Site Table DKIM Trigger

Declarations:

Declare @siteid varchar(50)
Declare @counter int
Declare @SQLCmdSites nvarchar(max)
Declare @SQLCmdSiteDomain nvarchar(max)
Declare @SQLCmdSelector nvarchar(max)
Declare @SQLCmdList nvarchar(max)

USE
[Listmanager_MK1]
GO

SET ANSI_NULLS ON
GO

SET QUOTED_IDENTIFIER ON
GO

create TRIGGER [dbo].[DKIM_site_insert_NA]
ON [dbo].[sites_]
After INSERT
AS
SET NOCOUNT ON
IF object_id('nadba.dbo.DKIM_sites') is null
begin
create table nadba.dbo.DKIM_sites(siteID varchar(50))
End
else
begin
truncate table nadba.dbo.DKIM_sites
end

This statement creates the trigger and enables NOCOUNT. Then it passes object_id through an IF statement.

select @siteid=siteid_ from sites_
where Name_=(select Name_ from inserted)
Insert into nadba.dbo.DKIM_sites(siteID) values (@siteid)

Selects @siteid that is equivalent to siteid_ from sites table where Name_ is equivalent to Name_ from inserted.

update sites_
Set DKIMSignOn_ = 'T'
,DKIMSiteSign_ = 'T'
,DKSiteSign_ = 'T'
,DKSignOn_ = 'T'
where SiteId_ = @siteid

Update Site to enable DKIM Signing

insert into lyrSiteDKDomains (SiteId, Domain, IsDefault)
values (@siteid ,'netatlantic.com', 'T')

Insert into the LyrSiteDKDomains the Site ID, default signing domain (netatlantic.com), and set that default.

declare @sitedomainid varchar(50)
set @sitedomainid = (select max(sitedomainid) from lyrSiteDKDomains where siteid = @siteid)

Add the selector record, related to the new record placed in the SiteDKDomain table using the (SiteDomainID)

insert into lyrDKSelectors
(IsActive, SiteDomainId,
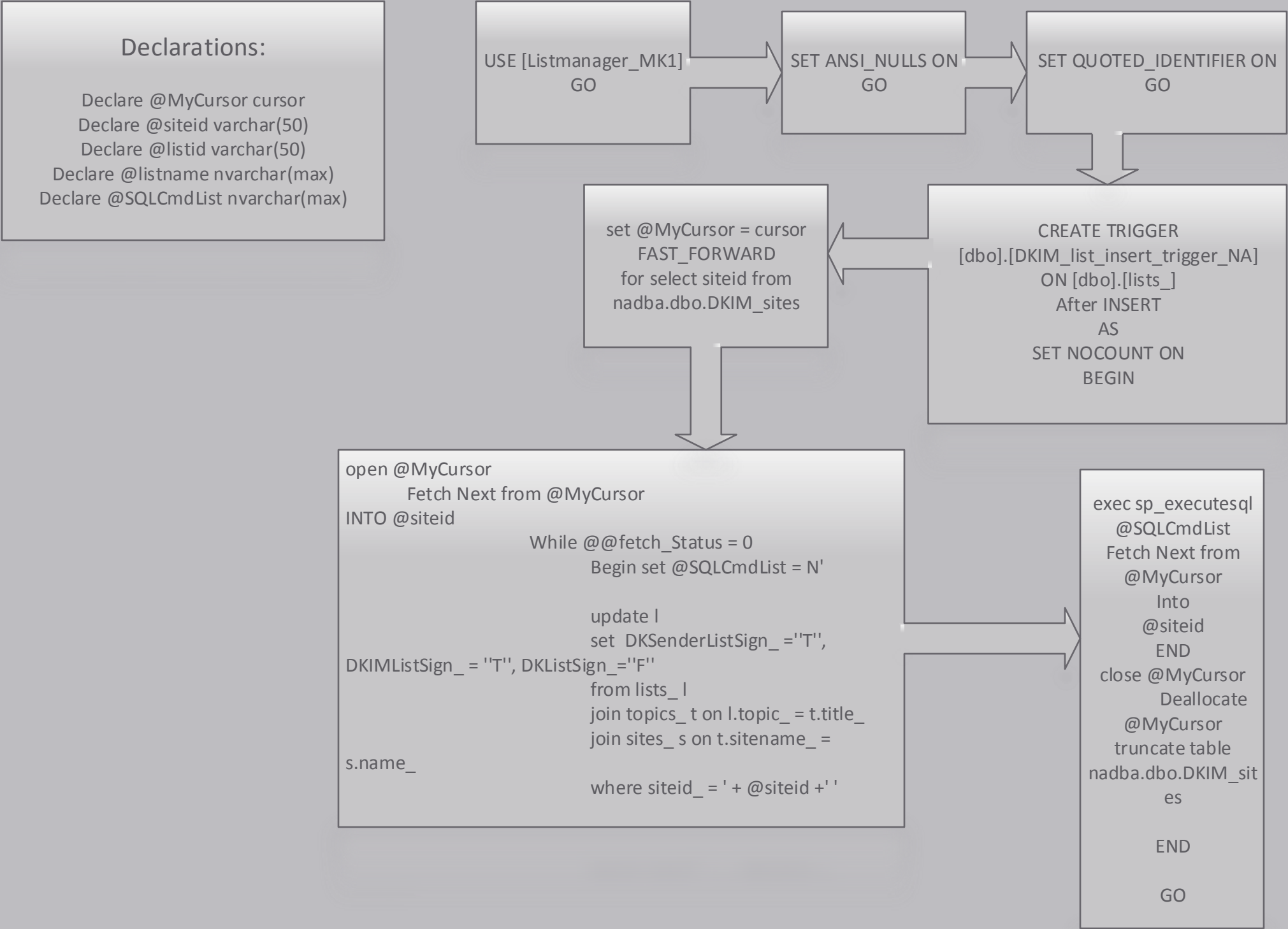Selector, PrivateKey,
PublicKey, KeyBits)

