



BlastLogic

Server Installation

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Preparation and planning

NOTE: For detailed High Availability planning, please refer to the High Availability section in the BlastLogic Technical Specifications document.

1. Your user account must have sufficient permissions to install software and start Windows services on the designated Windows machine. Typically, this means your account must be a **Local Administrator** of the machine running BlastLogic Server.
2. The BlastLogic Server service runs under a dedicated domain service account. You will need sufficient Active Directory permissions to create the service account. You will also need permission to grant the service account 'Log on as a service' rights either using Local Security Policy on the target machine or using Group Policy.
3. The BlastLogic Server service typically authenticates users against Active Directory. You will need sufficient permissions to execute the SETSPN command on a domain controller to grant the service account permissions to query Active Directory for the purposes of user authentication and retrieving user account details for the purpose of synchronisation.
4. BlastLogic Server uses Microsoft SQL Server as its primary data store. For High Availability deployments it is recommended that a SQL Server High Availability instance be used, for example:
 - Always On Failover Cluster Instance
 - Always On Availability Groups
 - Log shipping
 - Database mirroring (deprecated)

To complete the installation, you will need either:

- Access to an existing SQL Server (2012 or later) instance. If you do not have sufficient permissions to create/restore databases, logins and users, you may need to contact your local Database Administrator to perform some of the installation steps

Or

- To install a new instance of SQL Server (2012 or later). Installing a new instance of SQL Server is outside the scope of this document. Please contact your IT services provider for assistance.
5. BlastLogic Server can serve clients over HTTP or HTTPS. HTTPS is recommended for optimum security. However, it does require a valid certificate trust chain to be in place between a certificate authority, the server machine and all client machines. It is recommended you delegate this to your IT services provider who should install the certificate on the chosen server machine in the Computer Account Personal store before BlastLogic Server is installed.

There are two options for establishing the required SSL certificate infrastructure:

- Internal Certificate Authority (CA)
Typically in an Enterprise network an in-house CA such as Microsoft Active Directory Certificate Services (ADCS) is deployed. This can be used to issue an SSL certificate for your BlastLogic Server, and is the simplest, most cost effective option.

- External Certificate Authority (CA)
If you do not have an internal CA, it is possible to use an external CA such as GeoTrust or RapidSSL. Your BlastLogic Server would need to be installed with a fully qualified host name, e.g. blastlogic.customer.com and then a certificate purchased from the external CA to match that host name.
6. By default, BlastLogic Server serves clients using HTTP on port 80 or HTTPS on port 443. The port and virtual directory path can be specified during installation. The default ports are recommended, however, you may like to discuss port selection with your local IT network services provider rather than accepting the default value. Whatever port you specify, there must be no other software on the server machine listening to the same port.
 7. The BlastLogic Server allows users to upload file attachments. These can be stored on the BlastLogic Server itself, or on a file server by specifying a UNC path. The best place to store attachments depends on High Availability requirements, available disk space and expected consumption. If redundancy is required, it is recommended that file attachments be stored on a redundant file server.
 8. The current distribution of the BlastLogic Server software. This is provided as a ZIP file by Maptek. It is available in 64-bit only and thus requires a Windows 64-bit host.
 9. Microsoft .NET Framework 4.6 or later must be installed.
 10. When installing BlastLogic Server a Server URL must be configured, which includes a host name. By default, this is simply the name of the host computer however it is recommended instead that a DNS CNAME entry be used as the host. There are two main benefits in using a CNAME:
 - If at some point the BlastLogic Server service needs to be moved to another host, this becomes a simple case of updating the CNAME entry to point to the new host. Clients need not be aware of the change and will not need to re-synchronise their local cache.
 - By using a simple and meaningful host name like 'blastlogic' rather than a typical corporate named server like 'AUSBNEYT4874c87', users will find it much easier to remember and correctly type in the server URL. Consider that a simple URL like <http://blastlogic/PROD> is much easier to support than <http://AUSBNEYT4874c87/PROD>

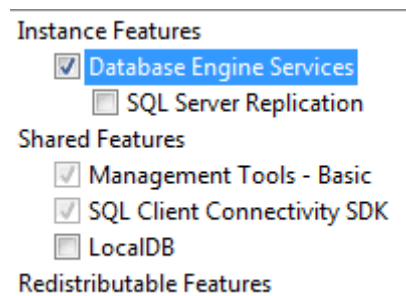
Installing a new Server Instance

STEP 1: INSTALL SQL SERVER

SQL Server 2012 SP4, 2014 SP3, 2016 SP 2, 2017 and 2019 are supported by BlastLogic Server.

