F5 Distributed Cloud
Edge Computing with XC App Stack

Simplification of Edge Fleet Management and Operations

Simplification of Edge Fleet Management and Operations SaaS-based deployment and lifecycle management of hardware and infrastructure software allows customers to focus on application software development.
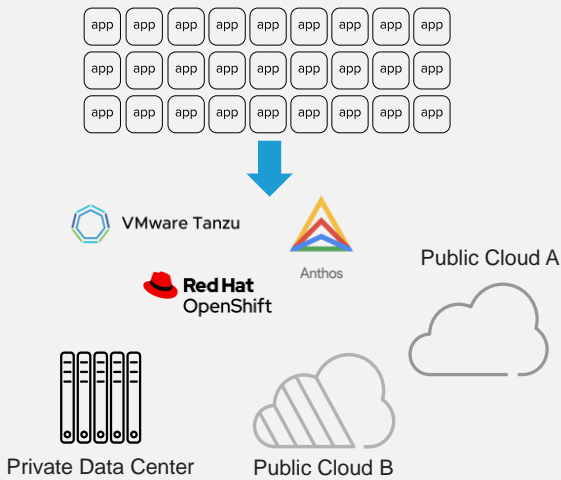
Integrated Security from Edge to Cloud

Protect the fleet of edge infrastructure and apps from Internet vulnerabilities and physical tampering, to reduce downtime. Secure connectivity across cloud and edge enables improved productivity for DevOps and SRE.
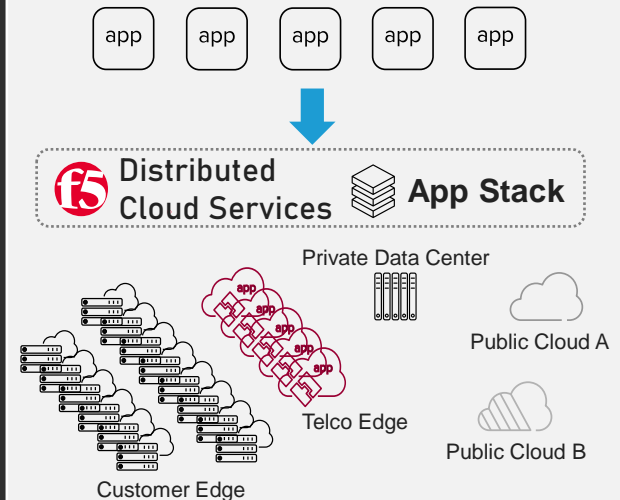
Performance Optimization and Cost Reduction

SaaS-based delivery of platform services, coupled with a high-performance global network, significantly reduces the cost of deployment, operations, and application downtime at the edge.

Many apps, few locations

app app app app app app app app app
app app app app app app app app app
app app app app app app app app app

VMware Tanzu

Anthos

Red Hat OpenShift

Public Cloud A

Private Data Center

Public Cloud B

Few apps, many locations

app   app   app   app   app

f5 Distributed Cloud Services   **App Stack**

Private Data Center

app app app app app app
Telco Edge

Public Cloud A

Public Cloud B

Customer Edge

App Stack's key differentiator is that an enterprise defines its intent once, and the App Stack Service takes over the responsibility of ensuring the sites are aligned with the defined intent.

Examples of intent include, among others, locations to deploy the applications, software version of the application, and resources requested (CPU, memory).