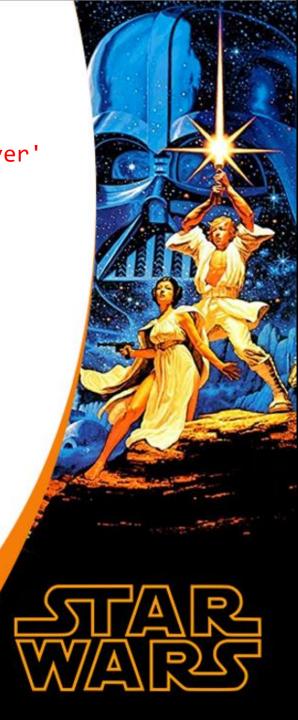


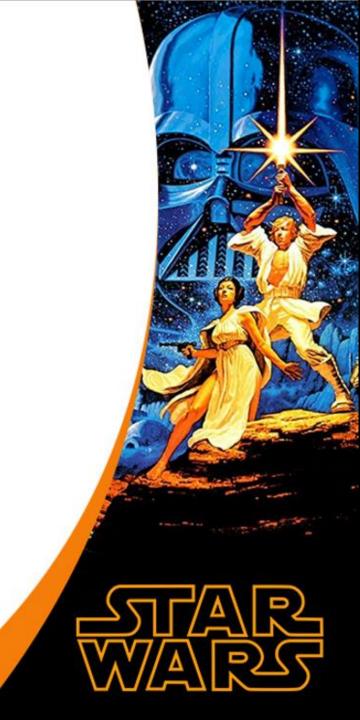
```
DECLARE @v_SQL
                                [NVARCHAR] (MAX)
       ,@v_TBL
                                                                 = 'Dim_Server'
                                [SYSNAME]
       ,@v_Max
                                [INT];
SELECT @v_Max
                               = MAX(ORDINAL_POSITION)
  FROM INFORMATION_SCHEMA.COLUMNS
 WHERE TABLE_NAME
                               = @v_TBL;
SELECT @v_SQL
                               = @v_SQL + '[' + COLUMN_NAME + ']' +
    CASE WHEN ORDINAL_POSITION = @v_Max
         THEN "
         ELSE ', '
          END
  FROM INFORMATION_SCHEMA.COLUMNS
 WHERE TABLE_NAME
                               = @v_TBL;
```





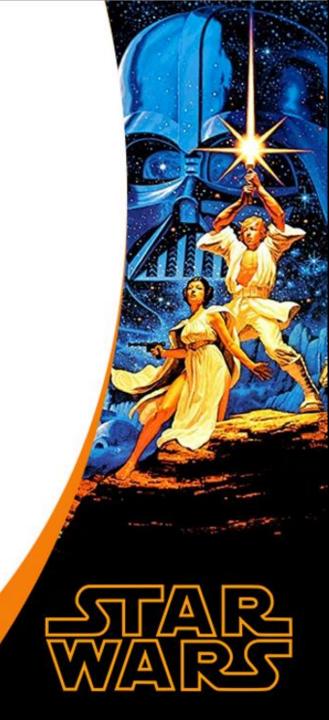


```
SELECT TOP 5 [Card]
  FROM [CardDeck]
  ORDER BY NEWID();
```













BACK DOOR #1: READ FROM THE WINDOWS REGISTRY

<u>Problem:</u> We need to programmatically get the "True" Domain of the SQL Server Instance we are currently logged into.

