

Sprint 4 Review: Complete compute, storage, and database security configurations

- ✓ Sprint Status - **Complete**
- ✓ Project Status - 57% Complete
- ✓ Items Completed - 13 Tasks
- ✓ Sprints Left for Completion - 3
- ✓ Project on Budget - **Yes**

Things to Demo	Quick Updates	What is Next
Task 1 Complete Encrypt Azure Virtual Machines and enable Just-in-Time (JIT) access.		Sprint 3 Configure security operations and monitoring.
Task 2 Complete Configure access controls for storage accounts (Azure Blob Storage, Files, and Queues)		
Task 3 Complete Enable Transplant Data Encryption (TDE) for Azure SQL Database		

Sprint 4 - Task 1 Captures

Encrypt Azure Virtual machines and enable just-in-time (JIT) access

<https://learn.microsoft.com/en-us/training/modules/advanced-security-compute/10-azure-data-encryption>

DataWorks Virtual Machine with an Encrypted Disk

Just-in-time VM access ☆ ...
Last week

- > What is just-in-time VM access?
- > How does it work?

Virtual machines

Configured Not Configured Unsupported

VMs for which the just-in-time VM access control is already in place. Presented data is for the 1

1 VMs

Search to filter items...

Virtual machine ↑↓	Approved ↑↓
<input type="checkbox"/> DataWorks-SQL-HR	0 Requests

DataWorks JIT Configured on the Virtual Machines

DataWorks-SQL-HR_OsDisk_1_c023478025fc4b82acad849c350a7192 | Encryption ☆ ...

Disk

Search Save Discard Refresh Give feedback

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Configuration

Size + performance

Encryption

Azure offers server-side encryption with platform-managed keys by default for managed disks. You may optionally choose to use a customer-managed key. [Learn more](#)

Key management ⓘ


Customer-managed key: DataWorks_Disk_Encryption

Sprint 4 - Task 2 Captures

Configure access controls for storage accounts (Azure Blob storage, files, and Queues)

<https://learn.microsoft.com/en-us/training/modules/security-storage/3-authorize-requests-azure-storage>

DataWorks User (Blob)
given access as
contributor to Blob
storage

 blob | Azure role assignments ...


User

Search

If this identity has role assignments that you don't have permission to read, they won't be shown in the list. [Learn more](#)

Subscription *

Azure subscription 1

Role	Resource Name	Resource Type	Assigned To
Storage Account Contributor	 dataworksstorageaccount	Storage account	blob

Sprint 4 - Task 3 Captures

Enable Transparent Data Encryption (TDE) for Azure SQL Database

<https://learn.microsoft.com/en-us/training/modules/security-azure-sql-database-azure-sql-managed-instance/8-transparent-data-encryption>

DataWorks SQL Server
has TDE enabled

