

System Development-Project Management Lifecycle



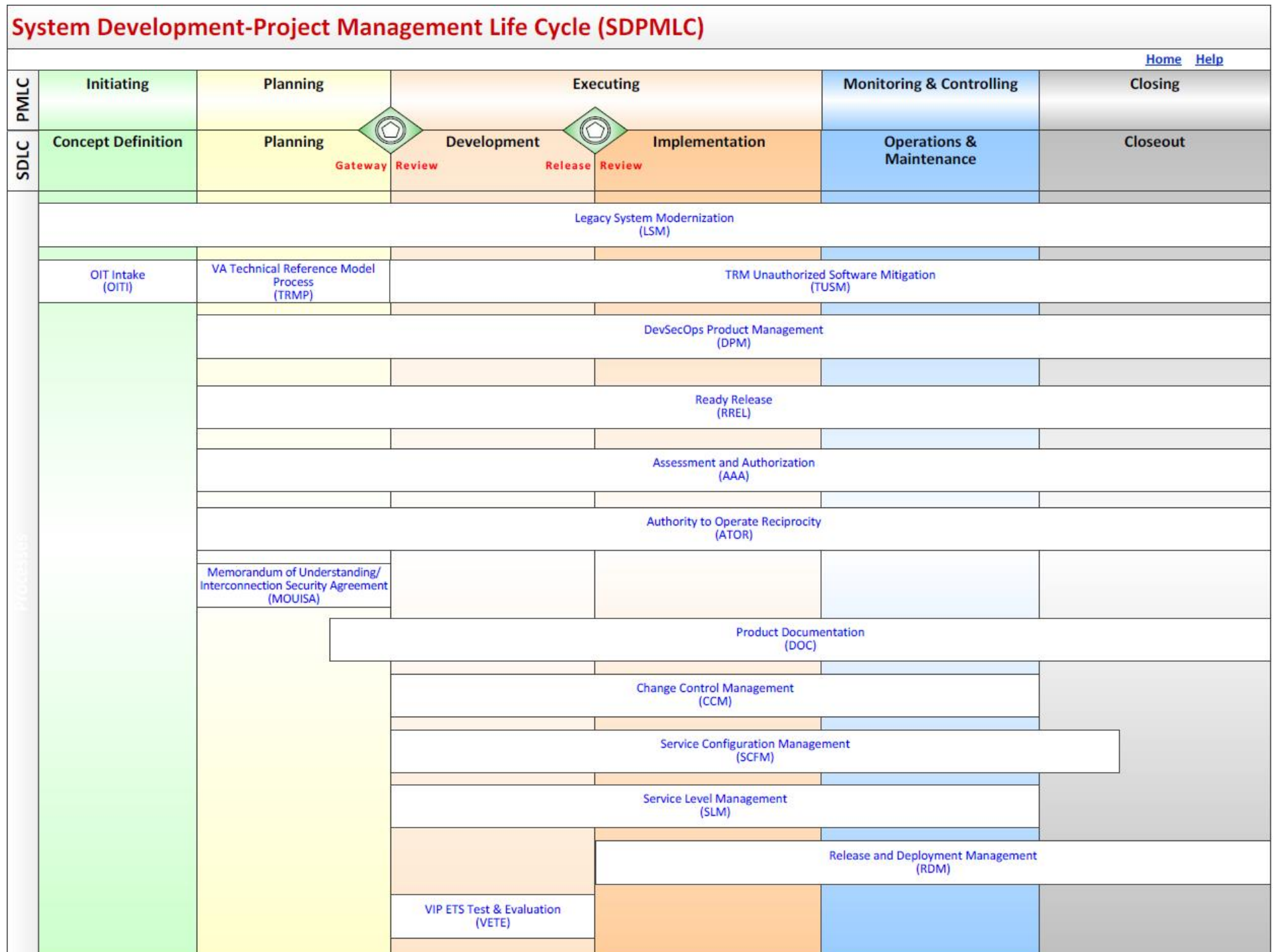
Process Assess Library

Office of Information and Technology

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Process Map



System Development/Project Management Life Cycle (SDPMLC) Map Description

This slide depicts key process activities as a typical project progresses through either the System Development's six defined phases (Concept Definition, Planning, Development, Implementation, Operations & Maintenance, and Closeout) or the Project Management Institute's five defined project phases (Initiating, Planning, Executing, Monitoring and Controlling, Closing), that also have tie-ins to the DevSecOps Product Management Process.

