Troubleshoot for Azure SQL Threat Detection Alerts

Last updated by | Charlene Wang | Oct 14, 2020 at 8:37 PM PDT

Contents

Classification

Guide the client to follow below steps to view alert details

If need further help, then open ICM to

Azure SQL DB | Auditing, Threat Detection, VA, Classification

Step 1. Click **View recent SQL alerts** in the e-mail alert or by clicking on the SQL security tile within database blade in Azure portal top view active threats on the database

Azure SQL database



Suspicious database activity on server 'tttest', coming from a potentially harmful application ".



■ Access details

Subscription f356b232-d23f-403f-b5cc-84e9be2d9f20

Server tttest

Database testdb

IP Address 167.220.255.47

Principal name ad*****

Application

Country/region Singapore

Date November 27, 2017 09:24:44 UTC

Investigation View suspicious activity

Potential causes Penetration testing, malicious activity

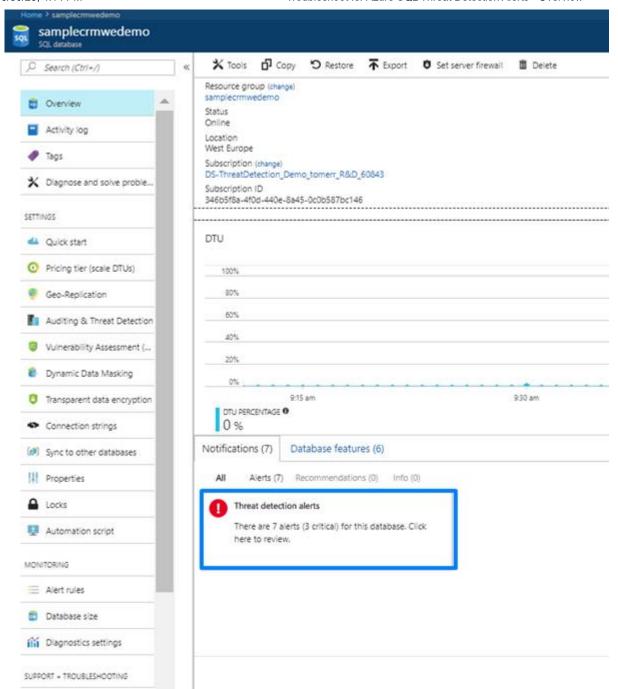
Recommendations It is recommended that you inspect the database audit logs

around the time of the event to validate whether this activity

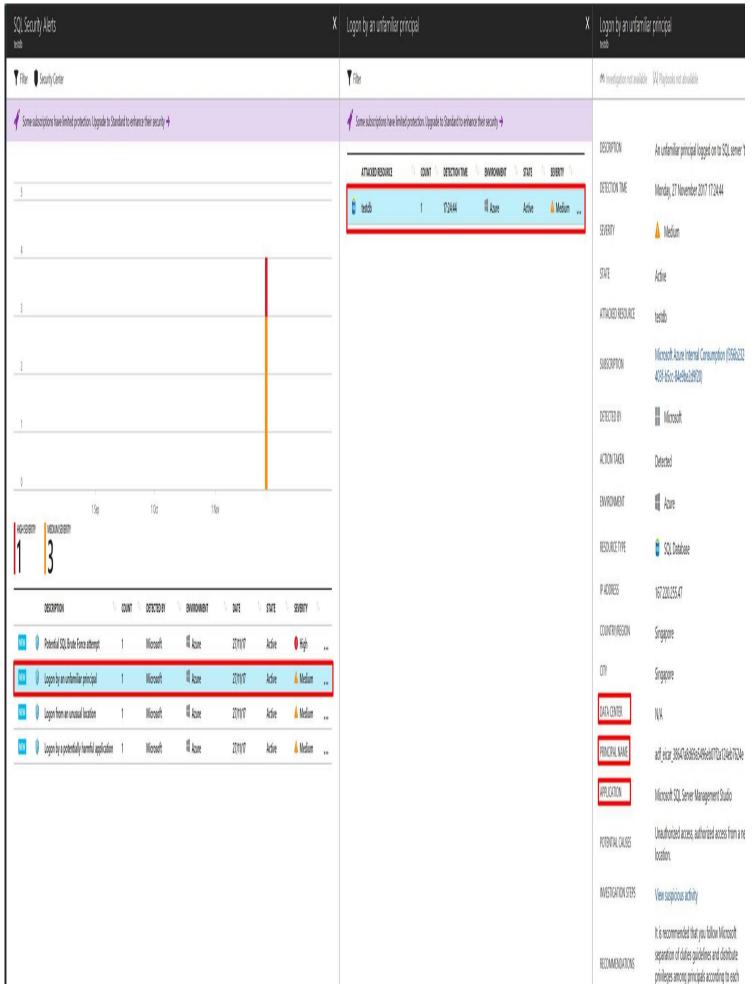
is expected.

