**Azure Database for PostgreSQL 15: Compliance & Security Checklist**

Use this checklist to ensure your PostgreSQL deployments meet security and compliance standards. It was created based on the requirements at my workplace; modify it according to your needs. It is available in Word format for editing and can be exported as a PDF.

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| Item Name | Standard | Implementation |
| Workload Type | Production: Production servers  Development: Non-Production servers | Preferably during creation  Azure Policy will also work |
| Tags | Mandatory: ApplicationId and Environment | Azure Policy |
| Maintenance Schedule | Production: Custom  Non-production: System-managed | Azure Policy |
| Backup Retention | Production:  PIT 7-35 days\*  LTR up to 10 years\*  Non-production: Zero retention | Azure Policy  If there are excessive variations, Azure Functions might be a suitable option. |
| Backup Redundancy | Production: Geo-redundant  Non-production: Locally redundant | Azure Policy |
| Resource Lock | Production: Delete Lock | Azure Policy |
| Compute Tier | Production: General Purpose or Memory Optimized  Non-production: Burstable is allowed | Azure Policy |
| Storage Auto-growth | In agreement with System Owners | Azure Policy  If there are excessive variations, Azure Functions might be a suitable option. |
| Enhanced Metrics | Production: Mandatory  Non-production: Optional | Azure Policy |
| Diagnostic Settings | Production: Mandatory | Azure Policy |
| Server Logs | Production: Mandatory | Azure Policy |
| High Availability and Disaster Recovery | Production: Zone redundancy and read replica with virtual endpoints | Azure Policy |
| Authentication Mode | Entra authentication only  PostgreSQL authentication only by exception | Azure Policy  If there are excessive variations, Azure Functions might be a suitable option. |
| Private Endpoint | Mandatory for all servers | Azure Policy |
| Defender for Cloud | Mandatory for all servers | Azure Policy |

\* Based on Application requirements

📧 **taiob@sqlworldwide.com** | 🌐 <sqlworldwide.com>