System Development Life Cycle

Concept Definition

Process Asset Library Processes:

- Legacy System Modernization (LSM) begins at the start of this phase and continues past the end of it.
- OIT Intake (OITI) begins at the start of this phase and concludes at the end of it.

Planning

Process Asset Library Processes:

- Legacy System Modernization Process (LSM)) spans this phase and continues past the end of it.
- VA Technical Reference Model Process (TRMP) begins at the start of this phase and concludes at the end of it.
- DevSecOps Product Management Process (DPM) begins at the start of this phase and continues past the end of it.
- Ready Release Process (RREL) begins at the start of this phase and continues past it.
- Assessment and Authorization (AAA) begins at the start of this phase and continues past the end of it.
- Authority to Operate Reciprocity Process (ATOR) begins at the start of this phase and continues past the end of it.
- Memorandum of Understanding/Interconnection Security Agreement (MOUISA) begins at the start of this phase and concludes at the end of it.
- Product Documentation Process (DOC) begins two thirds of the way through this phase and continues past the end of it.

DevSecOps Product Management Process (DPM) Gateway Decision

- Gateway Decision occurs at the end of this phase and before the beginning of the Development Phase.

Development

Process Asset Library Processes:

- Legacy System Modernization (LSM) spans this phase and continues past the end of it.
- TRM Unauthorized Software Mitigation Process (TUSM) begins at the start of this phase and continues past the end of it.
- DevSecOps Product Management Process (DPM) spans this phase and continues past the end of it.
- Ready Release Process (RREL) spans this phase and continues past the end of it.
- Assessment and Authorization Process (AAA) spans this phase and continues past the end of it.
- Authority to Operate Process (ATOR) spans this phase and continues past the end of it.
- Product Documentation Process (DOC) spans this phase and continues past the end of it.
- Change Control Management Process (CCM) begins at the start of this phase and continues past the end of it.
- Service Configuration Management Process (SCFG) begins at the start of this phase and continues past the end of it.
- Service Level Management Process (SLM) begins at the start of this phase and continues past the end of it.
- VIP ETS Test and Evaluation Process (VETE) begins at the start of this phase and concludes at the end of it.

DevSecOps Product Management Process (DPM) Release Review

- Product Line Manager Review occurs at the end of this phase and before the beginning of the Implementation Phase.

Implementation

Process Asset Library Processes:

- Legacy System Modernization Process (LSM) spans this phase and continues past the end of it.
- TRM Unauthorized Software Mitigation Process (TUSM) spans this phase and continues past the end of it.
- DevSecOps Product Management Process (DPM) spans this phase and continues past the end of it.
- Software as a Service Process (SaaS) spans this phase and continues past the end of it.
- Ready Release Process (RREL) spans this phase and continues past the end of it.
- Assessment and Authorization (AAA) spans this phase and continues past the end of it.
- Authority to Operate Process (ATOR) begins at the start of this phase and continues past the end of it.
- Product Documentation Process (DOC) spans this phase and continues past the end of it.
- Change Control Management Process (CCM) spans this phase and continues past the end of it.

- Service Configuration Management Process (SCFG) spans this phase and continues past the end of it.
- Service Level Management Process (SLM) begins at the start of this phase and continues past the end of it.
- Release and Deployment Management Process (RDM) begins at the start of this phase and continues past the end of it.

Operations and Maintenance

Process Asset Library Processes

- Legacy System Modernization Process (LSM) spans this phase and continues past the end of it.
- TRM Unauthorized Software Mitigation Process (TUSM) spans this phase and continues past the end of it.
- DevSecOps Product Management Process (DPM) spans this phase and continues past the end of it.
- Ready Release Process (RREL) spans this phase and continues past the end of it.
- Assessment and Authorization (AAA) spans this phase and continues past the end of it.
- Authority to Operate Process (ATOR) begins at the start of this phase and continues past the end of it.
- Product Documentation Process (DOC) spans this phase and continues past the end of it.
- Change Control Management Process (CCM) continues in this phase and concludes at the end of it.
- Service Configuration Management Process (SCFG) spans this phase and continues past the end of it.
- Service Level Management Process (SLM) continues in this phase and concludes at the end of it.
- Release and Deployment Management Process (RDM) spans this phase and continues past the end of it.

Closeout

Process Asset Library Processes

- Legacy System Modernization Process (LSM) spans this phase and concludes at the end of it.
- TRM Unauthorized Software Mitigation Process (TUSM) spans this phase and concludes at the end of it.
- DevSecOps Product Management Process (DPM) spans this phase and concludes at the end of it.
- Ready Release Process (RREL) spans this phase and concludes at the end of it.
- Assessment and Authorization (AAA) spans this phase and concludes at the end of it.
- Authority to Operate Process (ATOR) begins at the start of this phase and concludes at the end of it.