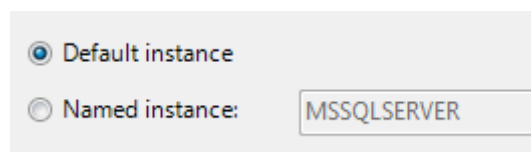
NOTE: The following procedure is for a default, non-redundant SQL Server instance. For large installations or installations requiring High Availability it is recommended that an experienced SQL Server DBA provision a suitably configured instance.

1. Install .NET Framework 4.6 if not already installed
2. Run the SQL Server Installation file
3. When the files have been extracted, select **New SQL Server stand-alone installation or add features to an existing installation**
4. Product Updates: Select **Next**
5. License Terms: Accept the license terms and select **Next**
6. Feature Selection: Select features:



Select **Next**.

7. Instance Configuration: Choose the **Default instance**



Select **Next**

8. Server Configuration: Leave the defaults values and select **Next**
9. Database Engine Configuration:
 - a. Server Configuration tab:
 - i. Select Authentication Mode = **Mixed Mode**
 - ii. Enter a strong password of your choosing and make a note of it (though it is unlikely to be required again)
 - iii. Click **Add Current User**
 - b. Data Directories tab:
 - i. Change the Data root directory to something like **C:\MSSQL** or **D:\MSSQL** (choose a fast hard drive with lots of space if you have more than one to choose from)
 - c. User Instances tab, no change required
 - d. FILESTREAM tab, no change required
 - e. Select **Next**
10. Error Reporting: Your choice. Select **Next**. The installation will now proceed unattended for around 5 to 10 minutes.
11. Complete: Select **Close**

STEP 2: CONFIGURE THE SERVICE ACCOUNT

Note: BlastLogic Server version 2021 and newer require an outgoing firewall rule to allow BlastLogic Server to access account.maptek.com and api.account.maptek.com.

Note: To run BlastMCF on your on-premises server, you need to ensure that the network allows the server application to access <https://api.mcf.account.maptek.com>.

BlastLogic Server 2021 runs as a Windows service that logs on using a least privileged Service Account.

By convention, the Service Account is typically named **BlastLogicService**, but any name can be used.

Establish Service Account

Ask your local network administrator to create a new service account called **BlastLogicService** or something similar. The account should be configured to never expire. The network administrator will choose a suitable password and provide it to you once the account has been created.

Configure user rights

The service account must have 'Log on as a service' user rights on the target machine. The easiest way to do this is to use Local Security Policy (but your network administrator may choose to do it using Group Policy):

1. Start > Control Panel > Administrative Tools > **Local Security Policy**
2. Open **Local Policies > User Rights Assignment**
3. Double click **Log on as a service**
4. If your service account is already listed, skip to the next section
5. Click **Add User or Group**
6. Enter **BlastLogicService** (or the name of your service account), select **OK**
7. Select **OK**

Authorise the Service Account to query Active Directory

To use Windows Authentication, the service must be able to query Active Directory to authenticate users and retrieve user accounts details, e.g. the user's full name.

