The State of Cloud in the States
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Cloud is #1 on NASCIO’s Top Ten Priorities for State CIOs

• Cloud #1 Tool, Technology and Application
• Cloud is #2 in Strategy, Process and Management Solutions

Other Related NASCIO Top 10 Issues:

• Security and Risk
• Enterprise IT
• Data Management / Analytics
• Digital Government
Let’s install a V-8 engine on this baby!
Cloud is the Engine of Organizational Performance

• Cloud migration strategy vs. Organizational strategy for cloud

• It starts by asking: Why?
Why does government move to cloud?

Primary factors driving an organization’s adoption of cloud technologies

- Expanded data sharing capabilities: 42%
- Improved organizational efficiency: 43%
- Cost reductions/savings: 45%

• NASCIO 2018 CIO Survey
A Short History of Cloud in the Federal Government

- **2010:** Federal CIO Vivek Kundra announces “Cloud First” policy
- **2012:** FedRAMP launches
- **2013:** AWS clears FedRAMP in HHS
- **2014-2018:** Feds use of cloud grows (~30% in 2019)
- **2018:** “Cloud Smart” policy – focus shifts from cost savings to performance
- **2019:** States moving fast
Does your organization have a strategy to migrate legacy applications to the cloud?

41% YES, cloud migration strategy is in place

37% NO, BUT cloud migration strategy is in development

22% NO cloud migration strategy planned

• NASCIO 2018 CIO Survey
US Intelligence Community

Innovation

Collaboration

Leadership

Think you’ve got risk?
Kansas: HR and Finance to the cloud

Drivers
• Cost savings
• Security
• Staff retirements

Challenges:
Change Management
Delaware: Department of Youth, Children and Families

- Partnership
- Share data
- Rethink IT
- Agile and Cloud
Building Blocks of a Cloud Strategy

- Governance for future innovation
- New Support Processes
- Ecosystem Development
- Beyond cost, new capabilities
Building Block #1: Governance

Governance for future innovation
Enterprise → Enterprise Mission

State government considerations:

• Frameworks for enterprise management?
• Structures for enterprise-level governance?
• Agency role and CIO role?
• Procurement and contract management

FedRamp → StateRamp?
The big challenge is often governance, not technical
Building Blocks of a Cloud Strategy

New Support Processes
“There is a larger problem…and that is the way the federal government does procurement and IT is just generally not very efficient.”

—President Obama
Mission: It all starts with the Digital Mindset
Building Blocks of a Cloud Strategy

Ecosystem Development
World’s largest ride company owns NO cabs
World’s most viewed media owners creates NO content
World’s largest accommodation provider owns NO real estate
Biggest retailers have NO
Cloud Enables → Ecosystems

Less **Ownership**

More **Access**

Note: Cloud does not outsource risk
Building Blocks of a Cloud Strategy

Beyond cost, new capabilities
Cloud: Enabling the Future

Future of Digital
Future of Data
Future of Human Centered Design
The 3Ds form the building blocks of Digital Transformation

The magic happens here
Cloud and the Future of Work

Augmented
Technical
Collaborative

WORK

WORKPLACE

WORKFORCE

Contingent
Digital
Fluid

Where?
When?
What?

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The Deloitte Center for Government Insights shares inspiring stories of government innovation, looking at what’s behind the adoption of new technologies and management practices.

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