**SQL Server High Availability and Disaster Recovery Requirements Document**

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# 1. Introduction

This document outlines the requirements for implementing High Availability (HA) and Disaster Recovery (DR) solutions for SQL Server. It serves as a foundational reference for the project, ensuring alignment with business needs and technical constraints.

# 2. Current Infrastructure Overview

* **SQL Server Version:** [Version]
* **Data Structure:** [Brief description]
* **Storage Solutions:** [Details about storage solutions in place]

# 3. Objectives

* **Recovery Time Objective (RTO):** [Acceptable downtime]
* **Recovery Point Objective (RPO):** [Acceptable data loss]
* **Regulatory/Compliance Requirements:** [List any specific regulations or compliance needs]

# 4. Environment Assessment

* **Server Location:** [On-premises/Data center/Cloud-based]
* **Environment Type:** [Single-site/Multi-site/Hybrid]
* **Additional Environment Details:** [Any other relevant details]

# 5. Potential Risks

* **Natural Disasters:** [Specific risks based on location]
* **Cyber Threats:** [Potential cyber threats]
* **Operational Risks:** [Risks related to operations, maintenance, etc.]
* **Other Risks:** [Any other potential risks]

# 6. Stakeholder Engagement

* **IT Teams:** [Names/Teams involved]
* **Database Administrators:** [Names/Teams involved]
* **End-users:** [Names/Teams involved or general description]

# 7. Requirements

[List detailed requirements here, possibly in a tabular format]

| **Requirement ID** | **Description** | **Priority** | **Stakeholder** |
| --- | --- | --- | --- |
| R1 | [Detail] | High | [Name] |
| R2 | [Detail] | Medium | [Name] |
| ... | ... | ... | ... |

# 8. Visual Aids and Tools

[Include or reference any diagrams, flowcharts, tables, etc., that help visualize complex scenarios or requirements]

# 9. Review and Refinement

[List any changes or refinements made to the requirements after stakeholder reviews]

# 10. Conclusion

A brief summary of the document and the next steps in the HA/DR implementation process.

# 11. Appendices

[Any additional information, references, or related documentation]