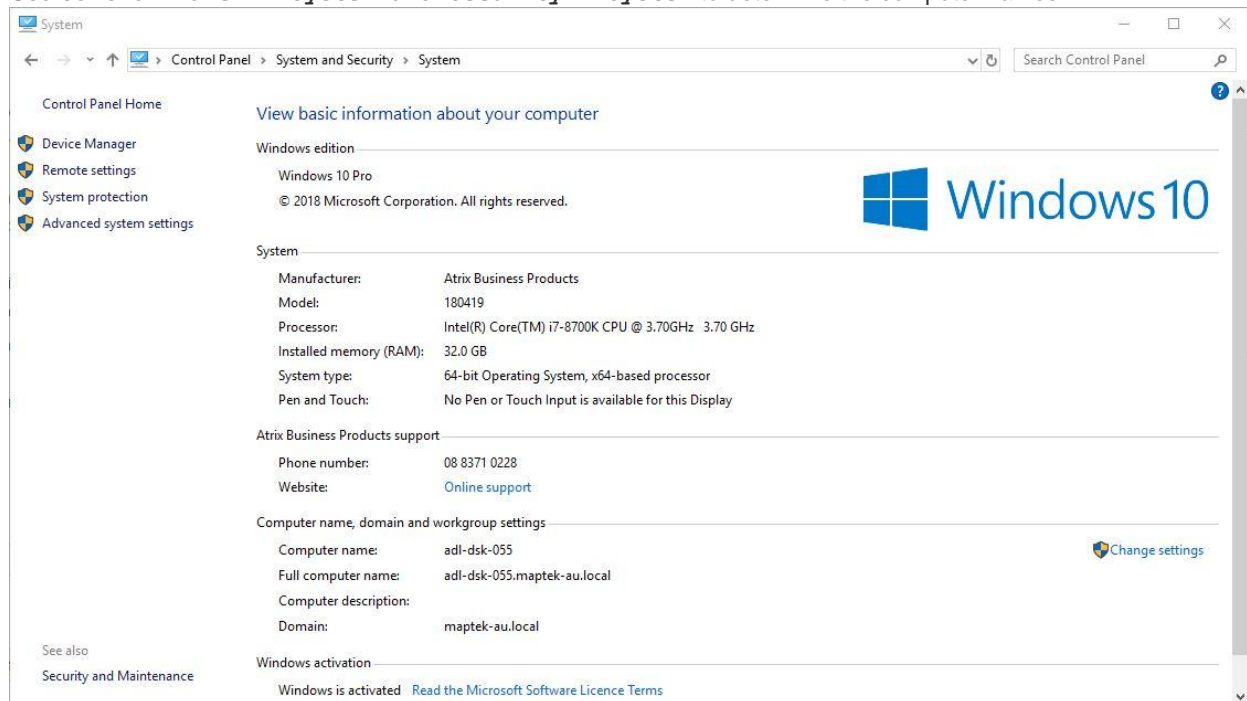
To authorise the service account to authenticate against Active Directory, a Domain Administrator will need to execute the following commands:

```
setspn -S HTTP/<BlastLogic Server host name> <domain name>\<service account name>  
setspn -S HTTP/<Fully qualified BlastLogic Server host name> <domain name>\<service account name>
```

E.g.

```
setspn -S HTTP/BlastLogicServer DOMAIN\BlastLogicService  
setspn -S HTTP/BlastLogicServer.domain.local DOMAIN\BlastLogicService
```

Use **Control Panel > System and Security > System** to determine the computer names:



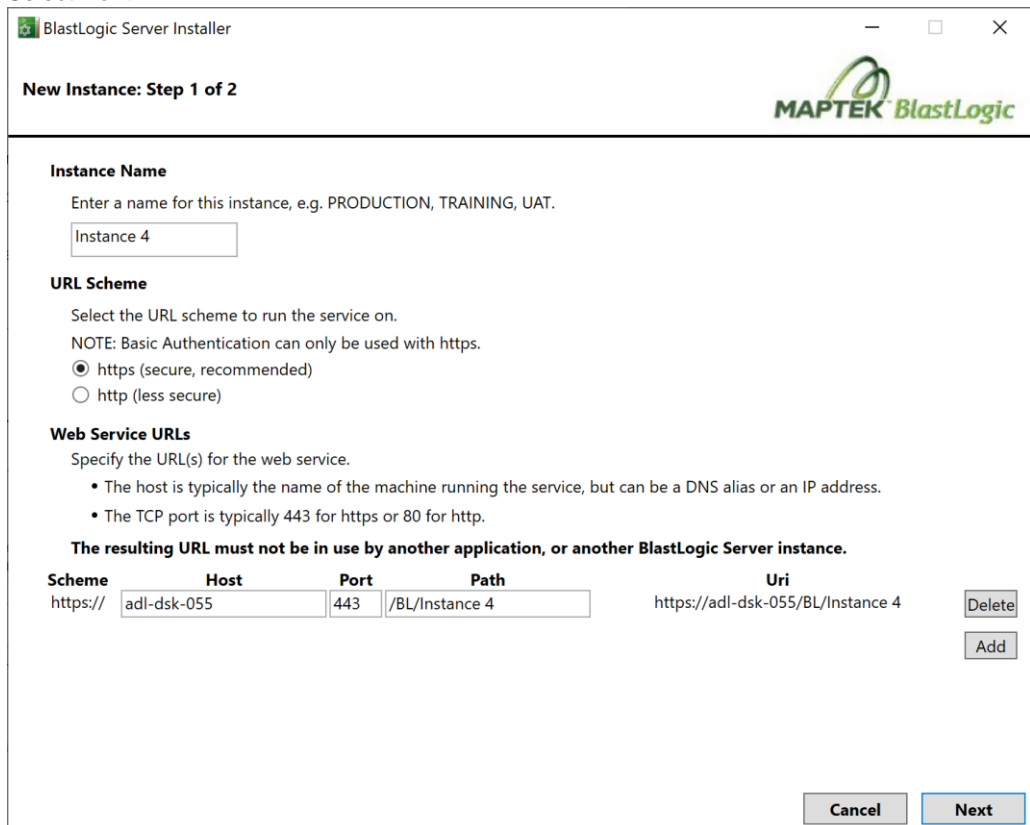
The screenshot shows the Windows 10 'System' control panel page. The breadcrumb navigation is 'Control Panel > System and Security > System'. The page title is 'View basic information about your computer'. The 'Windows edition' section shows 'Windows 10 Pro' and '© 2018 Microsoft Corporation. All rights reserved.' with the Windows 10 logo. The 'System' section lists: Manufacturer: Atrix Business Products, Model: 180419, Processor: Intel(R) Core(TM) i7-8700K CPU @ 3.70GHz 3.70 GHz, Installed memory (RAM): 32.0 GB, System type: 64-bit Operating System, x64-based processor, and Pen and Touch: No Pen or Touch Input is available for this Display. The 'Atrix Business Products support' section shows Phone number: 08 8371 0228 and Website: Online support. The 'Computer name, domain and workgroup settings' section shows Computer name: adl-dsk-055, Full computer name: adl-dsk-055.maptek-au.local, Computer description, and Domain: maptek-au.local. A 'Change settings' link is present next to the computer name. The 'Windows activation' section shows 'Windows is activated' and a link to 'Read the Microsoft Software Licence Terms'. A 'See also' section at the bottom left points to 'Security and Maintenance'.

