DevSecOps Best Practices and Considerations

Applied Resilience for Mission Systems
Darby Mitchell

DevSecOps Methods

This conceptual model serves as a guide for which methods and practices to consider when applying DevSecOps methodology to software-intensive DoD systems. Successfully employing these methods requires a commitment to embrace modern software development culture and philosophy. Attempting to apply these methods in the absence of such a change in culture is unlikely to succeed. It is also important to tailor these practices to the specific program needs, as not all practices are equally appropriate for all programs. However, we believe that all programs could benefit from using this framework to reason about their employment of DevSecOps methodology.

1 Informed by DoD DevSecOps Initiative: http://dccscr.dsop.io

For more information contact:
ARMS@LL.MIT.EDU

DISTRIBUTION STATEMENT A. Approved for public release. Distribution is unlimited. This material is based upon work supported by the United States Air Force under Air Force Contract No. FA8702-15-D-0001. Any opinions, findings, conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the United States Air Force.