**Technical Architecture References**

[Engineering Best Practices, Guidance, and Standards](https://dvagov.sharepoint.com/sites/OITEPMOVAEA/DevSecOps/SitePages/Home.aspx)

[VA Platform Documentation](https://depo-platform-documentation.scrollhelp.site/)

[Technical Reference Model (TRM)](https://trm.oit.va.gov/)

[Enterprise Design Patterns - DigitalVA](https://digital.va.gov/office-of-information-and-technology/reference-library/enterprise-design-patterns/)

Monthly Engineering Review (MER):  [Link](https://dvagov.sharepoint.com/sites/OITEngineeringExcellence/Shared%20Documents/Forms/AllItems.aspx?FolderCTID=0x01200079876DCE88C2A947AE0934FCE7AF2F60&id=%2Fsites%2FOITEngineeringExcellence%2FShared%20Documents%2FGeneral%2FMonthly%20Engineering%20Review%20%2D%20Presentations&viewid=25f0c0a8%2Dbdd8%2D4e01%2Dbad5%2Dc2b74802ce69)

[VA Enterprise Architecture Repository (VEAR)](https://vaww.vear.ea.oit.va.gov/)

Product Line Architecture:  [Link](https://dvagov.sharepoint.com/sites/OITEPMOVAEAplm/Pages/default.aspx)

Product Quality Standards:  [Link](https://dvagov.sharepoint.com/sites/EPMOACOEProductScorecards/Shared%20Documents/Forms/AllItems.aspx?newTargetListUrl=%2Fsites%2FEPMOACOEProductScorecards%2FShared%20Documents&viewpath=%2Fsites%2FEPMOACOEProductScorecards%2FShared%20Documents%2FForms%2FAllItems%2Easpx&id=%2Fsites%2FEPMOACOEProductScorecards%2FShared%20Documents%2F2%2E%20PSC%20Standards&viewid=8b437c1b%2D78a4%2D444a%2Db607%2D10bcacf117ec)

OIS Knowledge Service (eMASS/ATO):  [Link](https://dvagov.sharepoint.com/sites/OITOIS/KnowledgeService/Pages/eMASS.aspx)

Baseline Configuration Management:  [Link](https://dvagov.sharepoint.com/sites/OITBCM/SitePages/Home.aspx)

Enterprise Security Architecture (ESA) DevSecOps:  [Link](https://dvagov.sharepoint.com/sites/OITOIS/KnowledgeService/ESA/Pages/DevSecOps.aspx)

Data and Analytics Product Line (DAPL) Technology Research:  [Link](https://dvagov.sharepoint.com/sites/OITEPMOVAEAplm/pages/default.aspx?RootFolder=%2Fsites%2FOITEPMOVAEAplm%2FDocuments%2FVeteran%20Experience%20Services%20%5BPortfolio%5D%2FData%20and%20Analytics%20%5BProduct%20Line%5D%2FData%20and%20Analytics%20PLA%2FTechnical%20References&FolderCTID=0x012000890A13A36ABDBF4DB8FCC5507888CF19&View=%7B53025D94%2D015F%2D4D86%2DAC29%2DD56A84832090%7D)

GitHub Handbook:  [Link](https://department-of-veterans-affairs.github.io/github-handbook/)

VA Platform One (VAPO):  [Link](https://dvagov.sharepoint.com/sites/vaplatformone)

IAM Playbook:  [Link](https://dvagov.sharepoint.com/sites/OITEPMOIAM/playbooks/Pages/IAM%20Playbook%20Home.aspx)

Product Engineering Services (PES):  [Link](https://dvagov.sharepoint.com/sites/OITDSOPE)

Lighthouse Hub:  [Link](https://hub.lighthouse.va.gov/)

RPA Portal:  [Link](https://dvagov.sharepoint.com/sites/VACOVACOITRM/ITBF/RPA)

Solution Delivery:  [Link](https://dvagov.sharepoint.com/sites/OITSD)

Enterprise Cloud Solutions Office (ECSO):  [Link](https://dvagov.sharepoint.com/sites/OITECSO/SitePages/VAEC.aspx)

Mobile Technology and Endpoint Security Engineering:  [Link](https://dvagov.sharepoint.com/sites/OITMT)

VAEC Knowledge Space:  [Link](https://kb.vaec.va.gov/display/VK/VAEC+Knowledge)

SaaS Software Factory:  [Link](https://dvagov.sharepoint.com/sites/oitswfsaas)

PLM Training Catalog:  [Link](https://dvagov.sharepoint.com/sites/OITACOEPortal/Methodology/SitePages/Training%20Catalog.aspx)

Section 508 Standards:  [Link](https://vaww.section508.va.gov/SECTION508/Standards_Checklists.asp)

**Industry Best Practices**

Azure Well-architected framework:  [Link](https://docs.microsoft.com/en-us/azure/architecture/framework/)

AWS Well-architected framework:  [Link](https://aws.amazon.com/architecture/well-architected/)

Medical Technology News:  [Link](https://www.medgadget.com/)

The New Stack:  [Link](https://thenewstack.io/)

**Comparison of Technologies**

[CI/CD Software](https://en.wikipedia.org/wiki/Comparison_of_continuous_integration_software)

[Deep Learning](https://en.wikipedia.org/wiki/Comparison_of_deep_learning_software)

[Data Serialization](https://en.wikipedia.org/wiki/Comparison_of_data-serialization_formats)

[Programming Languages](https://en.wikipedia.org/wiki/Comparison_of_programming_languages#:~:text=General%20comparison%20%20%20%20Language%20%20,%20%20No%20%2016%20more%20rows%20)

[Databases](https://www.prisma.io/dataguide/intro/comparing-database-types)

[Operating Systems](https://en.wikipedia.org/wiki/Comparison_of_operating_systems#:~:text=Property%20Value%20%20Name%20%20%20%20Creator,11%20%20%20Smartphone%2C%20tablet%20computer%2C%20education%20)

[Content Management Systems](https://en.wikipedia.org/wiki/List_of_content_management_systems)

[JavaScript Web Frameworks](https://en.wikipedia.org/wiki/Comparison_of_JavaScript-based_web_frameworks)

[Server-side Web Frameworks](https://en.wikipedia.org/wiki/Comparison_of_server-side_web_frameworks)

[Web Servers](https://en.wikipedia.org/wiki/Comparison_of_web_server_software)

[Application Servers](https://en.wikipedia.org/wiki/List_of_application_servers)

**What is Infrastructure as Code (IaC)?**

* <https://www.youtube.com/watch?v=POPP2WTJ8es>
* <https://www.youtube.com/watch?v=zWw2wuiKd5o>

IaC captures environment definitions as declarative code, such as JSON documents, for automated provisioning and configuration. This enables you to use the same versioning used for source code with infrastructure deployment templates.

**What is DevSecOps?**

* Overview from VA industry partner: <https://www.redhat.com/en/topics/devops#?>
* What is CI/CD: <https://www.redhat.com/en/topics/devops/what-is-ci-cd>
* DORA Metrics: <https://www.cloudbees.com/blog/dora-devops-metrics-bandwagon>

**What is Kubernetes?**

* Overview:  <https://www.redhat.com/en/topics/containers/what-is-kubernetes>
* Architecture:  <https://www.redhat.com/en/topics/containers/kubernetes-architecture>
* Security: <https://github.com/magnologan/awesome-k8s-security>

**DISA STIGs and Configuration Baselines**

* STIG:  <https://public.cyber.mil/stigs/>
* BCM:  <https://vaww.vashare.oit.va.gov/sites/itops/svcs/sma/BCM/Pages/BCM.aspx>