STEP 3: CONFIGURE MAPTEK ACCOUNT LICENCES

BlastLogic Server 2021 and later requires Maptek Account licences to function. Maptek Account licences must be configured in the Maptek Account web portal and BlastLogic Server must be configured to use those licences. Information on to configure Maptek Account is available in the *Licensing for BlastLogic Server and BlastLogic Tablet* document.

STEP 4: INSTALL AND CONFIGURE BLASTLOGIC SERVER

1. Copy the installation ZIP archive to a temporary location, e.g. C:\TEMP.
2. Extract the ZIP archive.
3. Open the folder containing the extracted files and run **Setup.exe**.
4. Select the **Install** button.
 - a. **Step 1:** Change the default values as required.
If your company has provisioned a DNS CNAME entry (e.g. 'blastlogic') pointing to the application server, be sure to enter this as the URL host.
BlastLogic Server can listen to multiple URIs. Add a new URI by clicking the 'Add' button and specifying the Host, Port and Path for that URI.
Select **Next**.



BlastLogic Server Installer

New Instance: Step 1 of 2

Instance Name
Enter a name for this instance, e.g. PRODUCTION, TRAINING, UAT.
Instance 4

URL Scheme
Select the URL scheme to run the service on.
NOTE: Basic Authentication can only be used with https.
 https (secure, recommended)
 http (less secure)