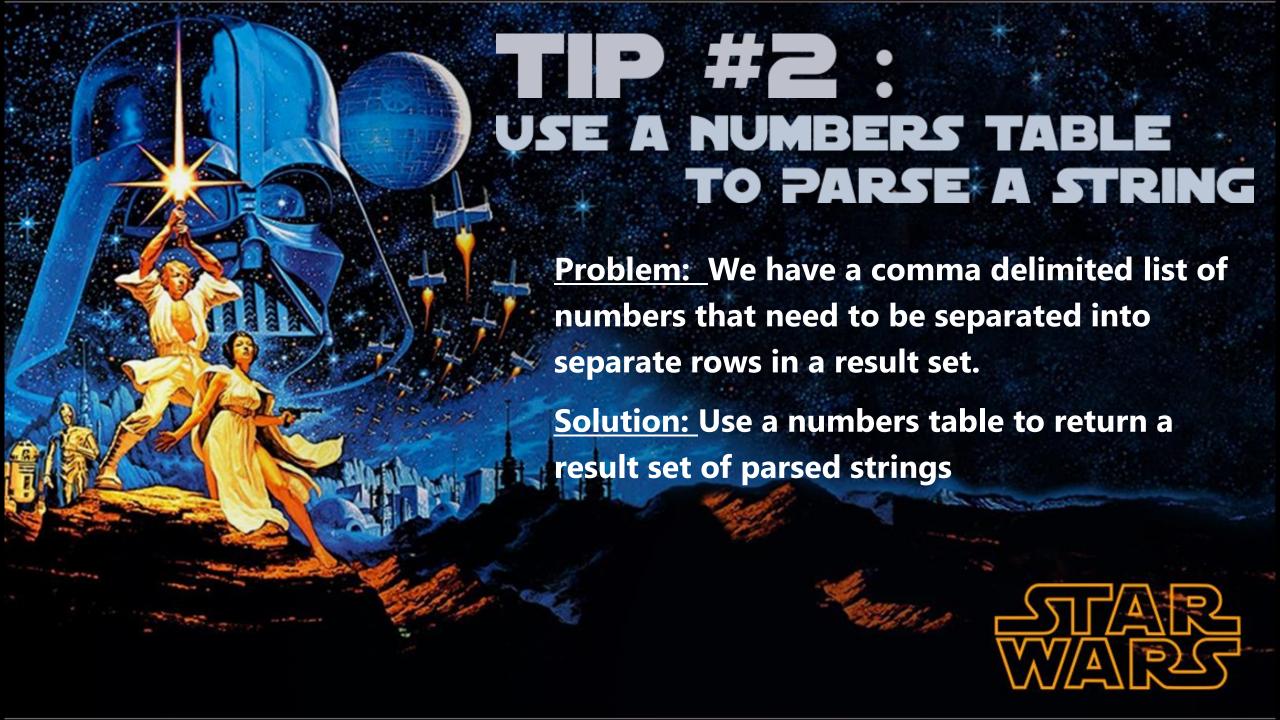
Extended Problem: We think the company is using aliases.

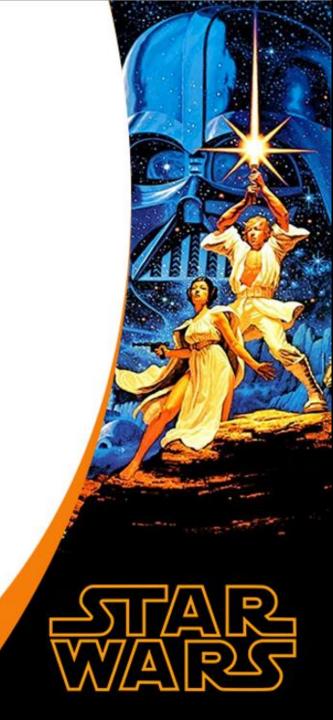
Solution: Grab the "True" Domain name from the Windows Registry (Since we cannot use xp_cmdshell).

```
DECLARE @v_Domain [NVARCHAR](100);
EXEC [master].[dbo].[xp_regread]
     @rootkey
                               = 'HKEY_LOCAL_MACHINE'
    ,@key
                               = 'SYSTEM\ControlSet001\Services\Tcpip\Parameter
    ,@value_name
                               = 'Domain'
    ,@value
                               = @v_Domain OUTPUT;
                               AS [@Domain];
SELECT @v_Domain
```













