






Driver Declaration











CURRENT STAGE: EUMN

Payroll
CATEGORY


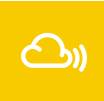

First application description here

 <ul style="list-style-type: none"> • WEB <p>APPLICATION TYPE</p>	 <ul style="list-style-type: none"> • Java/J2EE • Microsoft .NET • Others <p>PLATFORM</p>	 <ul style="list-style-type: none"> • None <p>DATABASE</p>	 <ul style="list-style-type: none"> • Windows • Linux <p>OS</p>	 <ul style="list-style-type: none"> • 32 bit x86 based • 64 bit Vendor Specific <p>H/W ARCH.</p>
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Other Attributes

 <p>Performance and Availability Service Level</p>	 <p>Less than 1,000 Number of Users</p>
 <p>Mission Critical Business Classification</p>	 <p>International Geographic Scope</p>
 <p>Internal Support Business Relevance</p>	 <p>Data Residency AND Processing must be in-country National Jurisdiction Requirements</p>
 <p>Can be placed in approved public datacenter. Data Confidentiality Requirement</p>	 <p>Mixed (Physical + Virtual) Current Implementation</p>
 <p>Unpredictable and fluctuating Workload Quality Profile</p>	 <p>Service Oriented Architecture Extensibility</p>

Decision Factory Outcome

 <p>Modernise DISPOSITION</p>	 <p>Public CLOUD</p>	 <p>Cloud Foundry PLATFORM</p>
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Reasons and Key Contributing Factors

The above recommendation was made based on the following contributing factors:

- Artifax Event's application data is defined as being able to be placed outside the company's enterprise firewall and having no national jurisdiction restrictions attributing to the selection of a secure public cloud to host the application.
- Artifax Event does not have stringent Data Confidentiality requirements and such applications are normally are good fit for secure public cloud deployment.
- Artifax Event is Mission Critical and demands a high degree of availability. If such applications are developed using standard technology stack with least customisation, it's recommended to deploy such applications on secure public cloud to benefit from the economies of scale and less time to provision hardware resources as and when application demands.

Although this is true in the context of IaaS there are further advantages when deploying an application to a cloud Cloud foundry Foundry PaaS. If we are recommending a PaaS service then the economies of scale of the underlying IaaS environment are obvious and can be leveraged to ensure that the PaaS has enough resources available at any given time so that ALL applications can run optimally and ensure high availability. Additionally by defining the PaaS to be split across multiple regions / availability zones of a host Public IaaS provider, failure points are eliminated.

resources from time to time. Its scalability requirement is also defined to be high. Provisioning additional hardware resources is very easily performed in public cloud as compared to private clouds which operate under a capacity ceiling.

Further by migrating the application to an Atos Cloud Foundry platform, the costs associated with adding more resources when demand fluctuates is significantly less using a containerized approach rather than having to deploy individual virtual machines. Additionally the speed associated with deploying new ACF resources is significantly higher faster and is measured in seconds / minutes rather than minutes/hours. The reverse is true when demand lessens.

ACF has the ability to port between cloud platforms (no vendor lock-in) and if such situation arises in future, public cloud platform can be switched easily to private cloud platform and vice versa.

- Artifax Event has Contracted SLA for both Performance and Availability. Such SLA's can be ensured by deploying the application in multiple regions and/or availability zones featured by public cloud providers.

In addition, the Atos Cloud Foundry provides system level monitoring with Nagios, Pingdom and StatusPage for better performance tracking.

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