It is also recommended that you enforce the use of strong passwords and do not re-use them across multiple databases

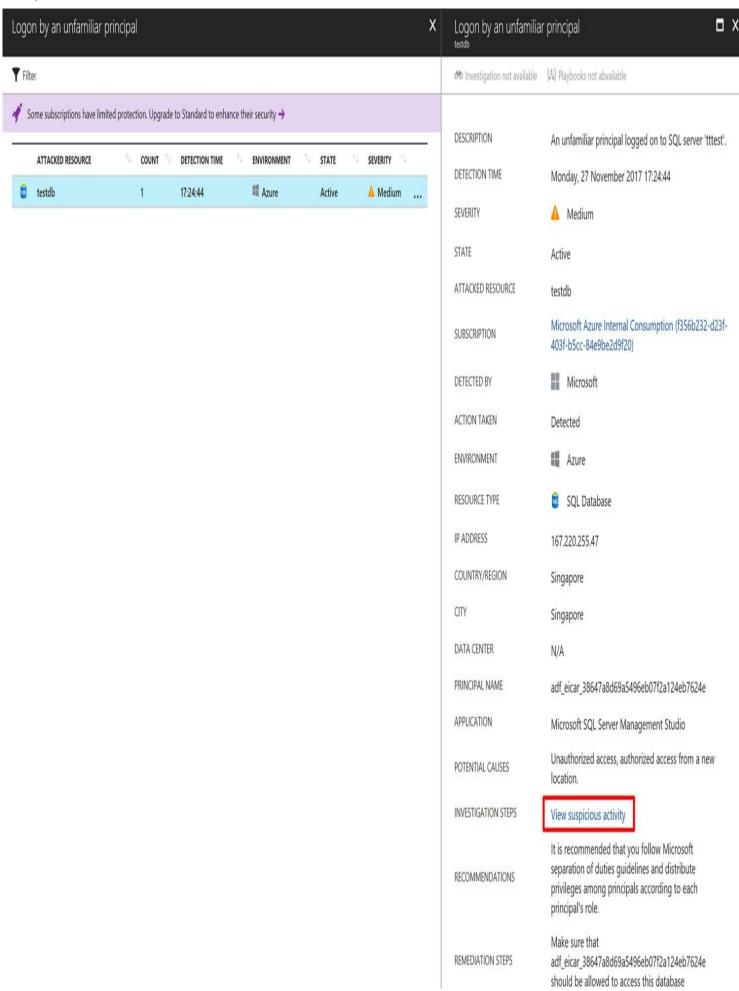
and lock down your firewall as tightly as possible.



Step 2. Click on a **specific alert** provides additional details and actions for investigating and preventing similar threats in the future including the full unfamiliar **Principal**, **Application name** and **Azure Data center** that have accessed your database.



Step 3. Click on the **View suspicious Log** to open SQL audit log records around the time of the event, making it easy to find the SQL statements that were executed (who accessed, what he did and when). As the owner of the database you are the only one that can determine if this was legitimate or malicious access by inspecting the nature of the database activities that were recorded in the SQL audit log around the time of the event.



Classification

Root cause path -

Workload performance/Other/Uncoded

How good have you found this content?