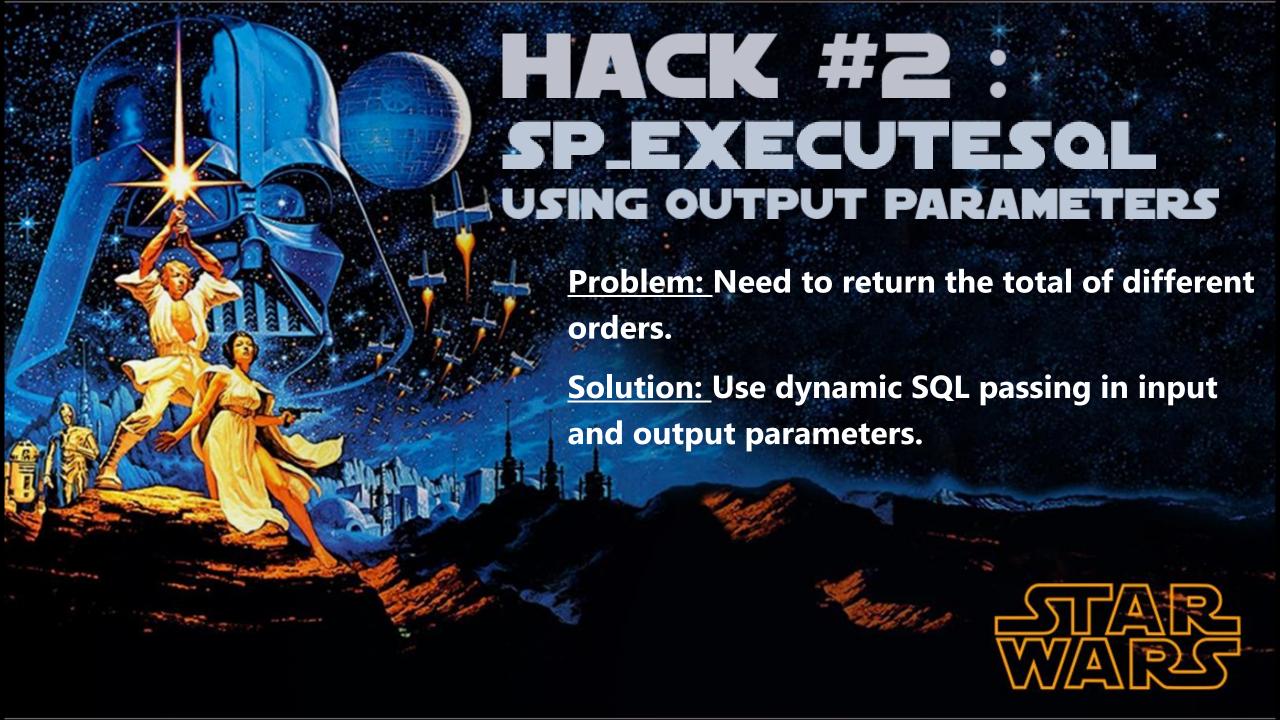
```
/* Select the data out using XML CROSS APPLY */
SELECT a.[xmldemo_id]
      <code>,a.[Value]</code>
      ,b.[SplitData]
  FROM (SELECT *
              ,CAST('<X>' + REPLACE([Value],
                    ',','</X><X>') + '</X>' AS XML)
  FROM #xmldemo)
  CROSS APPLY (SELECT aValue.X.value('.', 'VARCHAR(50)')
AS [SplitData]
                 FROM a.[xmlfilter].nodes('X')
```

AS xmlfilter

AS aValue(X)) b;



