**Step 1:**

**Create Log Table in DBAAdmin database:**

USE [DBAAdmin]

GO

/\*\*\*\*\*\* Object: Table [dbo].[tbl\_UpdateStatLog] Script Date: 7/13/2021 11:59:12 AM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[tbl\_UpdateStatLog](

[rid] [bigint] IDENTITY(1,1) NOT NULL,

[db\_\_name] [varchar](500) NULL,

[cmd] [varchar](max) NULL,

[time\_taken] [bigint] NULL,

[createdDate] [datetime] NULL

) ON [PRIMARY] TEXTIMAGE\_ON [PRIMARY]

GO

**Step 2:**

**Create USP\_UpdateStat\_ModifiedRowCountBasis in new User Database**

USE [DB\_Name]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[usp\_updatestat\_ModifiedRowCountBasis] Script Date: 7/13/2021 11:59:43 AM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE proc [dbo].[usp\_updatestat\_ModifiedRowCountBasis]

@rcnt int

as

set nocount on

delete from dbaadmin..tbl\_UpdateStatLog where db\_\_name=db\_name(db\_id()) and createdDate<=convert(date,dateadd(dd,-2,getdate()))

create table #stat (st\_id int identity(1,1), cmd varchar(max))

insert into #stat (cmd)

select

distinct 'update statistics ['+sch.name+'].['+st.name+ '] with fullscan,maxdop=0' cmd

from

sys.tables st

inner join sys.schemas sch on st.schema\_id=sch.schema\_id

inner join sys.stats ss on st.object\_id=ss.object\_id

cross apply sys.dm\_db\_stats\_properties(ss.object\_id,ss.stats\_id) sp

where modification\_counter>@rcnt

declare @cnt int, @cmd nvarchar(max), @dt datetime

select @cnt=1

if exists(select 1 from #stat)

begin

while ((select count(1) from #stat ) > 0)

begin

--print 'in'

select @cmd=cmd from #stat where st\_id=@cnt

select @dt=getdate()

exec sp\_executesql @cmd

print @cmd

insert into dbaadmin..tbl\_UpdateStatLog (db\_\_name,cmd,time\_taken,createdDate)

select db\_name(db\_id()),@cmd cmd,datediff(ss,@dt,getdate()) timeTaken\_SS,getdate()

delete from #stat where st\_id=@cnt

select @cnt=@cnt+1

end

end

else

begin

select 'nothing to update stats'

end

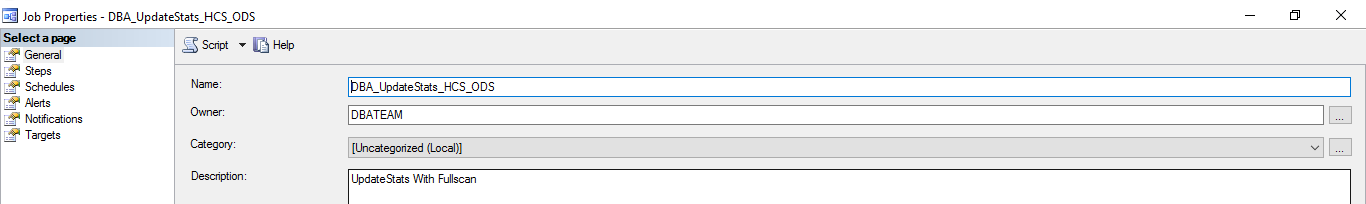
drop table #stat

GO

**Step 3:**

**Create Job and copy following in step 1 of job (Modified\_row\_count to be discussed and set as per app requirement)**

Create Job with proper naming convention as per RGI Standards: (Refer below screenshot)

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**Job Step:**



declare @modified\_row\_count int

select @modified\_row\_count =10000

exec usp\_updatestat\_ModifiedRowCountBasis @modified\_row\_count

go