THE NEXT GENERATION OF GOVERNMENT IT: HYPERCONVERGED INFRASTRUCTURE

Hyperconverged infrastructure (HCI) is a next generation IT infrastructure that consolidates computing, storage and network resources into a single piece of commodity hardware that is orchestrated by a software-centric architecture.

To understand the implications of HCI to government work, GovLoop surveyed 165 public servants regarding their current and future IT infrastructure needs. The results of that survey are below and they send a clear message. Government needs better technology and hyperconverged infrastructures are the solution.

GOVERNMENT'S IT CHALLENGES

51% described their agency's current IT systems and tools as inadequate or prohibitive in helping them meet their mission

The biggest challenges to government IT included legacy systems and the inability to modernize.

Q: WHAT ARE THE BIGGEST CHALLENGES ASSOCIATED WITH YOUR CURRENT IT INFRASTRUCTURE?

Inadequate Cybersecurity
16%

High Operation and Maintenance Costs
29%

Poor Usability or User Experience
38%

Lack of Scalability for Increased Workloads or Demand
38%

Inability to Effectively Update or Optimize Systems
45%

Outdated Systems Don't Meet Current Performance Requirements
49%

WHAT GOVERNMENT NEEDS

Given the challenges associated with current IT infrastructures, agencies are looking for new solutions. Specifically, public servants want a next generation IT infrastructure that can provide superior performance, greater data visibility and increased automation – among other benefits.

Q: WHAT CAPABILITIES DO YOU EXPECT FROM A NEXT GENERATION IT INFRASTRUCTURE?
Q: WHICH CAPABILITIES DO YOU BELIEVE COULD BE ACHIEVED WITH HCI?

AUTOMATION
60% | 58%

SCALABILITY
50% | 49%

ENHANCED CYBERSECURITY
48% | 55%

SUPERIOR PERFORMANCE
69% | 70%

DECREASED STORAGE COSTS
29% | 43%

GREATER DATA VISIBILITY
55% | 52%

THE HYPERCONVERGED SOLUTION

HCI

HCI consolidates networking, compute and storage functions in a single box.

According to public servants who do know the benefits of this next generation architecture, HCI is the path forward and provides the benefits agencies seek. However, many government workers don't know the benefits of HCI or whether their agency will pursue it.

43% unsure of the benefits offered by HCI

58% unsure if their agency used or planned to use HCI

HCI can provide agencies with the flexibility, scalability, security, and performance that government needs to meet mission demands. That's why it's critical for IT professionals to understand the benefits of next generation architectures and how to get started with HCI.

To learn more about how NetApp and ThunderCat can help agencies deliver an integration-ready, next generation hyperconverged infrastructure solution to meet government needs, click here.

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