Dbvisit Replicate
Proof of Concept Guide
## Contents

1. Why Use This Guide? 3  
2. Before the POC Begins (Pre Work) 4  
3. Test Criteria 5  
4. POC Review 6
1. Why Use This Guide?

A Proof of Concept (POC) is a demonstration of Dbvisit Replicate in a customer’s environment. Typically the test environment - the operating systems, network connection, databases and data - will closely resemble that used in production. In this way, the customer can test and provide proof of how the product works in their environment.

The POC must be run on a test or dev system, and not on any kind of production environment. “Best practices” of database management mandate this approach, and we don’t support any other.

Also consider testing with only a moderate sized schema for the initial tests; this will ensure that testing can be done in a reasonable timeframe.

The POC is not the final implementation of Dbvisit Replicate. The work done, however, can form the basis of the implementation.
# 2. Before the POC Begins (Pre Work)

<table>
<thead>
<tr>
<th>Item</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>POC Objectives</strong></td>
<td>Customer will discuss their business needs with their service provider to ensure that the POC will test for those objectives. Included in this conversation will be an architectural overview about what business problem they are trying to solve.</td>
</tr>
<tr>
<td><strong>POC Test Plan</strong></td>
<td>A concrete list of tests is to be defined stating exactly what tests will be conducted.</td>
</tr>
<tr>
<td><strong>Script and POC checklist document</strong></td>
<td>Customer will return the script output and the completed POC checklist document to their service provider prior to scheduling of POC.</td>
</tr>
<tr>
<td><strong>Customer environment</strong></td>
<td>The customer/service provider is to ensure that the environments that will be used for the POC will be ready and accessible before the POC commences.</td>
</tr>
<tr>
<td><strong>Customer &amp; Service Provider Signoff</strong></td>
<td>Checkpoint to ensure both parties agree on objectives that the checklist is complete and that both parties are ready to commence POC. Timeframe for completion of POC must also be agreed.</td>
</tr>
<tr>
<td><strong>Primary Contacts for duration of POC</strong></td>
<td>Service Provider:</td>
</tr>
<tr>
<td></td>
<td>Customer:</td>
</tr>
<tr>
<td><strong>POC begins</strong></td>
<td>A typical install takes about 1 hour if all of the previous items are set up correctly. After the install (with adequate prior notice), Dbvisit staff can assist in running a few tests to get you on your way. This should take approximately 2-3 hours.</td>
</tr>
<tr>
<td><strong>POC Ends</strong></td>
<td>Once POC completed on agreed date, customer technical team to compile test results and set date for POC review meeting.</td>
</tr>
<tr>
<td><strong>POC Review Meeting</strong></td>
<td>Service provider and customer to discuss results to confirm the Dbvisit edition to be purchased and training requirements.</td>
</tr>
</tbody>
</table>
3. Test Criteria

You will find examples below of what is often tested in a POC. This list is representative and not a complete test plan.

It is important to consider the use case and environment. A complete list of tests must be decided before the POC starts.

If Dbvisit is provided with a list of testing criteria we will attempt to review the criteria with the service provider/client team and sponsoring manager(s) prior to beginning the POC.

• Ease of Install
• Ease of Setup
• Ease of Initial Load
• Ease of Reporting/emails/alerting/scripting
• Ease of providing Dbvisit support documents/Debugging
• How to add a table to a running replication stream
• Filter columns
• Performance tests
  o One table
  o Multiple tables
• Failure tests
  o Source Server failure
  o Target Server failure
  o Network failure
  o MINE process failure
  o APPLY process failure
• Impact on operating system
• Impact on database environment
4. POC Review

After the POC has been completed the results of each test should be compiled and then discussed at the POC review meeting between the customer technical staff and service provider.

Once these results are known, Dbvisit Replicate licenses and training can purchased and the implementation project commenced.