

# VA ENTERPRISE DESIGN PATTERNS IT SERVICE MANAGEMENT DISASTER RECOVERY PLANNING



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## EXECUTIVE SUMMARY

### Scope

This Enterprise Design Pattern (EDP) provides an enterprise-level view of the “As-Is” and “To-Be” Data Recovery Planning (DRP) capabilities relevant to Department of Veterans Affairs (VA). The document will refer to, rather than duplicate, lower-level solution guidance associated with these capabilities. This EDP focuses on current DRP capabilities and constraints at VA, guidance that ensures a framework for bridging the gaps in governance and automation for DRPs, a set of use cases that will allow VA to leverage governance and automation opportunities for DRPs. The EDP document is generally applicable across all VA Lines of Business (LOB) and describes “As-Is” VA DRP capabilities, processes for use by those that execute DRP responsibilities at VA, enterprise-level DRP constraints, strategic guidance, and terminology.

### Business Need

The DRP EDP provides a framework for establishing efficient and effective restoration of systems in the event of system disruption or disaster. Capabilities identified in this EDP will support enhanced enterprise disaster recovery planning that is accurate, reflects current IT systems onsite, and incorporates updates that are congruent with current IT systems, DRP testing results, and action items. The EDP will identify best practices for bridging VA disaster recovery planning gaps.

### Approach

The EDP will look at current capabilities for disaster recovery planning within VA to address: governance structure for overseeing disaster recovery planning throughout the enterprise; best

practices for DRPs that are accurate, complete, and viable; and leveraging an enterprise-level disaster recovery planning lifecycle process tool to foster collaboration and transparency.

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*Enterprise Design Patterns* (EDPs) are developed by TS in coordination with internal and external subject matter experts and stakeholders. An EDP is a reusable capability guidance document that identifies best practice approaches and resources for achieving VA IT strategic objectives. The EDP Team uses industry trends and innovations; enterprise architectural standards; and guiding principles for capabilities and constraints to improve efficiency and effectiveness and define solutions to reoccurring technical problems. The EDP helps guide the design of IT systems and services by VA project teams.