

# DISA



# Cloud Playbook



# About the DISA Cloud Playbook

Cloud Adopters,

As you attempt to help the department move more data into the Cloud, there will be many challenges to overcome and learning to be realized. We pulled many of the lessons learned from across the department by the early adopters of Cloud. This tool guide was assembled as a general guide and place to consider your own experiences. It is not intended to be all inclusive of cloud adoption, migration or transition. We hope you will continue to document and share these experiences, and that you will consider sharing valuable lessons with us, so we can continue to centrally manage and share them.

Here is the legal guidance that we are required to tell you about this guide:

“It does not constitute a commitment on behalf of the United States Government to provide any of the capabilities, systems or equipment presented and in no way obligates the United States Government to enter into any future agreements with regard to the same. The information presented may not be disseminated without the express consent of the United States Government. This brief may also contain references to United States Government future plans and projected system capabilities. Mention of these plans or capabilities in no way guarantees that the U.S. Government will follow these plans or that any of the associated system capabilities will be available or releasable to foreign governments.”

Once again, please don't hesitate to reach out to us and share your experiences and good luck on your journey to the Cloud!

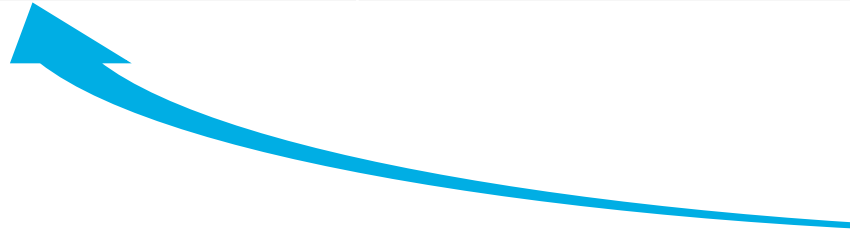
v/r,

*Jason*

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Services Executive  
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# DISA Cloud Adoption Cycle

|  | LEARN  | CHOOSE  |
|--|--|---|
| <b>CLOUD CONSUMER</b><br>What Mission Partners Should Know and Do... | <ul style="list-style-type: none"><li>• Cloud Policies</li><li>• Goals (Fit, Leverage, Evolve)</li><li>• Information Impact Level</li><li>• Cloud Models</li><li>• Adoption Expertise</li><li>• Outreach</li></ul> | <ul style="list-style-type: none"><li>• Business/Case Analysis (BCA)</li><li>• Requirement Definition</li><li>• Application Rationalization</li></ul>                 |
| <b>CLOUD PROVIDER</b><br>What Cloud Providers Should Tell You...     | <ul style="list-style-type: none"><li>• FedRAMP/JAB PA Status</li><li>• Cloud Service Offering</li></ul>   | <ul style="list-style-type: none"><li>• Cost Models</li><li>• Service Models</li><li>• Attributes</li><li>• Service Level Agreement</li><li>• COOP/DR Model</li></ul> |



| BUY   | CONFIGURE   | TRANSITION  | UTILIZE  |
|---|---|---|--|
| <ul style="list-style-type: none"> <li>• Contract Options</li> <li>• Period of Performance</li> <li>• Color of Money</li> <li>• SLA</li> <li>• CSSP Services</li> </ul> | Specifications <ul style="list-style-type: none"> <li>• Environment</li> <li>• Technology</li> <li>• Virtual Machine Information</li> </ul> | <ul style="list-style-type: none"> <li>• Development/Test</li> <li>• User Roles</li> <li>• Authentication/Access</li> </ul> | <ul style="list-style-type: none"> <li>• Monitor Data Consumption</li> <li>• Leverage Cloud Functions</li> <li>• Recognize efficiencies</li> </ul> |
| <ul style="list-style-type: none"> <li>• Contract Vehicle</li> <li>• On boarding process</li> <li>• Consumption visibility</li> </ul>                                   | <ul style="list-style-type: none"> <li>• Engineer Support</li> </ul>  | <ul style="list-style-type: none"> <li>• IA Compliance</li> <li>• Transition Support</li> </ul>                             | <ul style="list-style-type: none"> <li>• Operational Transparency</li> <li>• Scalability/Flexibility</li> <li>• Innovation</li> </ul>              |

**DOES IT MEET THE ORIGINAL NEED?**









# Configure

- Does the CSP provide engineering support?
- Have I configured my COOP/DR?
- Do I know my specifications (below)?

## Example

|                         |  |
|-------------------------|--|
| VM Name                 |  |
| OS Hostname             |  |
| OS Type & Version       |  |
| vCPU                    |  |
| RAM (GB)                |  |
| Root Volume Size (GB)   |  |
| NIC IP                  |  |
| NIC Network             |  |
| Data Volume 1 Type      |  |
| Data Volume 1 Size (GB) |  |

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# Contact Information

## DISA Mission Partner Engagement Office

301-225-5303

*Providing Mission Partners with a Single Point of Entry into DISA*

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## USEFUL LINKS

**Have I read the December 5, 2014 Memorandum DoD Updated Guidance on the Acquisition and Use of Commercial Cloud Computing Services?**

[http://dodcio.defense.gov/Portals/0/Documents/Cloud/DoD%20CIO%20-%20Updated%20Guidance%20-%20Acquisition%20and%20Use%20of%20Commercial%20Cloud%20Services\\_20141215.pdf](http://dodcio.defense.gov/Portals/0/Documents/Cloud/DoD%20CIO%20-%20Updated%20Guidance%20-%20Acquisition%20and%20Use%20of%20Commercial%20Cloud%20Services_20141215.pdf)

**Have I reviewed the DAU Guide to Cloud Adoption?**

<https://www.dau.mil/acquipedia/Pages/ArticleDetails.aspx?aid=c40ef32b-6748-418b-b322-dd1ddbc9378c>

**Do I understand security requirements for cloud adoption? (JAB/RMF/ATO) Impact Levels (IL) IL2, IL4, IL5, IL6?**

[https://iase.disa.mil/cloud\\_security/Documents/Forms/AllItems.aspx](https://iase.disa.mil/cloud_security/Documents/Forms/AllItems.aspx)

**Do I have the current FedRAMP/JAB PA approval list?**

<https://marketplace.fedramp.gov/index.html#/products?status=Compliant&sort=productName>







**DISA**

