

Introduction:

With the advent of cloud computing, anyone, at any given place can now perform development and testing unlike in traditional modes. One can also perform coding, cooperation, debugging, testing, deploying, and running in the cloud. Simply enough, cloud computing has radically eliminated the testing limitations of physical resources.

Self-service rental of software and hardware resources

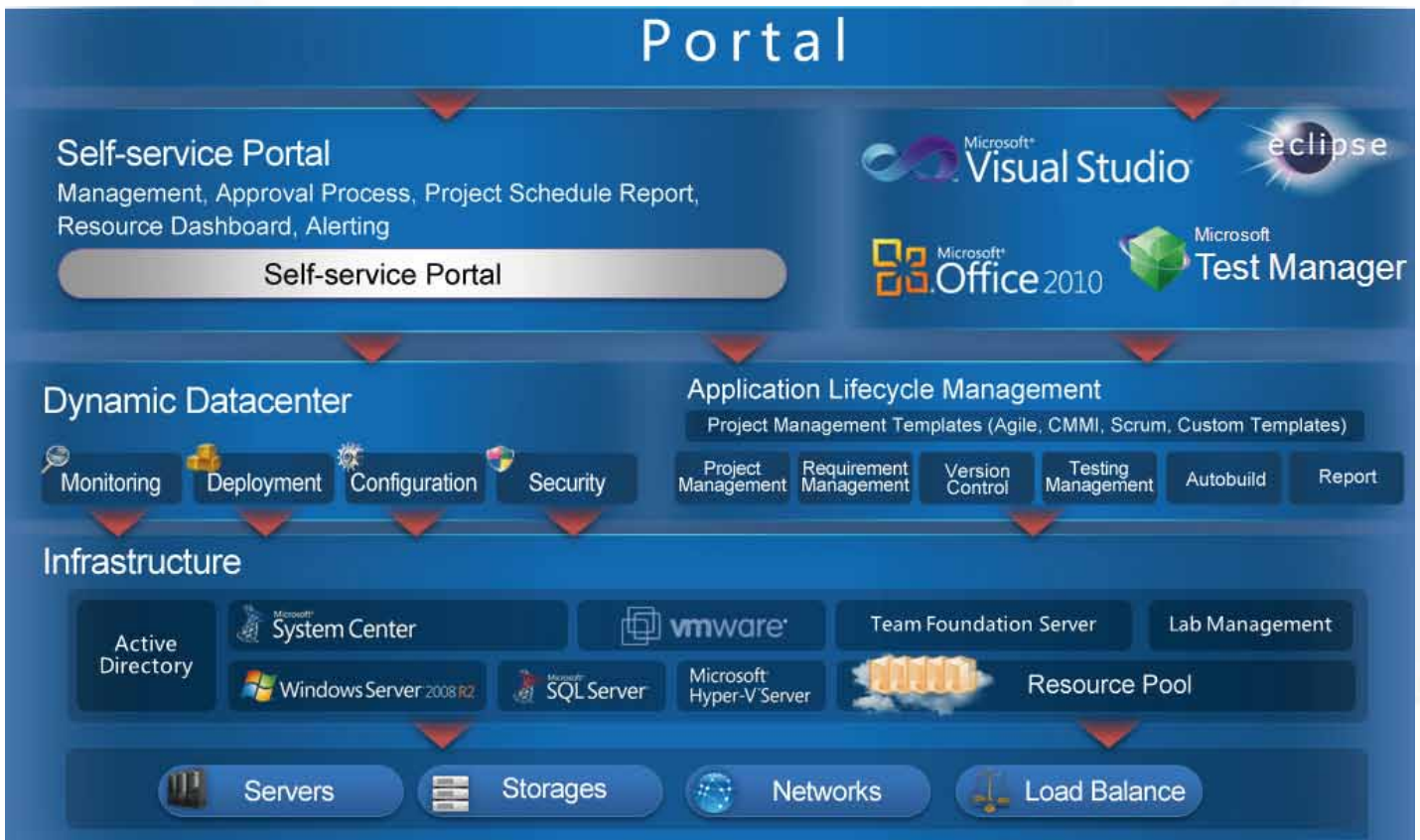


Beyondsoft DevTest Cloud

Standardized process management of software development lifecycle

Beyondsoft offers end-to-end development and testing cloud computing solution. Its infrastructure has high compatibility and simple deployment that supports virtualization platforms like Microsoft Hyper-V and VMware, and also supports multiple development and testing tools.

System Architecture:



Screenshots:



Value:



1 Self-Service

Users self-create and configure development and testing environments in the DevTest Cloud. Computing resource can be supplied with flexibility without complex approvals, which will be released back to the resource pool to avoid waste when it's no longer needed.



2 Lifecycle Management

DevTest Cloud integrates software development modes like CMMI, Agile, and Scrum; integrates configuration management such as source code, bug library, and test case management. It enables R&D managers to control the project process and configuration management easily.



3 Cost Control

DevTest Cloud enables the management to track and control the resources precisely. It helps to effectively save hardware resources, standardize the development process, reduce project costs, and improve its efficiency.



4 Data Protection

All the codes and documents are saved in the DevTest Cloud. IT administrators can prohibit copying and downloading, so as to better protect IPR.

Typical Customers:

I. Industrial Park

Purchased hardware devices, formed computing resource pool, and built cloud platform by Beyondsoft DevTest Cloud solutions.

1. **Value Added:** Creates considerable service income for Industry Park.
2. **Industrial Upgrading:** Adopts a leasing model to help SME grow and accelerate the industrial upgrading.
3. **Energy Saving and Emission Reduction:** Cloud centralized resources management achieves sustainable IT targets to promote the enterprise image.

II. Large Enterprises

A standard, independent, and safe DevTest environment is vital to large enterprises to help minimize the effects of development and testing on the production environment

1. **Standard:** Beyondsoft DevTest Cloud offers full processes of approval, control, and monitoring which helps enterprises control code safety and comply with relevant development and testing standards, even if the project was outsourced to a third party.
2. **Safety and Independence:** Beyondsoft DevTest Cloud isolates the DevTest environment from the production environment to meet the requirements of development and testing, and not interfere with the normal operation of production environment.

III. Independent Software Vendor (ISV)

In the face of fierce market competition, ISVs need to consider how to effectively control software version, how to accelerate software release, and how to ensure the technologies are sustainable.

1. **Version Control:** DevTest Cloud helps enterprises integrate and control the versions, codes and processes, so as to simplify environment building and speed up the application deployment.
2. **Maximized Resources:** The cloud controls and makes full use of hardware and software resources, reduces procurement costs, and offers extra expansibility.
3. **Knowledge Imparting:** A Beyondsoft DevTest Cloud solution offers flexible trainings on DevTest Cloud and the latest technologies, as well as the latest processes of software development and testing to enhance its overall competitiveness.