PLATINA

Benefits for Software Delivery

Benefits

- Ease development burden
- Increase infrastructure flexibility
- Improve deployment performance
- Simplify post-installation operations

What Does Platina Do?

Platina Systems provides solutions to ease the deployment and operations of clusters implemented with traditional siloed compute, storage and networking infrastructure. In doing so, Platina customers can focus on application development and minimize the operational efforts to manage the clusters hosting those applications, enjoying modern infrastructure such as bare metal, Kubernetes and software defined storage within their own private cloud environment. Platina's solution consists of a scalable, centralized management system which orchestrates cluster resources, and a hardware appliance that serves as the central coordination point for compute and storage resources in the cluster.

Software Delivery

While SaaS consumption of enterprise application software continues to grow in popularity, especially for SMBs, large enterprises continue to deploy on-premises software for security, privacy and cost. This can pose challenges for smaller software publishers or independent software vendors (ISVs); for these publishers, SaaS offerings have the benefit of an environment that is well understood and controlled by the publisher, simplifying development and test, and making consumption of the service independent of the customer's environment. In contrast, software deployed on-premises on the customer's infrastructure requires a significant amount of additional development and test effort.

Additionally, teams to plan, install and maintain these deployments are necessary. Finally, deployments on foreign target environment requires comprehension of dependencies to ensure correctness. Since every environment is unique, oversights during manual deployments are common. Platina provides a consistent target environment and a single pane of glass for management.

Benefits

Ease development burden

Platina enables publishers to focus on the application rather than deployment. Deploying on-prem software requires allocating additional budgets for development, test and deployment for on-premises software adds time for validation and costs millions of dollars annually. Platina can reduce these burdens by automating infrastructure discovery, provisioning and enforcement policy.

Increase infrastructure flexibility

Customers have their preferences for suppliers of compute and storage infrastructure which typically becomes diverse over time. Platina manages heterogeneous vendor environments, enabling high infrastructure re-use while ensuring deployment requirements (versions, dependencies) are met.

Improve deployment performance

Deployment often requires multiple steps to correctly prepare and configure compute, storage and networking, typically spanning cross functional teams. For complex software, the subsequent installation, even on correctly configured infrastructure can take many hours. Any mis-steps require starting from scratch in addition to troubleshooting and remediation. Platina's cluster abstraction manages intra-cluster requirements, reducing delays incurred by coordination across customer IT. By enforcing policies, Platina can ensure dependencies, including compatibility, run-time and services are sufficiently met.

Simplify post-installation operations

Hardware and software environments are dynamic. Post installation the application and environment require lifecycle management. Along with the changing environment, operations such as scaling, updates need to be supported. Platina automates   inventory/asset discovery and continues to enforce policies across configuration files, software components, registry files, and other dependencies to ensure correctness.