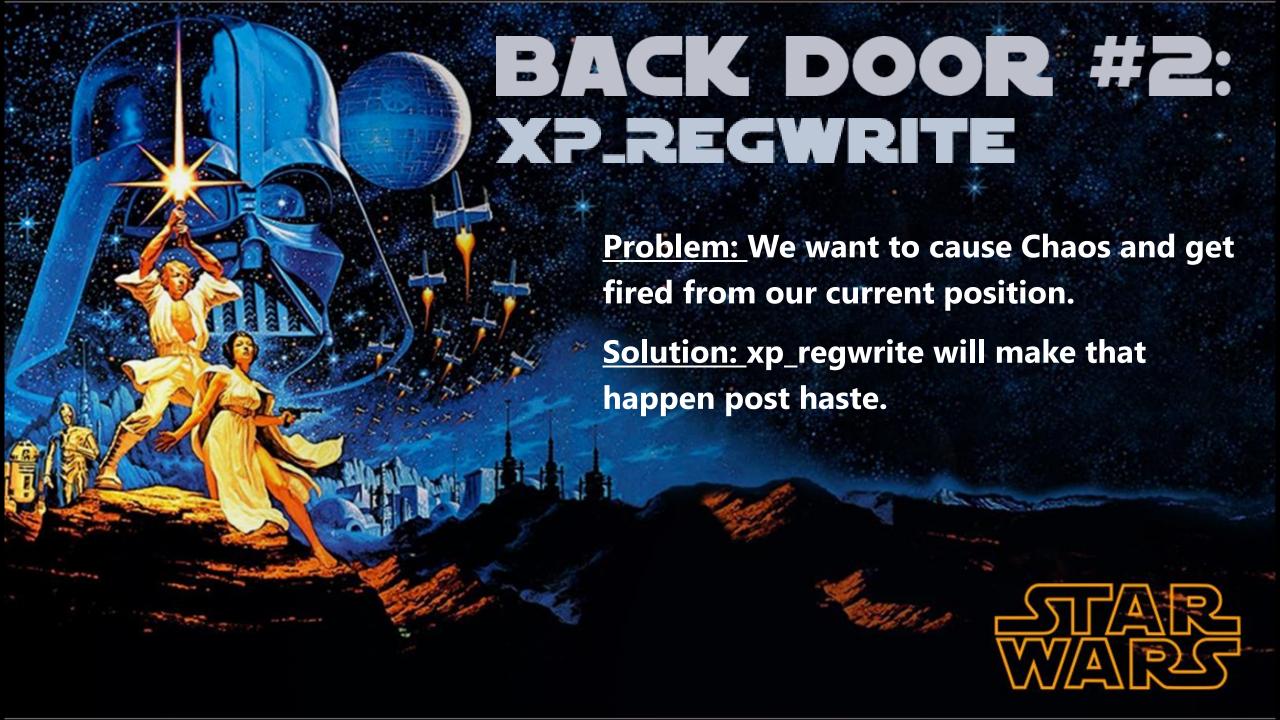




```
SELECT @v_SQL = N'
 SELECT @d_TotalPrice = SUM([Cost]) OVER(PARTITION BY [Order])
   FROM [OrderItems]
  WHERE [Order] = @d_Order
  ORDER BY [Order]
 OFFSET 0 ROWS FETCH FIRST 1 ROW ONLY; ';
EXEC sp_executesql
 @stmt
                    = @v SQL
         = N'@d_Order AS SYSNAME, @d_TotalPrice AS FLOAT OUT'
 ,@params
         = @v_Order -- Input param
 ,@d_Order
 ,@d_TotalPrice = @v_Total OUTPUT; -- output param
```







```
EXEC [master].[dbo].[xp_regWrite]
    @rootkey = 'HKEY_LOCAL_MACHINE'
    @key = 'SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\System\'
    ,@value_name = 'legalnoticecaption'
   ,@type = 'REG_SZ'
,@value = 'WARNING!!!';
EXEC [master].[dbo].[xp_regWrite]
    @rootkey = 'HKEY_LOCAL_MACHINE'
    ,@key = 'SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\System\'
    ,@value_name = 'legalnoticetext'
    "@type = 'REG_SZ*
    @value = 'You are about to release the CLEAR LETHAL ODORLESS GAS..
AWAY!!!!!!';
```





