



Business Analytics on Cloud

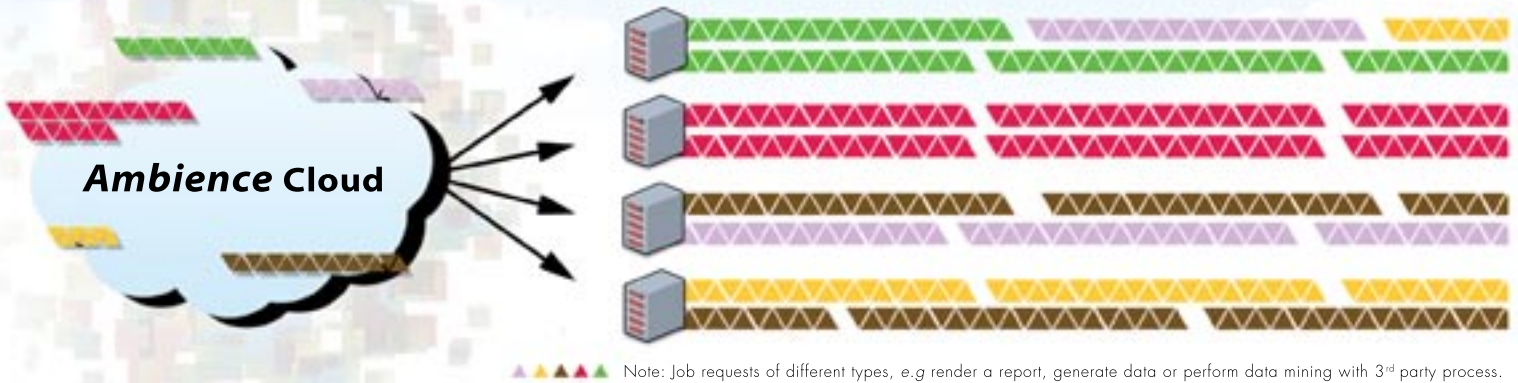
Elixir Ambience combines Business Intelligence with Cloud Computing to provide scalable utility computing power for demanding Business Analytics applications. With its underlying multi-process architecture, it scales effortlessly across commodity hardware, with full control of the individual system processes. Designed for multi-tenant deployment, a single setup can support any number of customers where each customer group has its own virtual domain securely separated from the rest. To enable SaaS offering, fine-grain system usage metering control is provided to allow flexibility in charging model.

Multiple Cloud Platform Deployment

Built to be pluggable, the system can be deployed to a Public Cloud as well as a Private Cloud with the necessary components bundled. Packaged with a full suite of Business Intelligence components, Elixir Ambience presents a comprehensive & extensible Cloud-based Business Analytics Platform that is ready to power the next-generation Business Analytics applications.

- On-Demand Utility Model for providing Business Intelligence on Cloud.
- Elastic Computing with Multi-Tenant Domain Control and Multi-Server Dynamic Scalability.
- Pluggable Component Architecture to enable Private or Public Cloud Implementation.
- Leverage well-proven Open Source and Standard-Based Components for Lower Total Cost of Ownership.

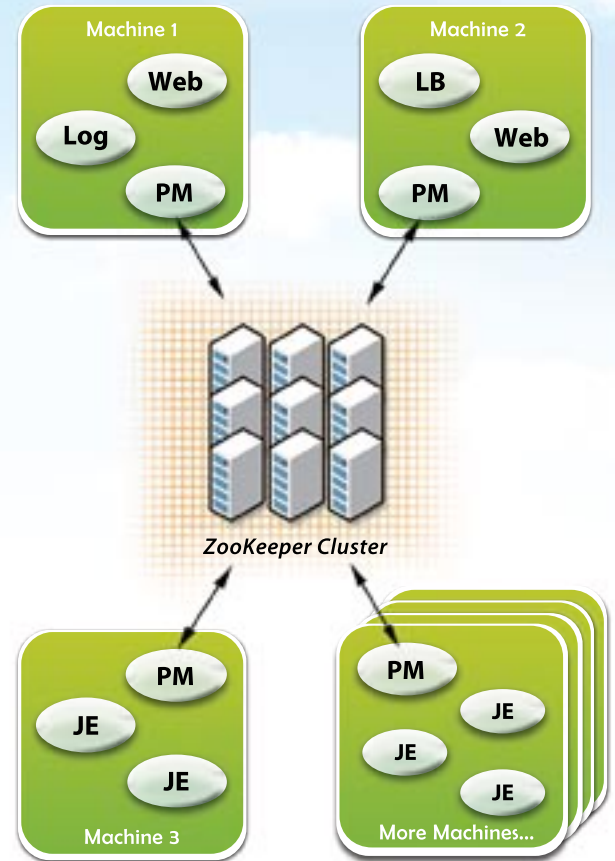
Multi-Tenant and Multi-Server Scalability



- **Scalable:** Add capacity just by adding more machines with commodity hardware.
- **Modular and Extensible:** Add components to different machines as needed, including 3rd party components.
- **Partitioned:** Multiple customers or projects on one deployment with metering control for utility charging.

Open Architecture with Pluggable Components

- **Distributed Configuration:** Uses Apache ZooKeeper™ (a subproject of Apache Hadoop™) for clustering to keep track of the heartbeat of each process, e.g. license, session management, job queues.
- **Standard-Based Repository:** Uses Apache JackRabbit™, a Java Content Repository standard for multi-tenant support with versioning and search functionality.
- **Process Management:** Monitors ZooKeeper configuration to control spawning of processes across multiple machines, while ZooKeeper monitors the Process Managers to eliminate single point of failure.
- **Logging:** Centralized logging access with each process having its own unique log.



PM: Process Manager LB: Load Balancer JE: Job Engine



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