Why Machine Learning (ML) for Data Center Operations?

- Data is digital gold!
- Configuration complexity
- Constant change
- But mining large volumes of data and managing data center operations in a complex and dynamic environment is challenging!
- Interdependent effects

VMware vRealize AI Cloud - Machine Learning (ML) Based Self-Driving Data Center Operations

What Makes vRealize AI Cloud Stand-Out?

- Continuous Performance Optimization of vSAN
- Continuous Monitoring
- Rapid sampling of vSAN I/O and resource use
- Data Collection
- Collects, stores and analyzes vSAN and vSphere metrics in the SaaS data lake
- Automated Actions
- Dynamic changes to vSAN, vSphere tunables
- Analyzes performance and sets actions based on machine learning results

vRealize AI Cloud improves infra and app performance, reduces incidents and trouble tickets, decreases monitoring efforts.

Why VMware vRealize AI Cloud for Self-Driving Data Center Operations?

- Learns dynamics of environment and saves time by automating deep domain knowledge development
- Continuous, self-tuning for consistent performance
- Automatically selects optimal configurations for relevant tunables

With VMware vRealize AI Cloud, you can make mobile dynamic performance optimization for your VMware vSAN clusters using vRealize AI Cloud.

Improved performance without manual tuning.

Reduced tickets/escalations: Up to 5 tickets/month.

Reduced monitoring effort: Up to 15 mins/day.

60% improved infra performance.

vRealize AI Cloud is a part of VMware vRealize Cloud Universal - The next generation solution for self-driving data center operations.