BDB backup/export location object

You can back up or export a database's dataset to the following types of locations:

- FTP/S
- SFTP
- Amazon S3
- Google Cloud Storage
- Microsoft Azure Storage
- NAS/Local Storage

Basic parameters

For all backup/export location objects, you need to specify the location type via the type field.

<table>
<thead>
<tr>
<th>Location type</th>
<th>&quot;type&quot; value</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTP/S</td>
<td>&quot;url&quot;</td>
</tr>
<tr>
<td>SFTP</td>
<td>&quot;sftp&quot;</td>
</tr>
<tr>
<td>Amazon S3</td>
<td>&quot;s3&quot;</td>
</tr>
<tr>
<td>Google Cloud Storage</td>
<td>&quot;gs&quot;</td>
</tr>
<tr>
<td>Microsoft Azure Storage</td>
<td>&quot;abs&quot;</td>
</tr>
<tr>
<td>NAS/Local Storage</td>
<td>&quot;mount_point&quot;</td>
</tr>
</tbody>
</table>

Location-specific parameters

Any additional required parameters may differ based on the backup/export location type.

FTP

<table>
<thead>
<tr>
<th>Key name</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>url</td>
<td>string</td>
<td>A URI that represents a FTP/S location with the following format: ftp://user:password@host:port/path The user and password can be omitted if not needed.</td>
</tr>
</tbody>
</table>

SFTP
<table>
<thead>
<tr>
<th>Key name</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>key</td>
<td>string</td>
<td>SSH private key to secure the SFTP server connection. If you do not specify an SSH private key, the autogenerated private key of the cluster is used, and you must add the SSH public key of the cluster to the SFTP server configuration. (optional)</td>
</tr>
<tr>
<td>sftp_url</td>
<td>string</td>
<td>SFTP URL in the format: <code>sftp://user:password@host[:port] [/path/]</code>. The default port number is 22 and the default path is <code>/</code>.</td>
</tr>
</tbody>
</table>

**AWS S3**

<table>
<thead>
<tr>
<th>Key name</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>access_key_id</td>
<td>string</td>
<td>The AWS Access Key ID with access to the bucket</td>
</tr>
<tr>
<td>bucket_name</td>
<td>string</td>
<td>S3 bucket name</td>
</tr>
<tr>
<td>secret_access_key</td>
<td>string</td>
<td>The AWS Secret Access Key that matches the Access Key ID</td>
</tr>
<tr>
<td>subdir</td>
<td>string</td>
<td>Path to the backup directory in the S3 bucket (optional)</td>
</tr>
</tbody>
</table>

**Google Cloud Storage**

<table>
<thead>
<tr>
<th>Key name</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>bucket_name</td>
<td>string</td>
<td>Cloud Storage bucket name</td>
</tr>
<tr>
<td>client_email</td>
<td>string</td>
<td>Email address for the Cloud Storage client ID</td>
</tr>
<tr>
<td>client_id</td>
<td>string</td>
<td>Cloud Storage client ID with access to the Cloud Storage bucket</td>
</tr>
<tr>
<td>private_key</td>
<td>string</td>
<td>Cloud Storage private key that matches the private key ID</td>
</tr>
<tr>
<td>private_key_id</td>
<td>string</td>
<td>Cloud Storage private key ID with access to the Cloud Storage bucket</td>
</tr>
<tr>
<td>subdir</td>
<td>string</td>
<td>Path to the backup directory in the Cloud Storage bucket (optional)</td>
</tr>
</tbody>
</table>

**Azure Blob Storage**

<table>
<thead>
<tr>
<th>Key name</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>account_key</td>
<td>string</td>
<td>Access key for the storage account</td>
</tr>
<tr>
<td>account_name</td>
<td>string</td>
<td>Storage account name with access to the container</td>
</tr>
<tr>
<td>container</td>
<td>string</td>
<td>Blob Storage container name</td>
</tr>
<tr>
<td>sas_token</td>
<td>string</td>
<td>Token to authenticate with shared access signature</td>
</tr>
<tr>
<td>subdir</td>
<td>string</td>
<td>Path to the backup directory in the Blob Storage container (optional)</td>
</tr>
</tbody>
</table>
NAS/Local Storage

<table>
<thead>
<tr>
<th>Key name</th>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>path</td>
<td>string</td>
<td>Path to the local mount point. You must create the mount point on all nodes, and the redislabs:redislabs user must have read and write permissions on the local mount point.</td>
</tr>
</tbody>
</table>

Updated: December 9, 2021

Note: account_key and sas_token are mutually exclusive