values ('T',@sitedomainid ,'namk12011','-----BEGIN RSA PRIVATE KEY-----
<Private Key Vaule>
-----END RSA PRIVATE KEY-----

', null, '1024')

These are the values that get passed. This also has the private RSA key.

SET NOCOUNT OFF

GO

List Table DKIM Trigger

Declarations:

Declare @MyCursor cursor
Declare @siteid varchar(50)
Declare @listid varchar(50)
Declare @listname nvarchar(max)
Declare @SQLCmdList nvarchar(max)

USE [Listmanager_MK1]
GO

SET ANSI_NULLS ON
GO

SET QUOTED_IDENTIFIER ON
GO

CREATE TRIGGER
[dbo].[DKIM_list_insert_trigger_NA]
ON [dbo].[lists_]
After INSERT
AS
SET NOCOUNT ON
BEGIN

set @MyCursor = cursor
FAST_FORWARD
for select siteid from
nadba.dbo.DKIM_sites

```
open @MyCursor
        Fetch Next from @MyCursor
INTO @siteid
                        While @@fetch_Status = 0
                                Begin set @SQLCmdList = N'

                                update l
                                set  DKSenderListSign_ =''T'',
DKIMListSign_ = ''T'', DKListSign_=''F''
                                from lists_ l
                                join topics_ t on l.topic_ = t.title_
                                join sites_ s on t.sitename_ =
s.name_

                                where siteid_ = ' + @siteid +' '
```

```
exec sp_executesql
@SQLCmdList
Fetch Next from
@MyCursor
Into
@siteid
END
close @MyCursor
Deallocate
@MyCursor
truncate table
nadba.dbo.DKIM_sit
es

END

GO
```

DKIM Tables and Triggers

DKIM triggers

DKIM_site_insert_NA (on the sites_ table)
DKIM_list_insert_trigger_NA (on the lists_ table)

DKIM tables

sites_
SiteID_,
DKSiteSign_,
DKIMSiteSign_,
DkSignOn_,
DKIMSignOn_,

lyrSiteDKDomains
SiteDomainID,
SiteID ,
Domain,
IsDefault

lyrDKSelectors
SelectorID,
IsActive,
SiteDomainID,
Selector,
PrivateKey,
PublicKey,
KeyBits

Lists_
DKListSign_,

DKSenderListSign_,
DKIMListSign_,
ListID_