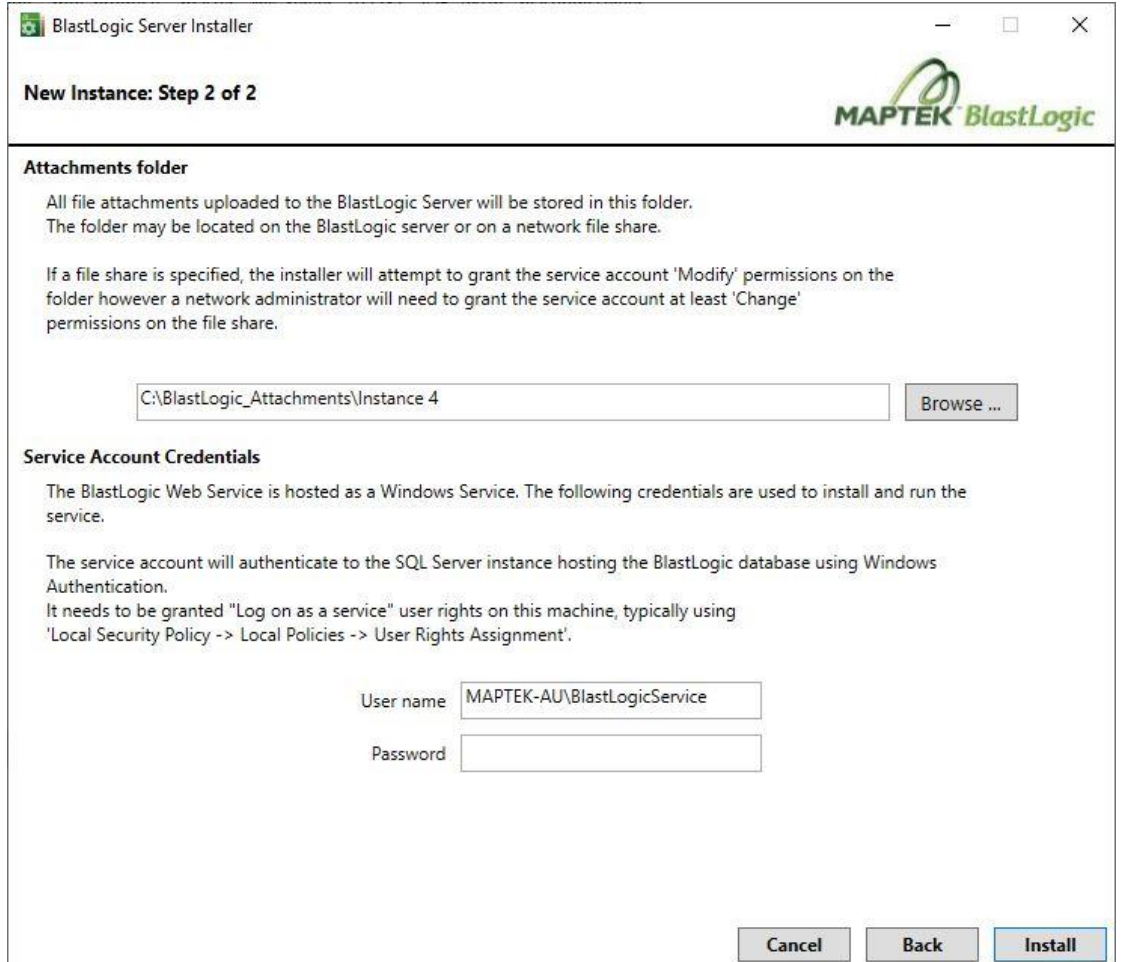
Web Service URLs
Specify the URL(s) for the web service.
• The host is typically the name of the machine running the service, but can be a DNS alias or an IP address.
• The TCP port is typically 443 for https or 80 for http.
The resulting URL must not be in use by another application, or another BlastLogic Server instance.

Scheme	Host	Port	Path	Uri	
https://	adl-dsk-055	443	/BL/Instance 4	https://adl-dsk-055/BL/Instance 4	Delete

Add

Cancel Next

- b. **Step 2:** Change the Attachments Folder if required. Enter the password of the service account as supplied by your network administrator. Select **Install**.



BlastLogic Server Installer

New Instance: Step 2 of 2

Attachments folder

All file attachments uploaded to the BlastLogic Server will be stored in this folder. The folder may be located on the BlastLogic server or on a network file share.

If a file share is specified, the installer will attempt to grant the service account 'Modify' permissions on the folder however a network administrator will need to grant the service account at least 'Change' permissions on the file share.

