Security answers

Answer 1:

Answer 2:

USE [master]

GO

CREATE LOGIN [pola] WITH DEFAULT\_DATABASE=[master], DEFAULT\_LANGUAGE=[us\_english], CHECK\_EXPIRATION=OFF, CHECK\_POLICY=ON

GO

use [Northwind]

GO

DENY ALTER ON [dbo].[Employees] TO [pola]

GO

use [Northwind]

GO

DENY CONTROL ON [dbo].[Employees] TO [pola]

GO

use [Northwind]

GO

DENY DELETE ON [dbo].[Employees] TO [pola]

GO

use [Northwind]

GO

DENY INSERT ON [dbo].[Employees] TO [pola]

GO

use [Northwind]

GO

DENY REFERENCES ON [dbo].[Employees] TO [pola]

GO

use [Northwind]

GO

DENY SELECT ON [dbo].[Employees] TO [pola]

GO

use [Northwind]

GO

DENY TAKE OWNERSHIP ON [dbo].[Employees] TO [pola]

GO

use [Northwind]

GO

DENY UPDATE ON [dbo].[Employees] TO [pola]

GO

use [Northwind]

GO

DENY VIEW CHANGE TRACKING ON [dbo].[Employees] TO [pola]

GO

use [Northwind]

GO

DENY VIEW DEFINITION ON [dbo].[Employees] TO [pola]

GO

use [Northwind]

GO

GRANT select ON [dbo].[pola\_view] TO [pola]

GO

Answer 5:

USE [master]

GO

CREATE LOGIN [Bob] WITH PASSWORD=N'bob010119',

DEFAULT\_DATABASE=[master], CHECK\_EXPIRATION=ON, CHECK\_POLICY=ON

GO

USE [eDate]

GO

CREATE USER [Bob] FOR LOGIN [Bob]

GO

Answer 6:

USE [eDate]

GO

CREATE USER [Bob] FOR LOGIN [Bob] WITH DEFAULT\_SCHEMA=[dbo]

GO

Answer 7:

When a connection attempt is rejected because of an authentication failure that involves a bad password or user name. To increase security, the error message that is returned to the client deliberately hides the nature of the authentication error. However, in the SQL Server error log, a corresponding error contains an error state that maps to an authentication failure condition.

Answer 8:

USE [master]

GO

EXEC xp\_instance\_regwrite N'HKEY\_LOCAL\_MACHINE',

N'Software\Microsoft\MSSQLServer\MSSQLServer', N'LoginMode', REG\_DWORD, 2

GO

Answer 9:

I was able to log in with Bob login.

Answer 10:

select \*

from Operation.members

The SELECT permission was denied on the object 'Members', database 'eDate', schema 'Operation'.

Answer 11:

USE [eDate]

GO

CREATE ROLE [Bobs]

GO

USE [eDate]

GO

ALTER AUTHORIZATION ON SCHEMA::[Lists] TO [Bobs]

GO

USE [eDate]

GO

ALTER AUTHORIZATION ON SCHEMA::[Operation] TO [Bobs]

GO

use [eDate]

GO

GRANT DELETE ON SCHEMA::[Lists] TO [Bobs]

GO

use [eDate]

GO

GRANT INSERT ON SCHEMA::[Lists] TO [Bobs]

GO

use [eDate]

GO

GRANT SELECT ON SCHEMA::[Lists] TO [Bobs]

GO

use [eDate]

GO

GRANT UPDATE ON SCHEMA::[Lists] TO [Bobs]

GO

use [eDate]

GO

GRANT DELETE ON SCHEMA::[Operation] TO [Bobs]

GO

use [eDate]

GO

GRANT INSERT ON SCHEMA::[Operation] TO [Bobs]

GO

use [eDate]

GO

GRANT SELECT ON SCHEMA::[Operation] TO [Bobs]

GO

use [eDate]

GO

GRANT UPDATE ON SCHEMA::[Operation] TO [Bobs]

GO

Answer 12:

USE [eDate]

GO

ALTER ROLE [Bobs] ADD MEMBER [Bob]

Answer 13:

select \*

from [Operation].[Members]

Permission granted

Answer 14:

use [eDate]

GO

DENY SELECT ON [Operation].[Members] TO [Bob]

GO

Answer 15:

select \*

from [Operation].[Members]

The SELECT permission was denied on the object 'Members', database 'eDate', schema 'Operation'.