Dell Digital, Dell Technologies IT Organization, transformed its development infrastructure with VMware Tanzu cloud-native solutions and modernized applications by building them in modular micro-services. Developers now have more time for innovation and can respond to business requests with more speed and flexibility.

Improved Page Loading Time
The team redesigned the application using human-centered design, leveraging Dell’s agile cloud-native framework, Tanzu, and enabling continuous integration and deployment practices.

Dell.com Traffic Using Tanzu Apps
Currently, Dell Digital estimates that 60 percent of the traffic on Dell.com uses apps that are written in Tanzu Application Service and housed in Dell’s private cloud.

Dell Digital and Tanzu: By the Numbers

Business Results:

- **Quicker Development Cycles**: On average, users using VMware Tanzu saw application development cycles compress by 85 percent.

- **Cloud-Native Approach**: Leveraging a cloud-native environment and approach, Dell Digital is able to streamline management.

- **Zero Downtime, Less Management Time**: Tanzu automation and orchestration has enabled support of 6,000 developers with only 20 people. Dell Digital can easily scale infrastructure and execute upgrades with zero downtime for developers.

- **Increased Feature Launches**: The Dell.com team has improved the customer shopping experience by increasing feature launches from 8-10 to 55 a year.

"With a few clicks, developers provision resources, elect cloud features on demand or move applications across on-prem and public cloud without changing applications."

"Raj Markala, Director IT Infrastructure, Dell Digital"

Dell Digital and Tanzu: By the Numbers

- **25 Kubernetes Pods**
- **28,000 Tanzu Application Services Foundations**
- **71,000 Tanzu Application Services Containers**
- **7,500 Micro-services In Production**
- **6 Data Centers Deployed**
- **24/7 Availability**

"20-person IT team manages infrastructure for 6,000 developers"