**Accelerator Plan for DR Blueprints**

**Objective**

Provide pre-built disaster recovery blueprints that can be easily customized and deployed to ensure business continuity in case of system failures. The blueprints will include detailed templates, processes, and guidelines to streamline the implementation.

**Deliverables**

1. **Disaster Recovery Plan (DRP) Template**
   * **Sections**:
     + Introduction
     + Objectives and Scope
     + Roles and Responsibilities
     + Risk Assessment
     + Recovery Strategies
     + Recovery Procedures
     + Testing and Maintenance
2. **Infrastructure as Code (IaC) Blueprints**
   * Templates for:
     + AWS CloudFormation
     + Azure Resource Manager (ARM) templates
     + Terraform modules
   * Examples:
     + Multi-region failover setup
     + Automated backup and restore pipelines
     + Infrastructure replication scripts
   * **Format**: .yaml, .json, .tf
3. **Runbooks**
   * Step-by-step instructions for initiating DR processes, including:
     + Failover/Failback procedures
     + Backup restoration
     + Verification steps
   * **Format**: PDF or Markdown.
4. **Testing Framework**
   * Automated testing templates for DR plans using:
     + Chaos Engineering tools (e.g., Gremlin, LitmusChaos)
     + Integration with CI/CD pipelines.
   * **Format**: Shell scripts, Jenkins pipelines, etc.
5. **Training Materials**
   * Presentation slides covering:
     + Overview of DR concepts
     + How to use the blueprints
     + Case studies and best practices
   * **Format**: PowerPoint or Google Slides.
6. **Policy and Compliance Guidelines**
   * Checklist for compliance with standards like:
     + ISO 22301 (Business Continuity Management)
     + NIST 800-34 (Contingency Planning)
   * **Format**: PDF or Word document.

**Steps to Build the Accelerator**

1. **Research and Requirement Gathering**
   * Identify common DR scenarios and industry best practices.
   * Ensure compatibility with major cloud providers (AWS, Azure, GCP).
2. **Create Blueprint Templates**
   * Define modular, reusable IaC templates for replication, failover, and restoration.
3. **Develop and Document Runbooks**
   * Write detailed operational procedures.
   * Include diagrams to simplify complex workflows.
4. **Build Automated Testing Framework**
   * Create a repository for testing tools and scripts.
   * Provide example test scenarios for validation.
5. **Compile Training Materials**
   * Use visually engaging slides and examples.
   * Include exercises for hands-on experience.
6. **Prepare Policy Documents**
   * Draft compliance guidelines and checklists.
   * Tailor them for different industries (e.g., healthcare, finance).

**Documents Required**

1. **Blueprint Documentation**
   * Explanation of each template/module.
   * Customization guidelines.
2. **DRP Guidelines**
   * A detailed step-by-step plan for deploying and testing DR.
3. **Compliance Checklists**
   * Pre-filled templates for audits and readiness assessments.
4. **Change Management Procedures**
   * How to update and maintain DR blueprints over time.
5. **FAQs and Troubleshooting Guide**
   * Common issues and resolutions.

**Tooling Recommendations**

* **Version Control**: GitHub/GitLab for template storage.
* **Infrastructure Provisioning**: Terraform, AWS CloudFormation, Azure Resource Manager.
* **Monitoring and Alerting**: CloudWatch, Azure Monitor, Prometheus, Grafana.
* **Testing Tools**: Chaos Monkey, Gremlin, LitmusChaos.

**Deployment and Distribution**

* Host the accelerator on a central repository like GitHub or an internal DevOps platform.
* Provide detailed documentation and walkthroughs to onboard teams.

**Checklist**

* Recovery Time Objective (RTO) and Recovery Point Objective (RPO)
* Hardware and Software Inventory
* Identify Personnel Roles
* List of Disaster Recovery Sites
* Remote Storage of Physical Documents and Storage Media
* Disaster Response Procedures
* Identify Sensitive Data
* Define a Communication Plan for Disaster Events
* Physical Facility Needs
* Run Disaster Recovery Drills