C:\BlastLogic_Attachments\Instance 4

Service Account Credentials

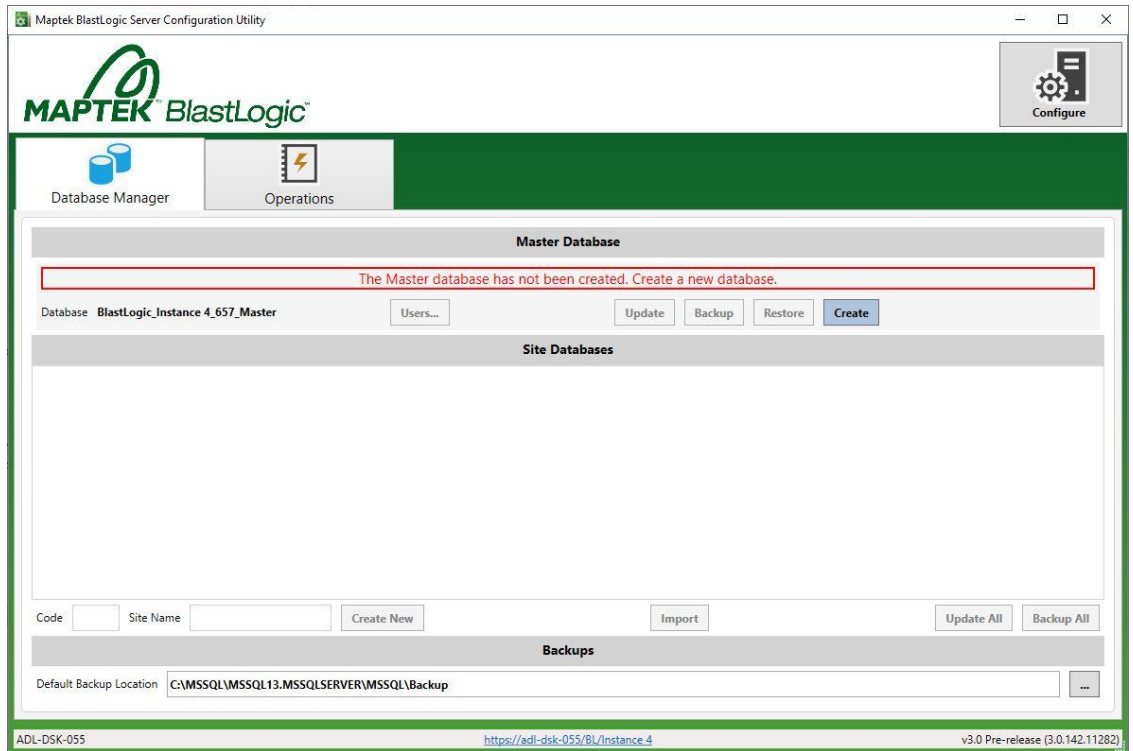
The BlastLogic Web Service is hosted as a Windows Service. The following credentials are used to install and run the service.

The service account will authenticate to the SQL Server instance hosting the BlastLogic database using Windows Authentication. It needs to be granted "Log on as a service" user rights on this machine, typically using 'Local Security Policy -> Local Policies -> User Rights Assignment'.

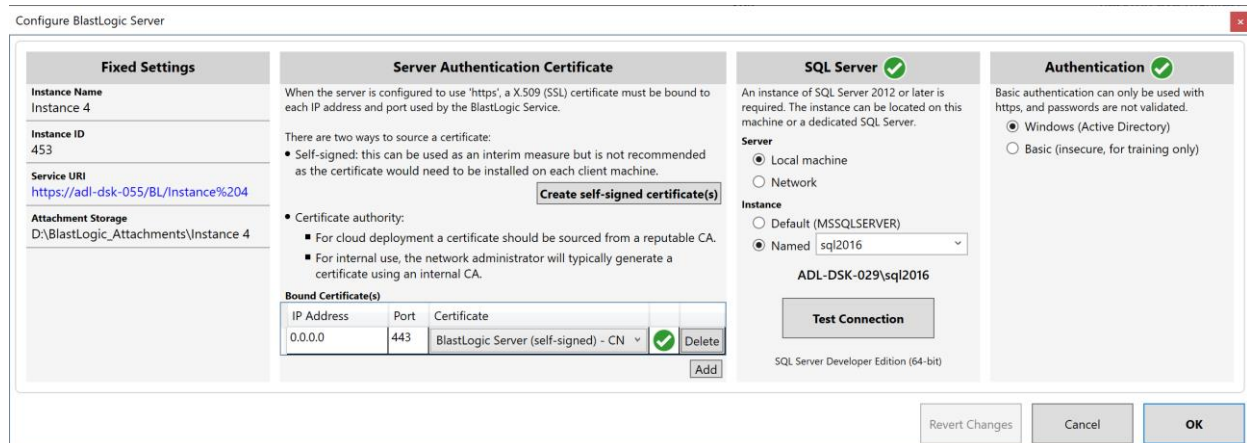
User name

Password

5. A User Account Control (UAC) window appears. Select **Yes**.
6. After a short time a completion notification window is displayed. Select **OK**.
7. A second UAC window appears. Select **Yes**.
8. After a short time the BlastLogic Configuration utility appears.



