Setting up Adeptia
For Failover

343 West Erie, Suite 440
Chicago, IL 60654, USA
Phone: (312) 229-1727 x111
Fax: (312) 229-1736

DOCUMENT INFORMATION

Adeptia Suite Failover Guide
Adeptia Suite Version 6.2
Printed June 2014
Printed in USA

Adeptia Support Information

For support queries, please contact us at support@adeptia.com.
Access the Adeptia Web site at the following URL:
www.adeptia.com

Copyright

Trademarks

Confidentiality

Disclaimer

Table of Contents

1

PREFACE

The purpose of this document is to provide steps needed to setup Adeptia Server for fail over.

SETUPS

This section defines the component that need to be setup for fail over:

FAILOVER SETUP

There are two options for database failover.   Both options can be implemented as well.

Database System Replication

This option can be used if the database changes are infrequent.   Schedule an automated backup of the Database OS instance in VM management tool for as frequently as needed to take complete snapshot of the database server instance.

Database Real-Time Replication

This option must be used if the database changes are frequent. Real-Time database replication can be setup to minimize the loss of data

Adeptia Server Snapshot

Schedule a backup of the entire Adeptia Server instance in the VM management tool for as frequently as needed to take complete snapshot of the Adeptia instance.

If the Adeptia Repository or the Recovery folder is setup on a mapped disk space, then those disks spaces or the folder must be backed up separately.

FAILURE RECOVERY

This section defines the steps that need to be followed in case of fail over:

Database Failure From Snapshot

- Stop Kernel and WebRunner Adeptia Services
- Create an instance from the Database Server backup

- Assign same IP address as the failed database server
- Start the Database Services
- Start Kernel and WebRunner Adeptia Services

Database Failure From Replicated Database

- Stop Kernel and WebRunner Adeptia Services
- Stop the Database Service on the Replication Server
- Assign the same IP address as the failed database server to the replication server
- Start the Database Services
- Start Kernel and WebRunner Adeptia Services
- Verify database connectivity
- Verify if the Adeptia Service is running as expected

Adeptia Server Failure Recovery

- Restore Adeptia from the VM snapshot.
- If the Adeptia Repository folder was mapped on an attached drive, restore repository folder and map it to same path as mentioned under the property "abpm.repository.address" in server-configure.properties.
- If the Adeptia Recovery folder was mapped on an attached drive, restore recovery folder and map it to same path as mentioned under the property "abpm.recovery.repository.root" in server-configure.properties.
- Assign same IP address as that of failed server instance.
- Verify the Firewall and port access
- Verify for the folders accesses that are configured used by events
- Start Adeptia Kernel and WebRunner services
- Verify if the service is running as expected including the WebService providers