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| Title | **Oracle Cloud Application Foundation Demo [CAF]**ORCL1401\_CAF -  |
| **Version** | **2014-01-24 (627 Words)** |
| **Scene 01** | **Introduction** |
|  | Global Corp is a leading provider of automotive systems, including navigation, emergency services and vehicle connectivity. The company is expanding its application offerings in order to provide new services to customers and take advantage of anticipated mobile device growth. |
| **Scene 02** | **The Challenge** |
|  | Corporations such as Global Corp have many new and expanding applications that they want to host in the cloud or make more mobile friendly. These initiatives have robust - and growing - requirements when it comes to their technology partners:• New or expanded applications need to tie in with existing systems• They should be standards-based for maximum flexibility and portability• They must provide real-time data and updates to their customers• Scalability is a top priority to adjust to varying user demand |
| **Scene 03** | **The Requirements** |
|  |  Global Corp’s development team knows that they must base their applications on industry standards. They've decided to build an app easily accessible by multiple client forms - including the vehicle clients - so they're building an HTML5/JavaScript interface using open standard technologies such as WebSockets, RESTful services and JSON with APIs, tying into the existing private cloud infrastructure. Their goal is to provide real-time interaction with customers' vehicles, mobile applications and web apps. |
| **Scene 04** | **The Solution** |
|  | GlobalCorp utilizes Oracle WebLogic server and Oracle Coherence because of their tight database integration and dynamic, managed server capabilities. Knowing that navigation, routing and other information must be delivered in real time, the team utilizes Oracle Coherence's out-of-the-box integration with Oracle GoldenGate to deliver always-accurate information to application clients.With Oracle WebLogic and Oracle Coherence as the target platforms for their initiative, the development organization approaches the Operations team with their recommendations. |
| **Scene 05** | **Expansion** |
|  |  Since the Ops team is already utilizing Oracle Enterprise Manager to manage their infrastructure, they know it will be simple to expand the footprint of the existing technologies to meet application and quality of service requirements. The dynamic clustering and self-service capabilities included in these Oracle Cloud Application Foundation products provide a differentiating solution for the Operations team.Once the Oracle WebLogic and Oracle Coherence infrastructure is in place, the dev team delivers the final build and deploys it using the standard Oracle WebLogic and Oracle Enterprise Manager mechanisms. With just a few clicks, the application is available for customer use on-time and on-budget. |
| **Scene 06** | **Scalability** |
|  | After six months, all indicators show that the popular application is being utilized heavily, but by more customers than expected. To prevent customers from experiencing slow responses the Operations Manager wants to increase the capacity of his infrastructure to accommodate the growing demands. Thankfully, Oracle Cloud Application Foundation’s dynamic technologies are easy to scale.Using Oracle Enterprise Manager, the Operations Manager sees that his Oracle WebLogic and Oracle Coherence clusters are approaching capacity. He's easily able to increase his instances of Oracle WebLogic from 8 to 12 with just a few clicks, thanks to the dynamic cluster capability in Oracle WebLogic Server 12c. |
| **Scene 07** | **Availability** |
|  | The Operations Manager now wants to proactively guard against any data failures or availability issues for this mission-critical application. With Oracle Coherence's multi-data center capabilities, he notes that Oracle Coherence is keeping his data highly available and easily recoverable in the event of a failure. Further, he notes that Oracle WebLogic's Active GridLink for RAC feature ensures that the application server will have constant data availability and failover in the event of a site failure. He's satisfied his customers will experience high performance and continuous application availability. |
| **Scene 08** | **Conclusion** |
|  | With the ease of use of mobile and desktop applications, along with the real-time processing infrastructure provided by Oracle Cloud Application Foundation, GlobalCorp customers' expectations are not only met, but exceeded. With Oracle Cloud Application Foundation products, both Operations and Development staff of GlobalCorp are able to function in an agile, self-service environment. Paired together, these solutions give companies and their customers the green light for success. |
| **END** |  |