.x and Hitachi Cosminexus Application Server v10.0.

[WebLogic Server 12.2.1: Elastic Cluster Scaling](#)

By Steve Button on Feb 17, 2016

WebLogic Server 12.2.1 added support for the elastic scaling of dynamic clusters:

<http://docs.oracle.com/middleware/1221/wls/ELAST/overview.htm#ELAST529>

Elasticity allows you to configure elastic scaling for a dynamic cluster based on either of the following:

- *Manually adding or removing a running dynamic server instance from an active dynamic cluster. This is called on-demand scaling. You can perform on-demand scaling using the Fusion Middleware component of Enterprise Manager, the WebLogic Server Administration Console, or the WebLogic Scripting Tool (WLST).*
- *Establishing policies that set the conditions under which a dynamic cluster should be scaled up or down and actions that define the scaling operations themselves. When the conditions defined in the scaling policy occur, the corresponding scaling action is triggered automatically.*

To see this in action, a set of video demonstrations have been added to the [youtube.com/OracleWebLogic](https://www.youtube.com/OracleWebLogic) channel that show the use of various elastic scaling options available.

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Live Webcasts

March 23, 2016
3:30 PM – 4:30 PM ET

[Performance Architects Presents: How to Successfully Implement Oracle BI Cloud Service](#)

Unless you've been hiding under a rock, you've probably heard about Oracle's "pivot to the cloud." One of Oracle's more recent cloud product offerings is Oracle BI Cloud Service (BICS). Are you an existing Oracle Business Intelligence (OBIEE or BI Foundation) or Oracle ERP customer and wondering how your BI environment would move to the cloud or if you can operate in a hybrid on-premise/cloud environment? Are you considering a new BI deployment and wondering how BICS compares with some of the other BI solutions out there? Have hear about Visual Analyzer wonder where it fits in? Are you concerned about data integration and security and are you wondering how to address this in a cloud environment? If you can answer "yes" to any or all of these questions, this session is for you! Join the Performance Architects team to learn how you can deploy BICS in your environment successfully, no matter how your current environment is set up.

Have questions? Email us at communications@performancearchitects.com.



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YouTube Videos

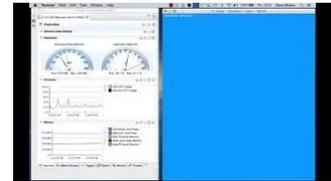
[WebLogic Server 12.2.1 - Converting Domains to Partitions](#)

This video demonstrates the process from converting an existing WebLogic Server domain into a partition running with the WebLogic Server 12.2.1 Multitenant option.



[WebLogic Server 12.2.1 - Automated Elastic Cluster Scaling](#)

This demonstration of the elastic cluster scaling features of WebLogic Server 12.2.1 shows how to configure an environment that can automatically scale up and down based on the load that the cluster is experiencing. The WebLogic Administration Console is used to create two policies and actions that elastically scale the cluster based on the memory being utilized by the members of the cluster. A new managed server instance is created and started when memory use is increased. A managed server instance is shutdown when the memory use is subsequently decreased.



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Featured Customers



[Accurate Boosts Performance with Oracle's SOA Platform](#)

Company: Accurate

Find out how Oracle's SOA platform, SOA Suite, BPM, and DM solutions are helping Accurate to offer better reliability for big corporations to ensure growth and performance while safely integrating commercial transactions no matter what the volume.

[Mythics Improves Customer Engagement with Oracle Cloud](#)

Company: Mythics

Learn how Mythics is automating manual processes and improving time to service with Oracle Process Cloud Service and Oracle Documents Cloud Service. This allows them to deliver more accurate & timely information and improving customer engagement.



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Press Releases



[Oracle Delivers 10x Performance Improvement in Cloud Network Infrastructure](#)

New Oracle InfiniBand Network Fabric Transforms the Delivery of Business-Critical Applications in the Cloud.

Extending its commitment to helping organizations embrace cloud infrastructure, Oracle today announced Oracle Enhanced Data Rate (EDR) InfiniBand Fabric. The new software-defined networking-enabled, 100 GB/s converged fabric enables enterprise customers to securely accelerate application performance in order to quickly respond to changing business demands. These capabilities also provide the basis for future generations of highly converged Engineered Systems.

“Enterprise customers deploying business-critical applications in the cloud require software-defined, high-performance network infrastructure that can respond to changing business demands in real time,” said Brad Casemore, director of research for datacenter networking at IDC. “With optimizations for Oracle’s application software integrated into its InfiniBand network-fabric silicon and switches, Oracle is delivering a comprehensive stack of integrated software and infrastructure—including the underlying network fabric—so that enterprise customers can readily embrace cloud computing.”

Oracle’s EDR InfiniBand Fabric enables organizations to successfully deploy business-critical applications in the cloud by improving network performance, efficiency and security. Built on open standards, the new solution will help customers accelerate application performance on key Oracle, third party, and user-developed enterprise workloads, including transaction processing, and makes it possible for enterprises to dramatically improve response times in network-facing applications.

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Learn More

[ADF Performance Monitor: New Whitepaper](#)

The AMIS ADF Performance Monitor is an application performance management tool (APM) tool that really understands Oracle ADF applications. Web applications often contain frustrating blind spots and mysterious, recurring problems that are often difficult to identify, diagnose, and fix. The ADF Performance Monitor helps enterprises by delivering insight into real end-user experiences. It helps development, QA teams and administrators detect, analyze and resolve common and less common issues in response times and resource usage of ADF applications. This blog publishes [a new whitepaper](#) that gives detailed information about the architecture and implementation of the ADF Performance Monitor.

[Next Generation IDaaS: Moving From Tactical to Strategic](#)

First generation Identity as a Service (IDaaS) was a fashion statement that’s on its way out. It was cool while it lasted. And it capitalized on some really important business needs. But it attempted to apply a tactical fix to a strategic problem.

We all know by now that the world has changed. The way we secure information assets today barely resembles the approaches of last decade. When I hear security marketers still talking about ‘erosion of the perimeter’, I cringe. The perimeter is long gone. If employees have access to data, it’s already on their mobile devices and it’s being shared via cloud services. Outsiders are in and insiders are out; that debate is long over. But we’re still in the infancy of solving the bigger problem which is addressing the security needs of next generation businesses. [Read the complete article here.](#)

[Down to Earth Microservices and Java EE!](#)

Not sure whether microservices make sense for your project? Will a microservices architecture improve the performance and scalability of your project? In the [Down to Earth Microservices with Java EE](#) session, Reza Rahman looks beyond the buzz and gives you a concrete approach to microservices that will help you think about how to implement them.

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Upcoming Events

April 20, 2016
9:30 AM - 2:00 PM

London,
United Kingdom

[Experience hands-on how Oracle Big Data Discovery unlocks your Data Capital!](#)

Big Data is at the heart of today's digital economy. Rapidly understanding and harnessing this Data Capital is key to remaining competitive.

Join this hands-on workshop in order to understand how to:

- Easily find and explore big data to understand its potential.
- Quickly transform and enrich big data to make it better.
- Intuitively discover new insights and share the value.
- Utilise more of your organisations existing analytic talent.
- Leverage the power of Hadoop & turn raw data into business insight in minutes - without learning complex products or relying on highly skilled resources.

Who should attend:

This workshop is aimed at Business Analysts, CDOs, BI Leads, IM Architects and others outside of IT in the business wishing to understand how to best exploit their Big Data.

A Big Data Discovery Hands-on Workshop

"Transform raw data into Insight fast"



[Find an Oracle Event Near You](#)

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