

# DESCRIPTION

# NOTES

	DESCRIPTION	NOTES
<p><b>TIER 4</b></p>	<p><b>DEDICATED MODEL</b></p> <ul style="list-style-type: none"> <li>• RTO 1 HOUR</li> <li>• RPO 15 MINUTES</li> <li>• HOT STANDBY SERVERS</li> <li>• FULL PRODUCTION CAPABILITIES</li> </ul> <ul style="list-style-type: none"> <li>• FULLY REDUNDANT PRODUCTION NETWORK</li> <li>• ACTIVE/ ACTIVE DATABASE AND APPLICATION LAYERS</li> <li>• AUTOMATIC LOAD-BALANCING, FAULT DETECTION AND TOLERANCE</li> </ul>	<ul style="list-style-type: none"> <li>• AUTOMATIC RECOVERY USING DATABASE AND APPLICATION FAULT DETECTION/TOLERANCE WITH NO HUMAN INTERVENTION REQUIRED</li> <li>• STS SAN REPLICATION NOT AVAILABLE; DATA SYNC MUST RESIDE ON DATABASE AND APPLICATION LAYERS</li> <li>• DEDICATED DATABASE ONLY; CANNOT UTILIZE SHARED SQL/ ORACLE/MYSQL</li> </ul>
<p><b>TIER 3</b></p>	<p><b>DEDICATED MODEL</b></p> <ul style="list-style-type: none"> <li>• RTO 8 HOUR</li> <li>• RPO 30 MINUTES</li> <li>• HOT STANDBY SERVERS</li> <li>• FULL PRODUCTION CAPABILITIES</li> <li>• FULLY REDUNDANT PRODUCTION NETWORK</li> </ul> <ul style="list-style-type: none"> <li>• ASYNCHRONOUS SAN REPLICATION AT BLOCK LEVEL</li> <li>• MANUAL FAILOVER</li> <li>• DEDICATED OR SHARED DATABASE ENVIRONMENTS</li> <li>• STS INFRASTRUCTURE AND STS ENTERPRISE – CRITICAL APPLICATIONS WILL BE BROUGHT BACK ONLINE DURING THIS TIER’S RTO.</li> </ul>	<ul style="list-style-type: none"> <li>• ALL STS CRITICAL ENTERPRISE SYSTEMS ARE RECOVERED FIRST</li> <li>• SECOND IN DISTRIBUTED SYSTEMS FAULT MANAGEMENT TIERS</li> <li>• ALL TIER 3 ENVIRONMENTS WILL BE RECOVERED PRIOR TO TIER 2 ENVIRONMENTS</li> </ul>
<p><b>TIER 2</b></p>	<p><b>REPURPOSE MODEL</b></p> <ul style="list-style-type: none"> <li>• RTO 16 HOURS</li> <li>• RPO 1 HOUR</li> <li>• REPURPOSE DEV/TEST/QA SERVERS AT DR DATA CENTER</li> </ul> <ul style="list-style-type: none"> <li>• FULL OR LIMITED PRODUCTION CAPABILITIES</li> <li>• SET UP AND CONFIGURATION OF DR SERVERS</li> <li>• ASYNCHRONOUS SAN REPLICATION AT BLOCK LEVEL</li> <li>• REDUNDANT PRODUCTION NETWORK</li> <li>• MANUAL FAILOVER</li> <li>• DEDICATED OR SHARED DATABASE ENVIRONMENTS</li> </ul>	<ul style="list-style-type: none"> <li>• REPURPOSE EXISTING SERVERS @ DR DATA CENTER</li> <li>• FULL/LIMITED PRODUCTION CAPABILITY</li> <li>• REDUNDANT PRODUCTION NETWORK</li> <li>• SETUP/CONFIGURE SERVERS/SOFTWARE</li> <li>• MANUAL FAILOVER</li> <li>• THIRD IN DISTRIBUTED SYSTEMS FAULT MANAGEMENT TIERS</li> <li>• TIER 2 ENVIRONMENTS WILL BE RECOVERED AFTER TIERS 4 &amp; 3</li> </ul>
<p><b>TIER 1</b></p>	<p><b>VIRTUAL MACHINE MODEL</b></p> <ul style="list-style-type: none"> <li>• 5 WEEKS OR MORE</li> <li>• NO HARDWARE REDUNDANCY ACROSS DATA CENTERS</li> <li>• NO SAN REPLICATION</li> </ul> <ul style="list-style-type: none"> <li>• INCLUDES ONE BACKUP/RESTORE TEST PER SERVER PER YEAR.</li> <li>• AD-HOC RESTORE REQUEST WITH TWO-WEEK NOTICE.</li> <li>• NO SCHEDULED TESTING.</li> </ul>	<ul style="list-style-type: none"> <li>• ENTERPRISE BACKUP SOLUTION BILLED SEPARATELY BY STS @ \$0.30 PER GB</li> <li>• REQUIRES STS TO CONFIGURE NEW VM BASED UPON AVAILABLE CAPACITY</li> <li>• AGENCY MUST UTILIZE STS ENTERPRISE BACKUP SOLUTION</li> </ul>