- Product Documentation Process (DOC) spans this phase and concludes at the end of it.
- Service Configuration Management Process (SCFG) continues in this phase and concludes one third of the way through it.
- Release and Deployment Management Process (RDM) begins at the start of this phase and concludes at the end of it.

Project Management Life Cycle

Initiating

Process Asset Library Processes:

- Legacy System Modernization (LSM) begins at the start of this phase and continues past the end of it.
- OIT Intake (OITI) begins at the start of this phase and concludes at the end of it

Planning

Process Asset Library Processes:

- Legacy System Modernization Process (LSM)) spans this phase and continues past the end of it.
- VA Technical Reference Model Process (TRMP) begins at the start of this phase and concludes at the end of it.
- DevSecOps Product Management Process (DPM) begins at the start of this phase and continues past the end of it.
- Ready Release Process (RREL) begins at the start of this phase and continues past the end of it.
- Assessment and Authorization (AAA) begins at the start of this phase and continues past the end of it.
- Authority to Operate Reciprocity Process (ATOR) begins at the start of this phase and continues past the end of it.
- Memorandum of Understanding/Interconnection Security Agreement (MOUISA) begins at the start of this phase and concludes at the end of it.
- Product Documentation Process (DOC) begins two thirds of the way through this phase and continues past the end of it.

DevSecOps Product Management Process (DPM) Product Owner Review

- Gateway Review occurs at the end of this phase and before the beginning of the Execution Phase.

Executing

Process Asset Library Processes:

- Legacy System Modernization Process (LSM) spans this phase and continues past the end of it.
- TRM Unauthorized Software Mitigation Process (TUSM) spans this phase and continues past the end of it.

- DevSecOps Product Management Process (DPM) spans this phase and continues past the end of it.
- Ready Release Process (RREL) spans this phase and continues past the end of it.
- Assessment and Authorization (AAA) spans this phase and continues past the end of it.
- Authority to Operate Process (ATOR) begins at the start of this phase and continues past the end of it.
- Product Documentation Process (DOC) spans this phase and continues past the end of it.
- Change Control Management Process (CCM) begins at the start of this phase and continues past the end of it.
- Service Configuration Management Process (SCFG) begins at the start of this phase and continues past the end of it.
- Service Level Management Process (SLM) begins at the start of this phase and continues past the end of it.
- VIP ETS Test and Evaluation Process (VETE) begins at the start of this phase and concludes half-way through the phase.
- Release and Deployment Management Process (RDM) begins one half of the way through this phase and continues past the end of it.

Veteran-focused Integration Process Critical Decisions

- Release Review occurs midway through this phase

Monitoring and Controlling

Process Asset Library Processes

- Legacy System Modernization Process (LSM) spans this phase and continues past the end of it.
- TRM Unauthorized Software Mitigation Process (TUSM) spans this phase and continues past the end of it
- DevSecOps Product Management Process (DPM) spans this phase and continues past the end of it.
- Ready Release Process (RREL) spans this phase and continues past it.
- Assessment and Authorization (AAA) spans this phase and continues past the end of it.
- Authority to Operate Reciprocity Process (ATOR) spans this phase and continues past the end of it.
- Product Documentation (DOC) spans this phase and continues past the end of it.
- Change Control Management Process (CCM) continues in this phase and concludes at the end of it.
- Service Level Management Process (SLM) spans this phase and continues past the end of it.
- Service Configuration Management Process (SCFG) spans this phase and continues past it.
- Service Level Management Process (SLM) continues in this phase and concludes at the end of it.

- Release and Deployment Management Process (RDM) spans this phase and continues past the end of it.

Closing

Process Asset Library Processes

- Legacy System Modernization Process (LSM) spans this phase and concludes at the end of it.
- TRM Unauthorized Software Mitigation Process (TUSM) spans this phase and concludes at the end of it.
- DevSecOps Product Management Process (DPM) spans this phase and concludes at the end of it.
- Ready Release Process (RREL) spans this phase and concludes at the end of it.
- Assessment and Authorization (AAA) spans this phase and concludes at the end of it.
- Authority to Operate Process (ATOR) begins at the start of this phase and concludes at the end of it
- Product Documentation Process (DOC) spans this phase and concludes at the end of it.
- Release and Deployment Management Process (RDM) spans this phase and continues past it.

END OF SYSTEM DEVELOPMENT-PROJECT MANAGEMENT LIFE CYCLE (SDPMLC)
Map