XBID-DSA Hosting

Attachment 5A.2 – Service Description Hosting Preproduction and Operation

Appendix 5A.2-B AIP120 - Failover Concept

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1 Introduction

1.1 About this Document

This Appendix 5A.2-B AIP120 – Failover Concept sets forth the measures taken by DBAG and to be complied with by DBAG to provide operation of the XBID Solution in accordance with the Service Level Agreement as described in Attachment 5B (Service Level Agreement – Hosting). Due to the availability requirements, failover capabilities of all infrastructural and application components involved in Hosting Services are crucial. The service described in this document shall not apply to Access Management Service (AMS) as further set out in **Attachment 5E** (*AIP110 – Technical Architecture Topology Diagram*) and DFS600 Access Management Service.

A general overview over the system setup is provided in chapter 2 with chapter 3 referring to the operational mode in the case no failover happens.

Chapter 4 describes the behavior of the XBID Solution in a failover situation and potential measures. Chapter 5 shows the mechanisms used to store and recover data in the case of data loss.

1.2 Intended audience

This document is intended for the following user groups:

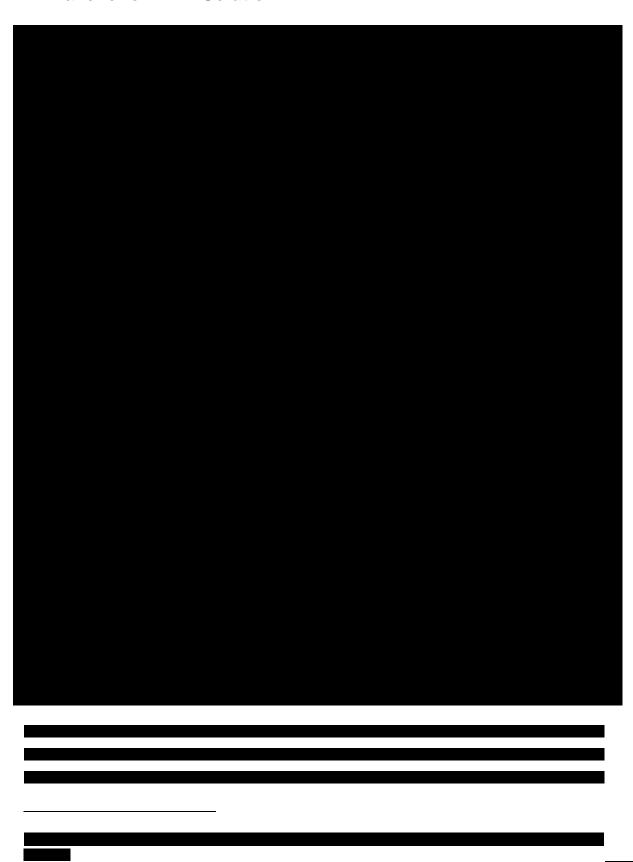
- Developers of third party applications connecting to the XBID Solution
- Users of GUI interfaces of the XBID Solution
- The PXs

1.3 Referenced Documents

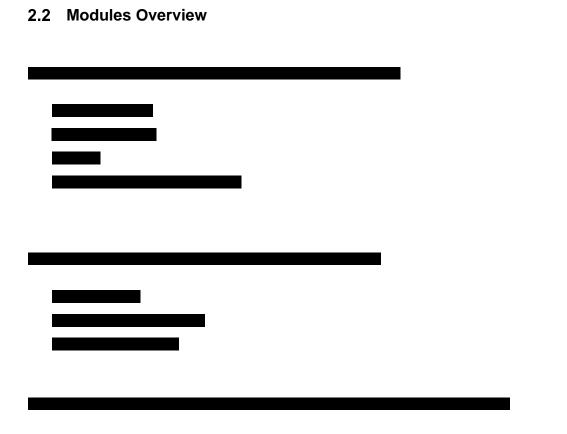
This document refers to:

- Exhibit 1 (Key Terms and Glossary)
- Attachment 4E (AIP100 Software Architecture)
- Attachment 5A.2 (Service Description Hosting)
- Attachment 5B (Service Level Agreement Hosting)
- Attachment 5E (AIP110 Technical Architecture Topology Diagram)
- DFS510 AMQP Public Message Interface Trading
- CR055 Events and Notifications

2 Failover of XBID Solution



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2.3	Logical System Architecture	
2.4	Active active Setup	
2.4	Active-active Setup	

2.5	Active-pa	ssive Setu	ıp		

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2.6 Hybrid Setup		

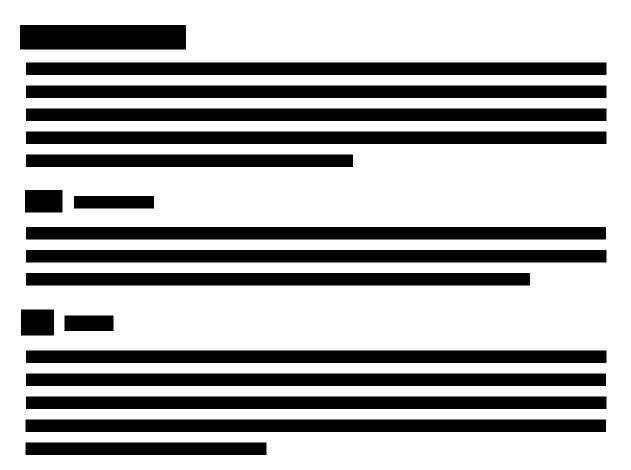
Initial of DBAG

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2.7 Disaster Recovery Infrastructure

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3 XBID Normal Operation

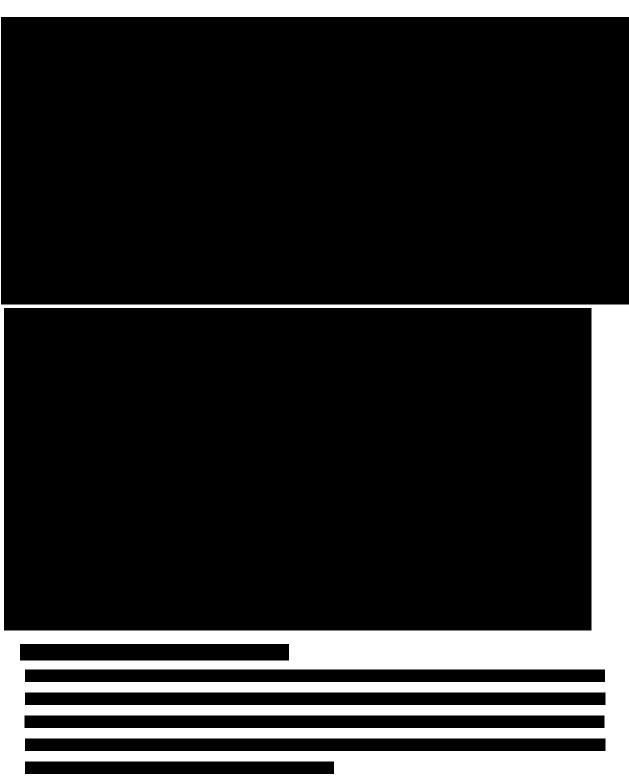




4 XBID Components Failover

4.1.1	

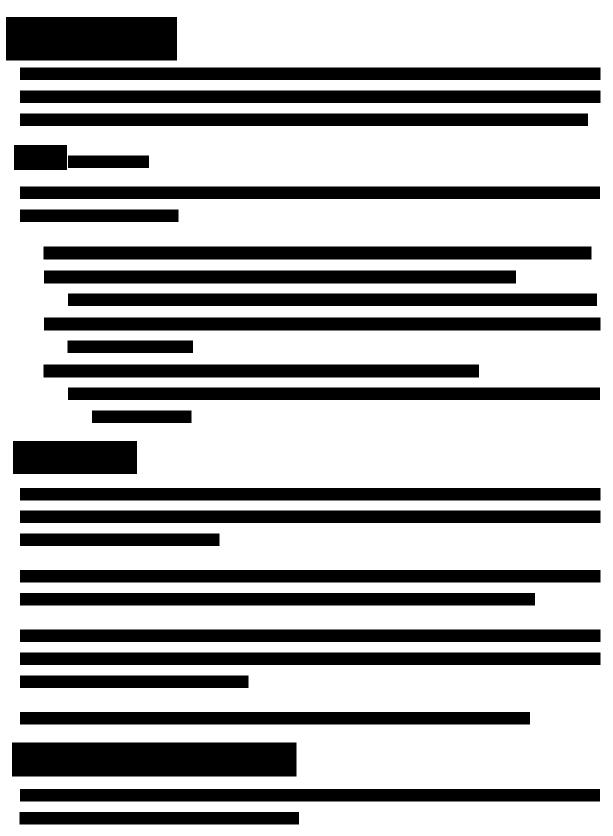
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4.2 	Status	
4.2.1		

4.3 Return to Normal Operation

5 XBID Operation in a Disaster Recovery State



6	Failure of Two Data Centers	

Backup and Restore Procedures

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A. Appendix – Failover and Disaster Scenario Examples