The configuration utility will attempt to configure the server automatically, however you may need to select the Configure button to make some changes:



- a. **Server Authentication Certificate (HTTPS only):**
 If a valid SSL certificate has been installed on the server it will be available in the 'Certificate' drop down list. If the list is empty, then a valid certificate was not found in the Computer Account Personal or Trusted Root Certification Authority stores. Contact your IT services provider to resolve the issue.
NOTE: using a self-signed certificate is not a valid option for production deployments.

BlastLogic Server can listen to multiple URIs that can relate to different IP addresses and port. A different SSL certificate can be bound to each IP address + port. Add whatever IP addresses + ports are required. Select the appropriate SSL certificate for each IP address + port in the 'certificate' dropdown.

Note: 0.0.0.0 is a wildcard IP address. Any certificate bound to 0.0.0.0 will affect all requests to this server on any IP address.

- b. SQL Server:
If you followed the instructions in Step 1 and installed a local, default SQL Server instance then the SQL Server settings should not require changing.
Otherwise, select the appropriate server and instance for your environment.
- c. Authentication:
Windows is the default setting and is recommended for on-premise production deployments.
Basic can be used if your machine will be used for training or demonstration purposes.
Azure is for 'Cloud' deployment, and is out of scope for this document.

STEP 5: ESTABLISH DATABASES

BlastLogic 2.X uses one **Master** database and one or more **Site** databases.

The Master database contains the directory of BlastLogic site databases, users and permissions.

Each Site database contains the blast related data for a particular site (excluding file attachments which are stored in the file system).

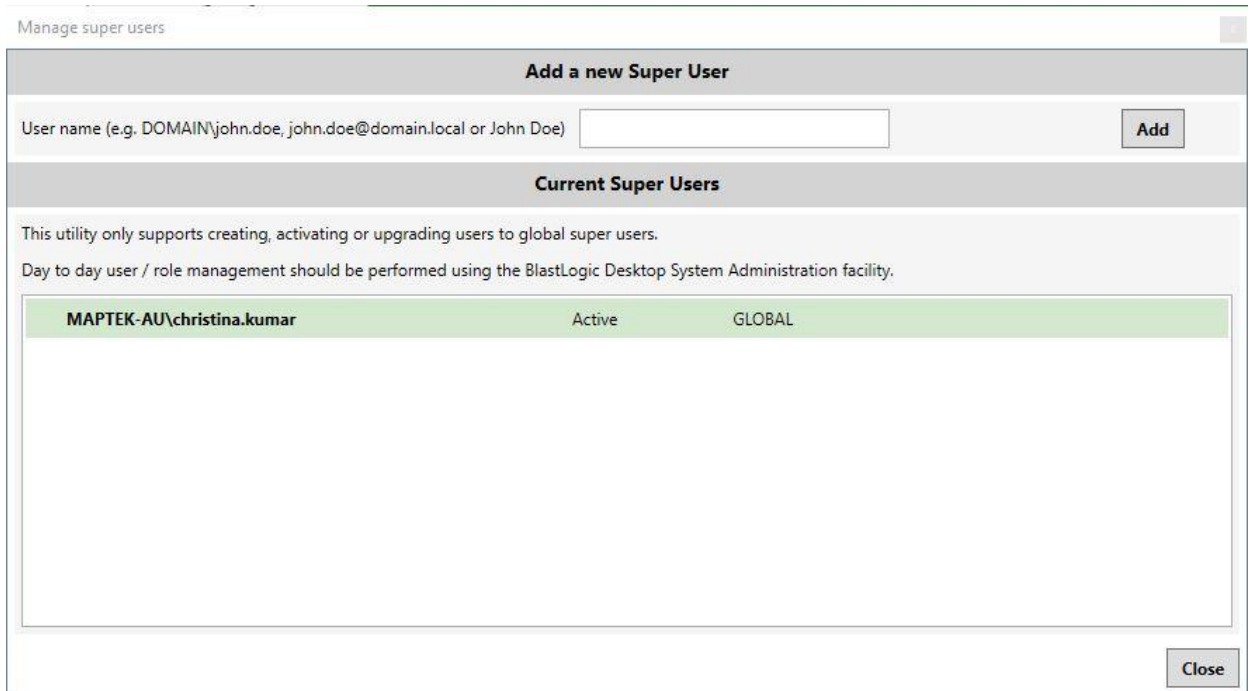
More than likely a Master Database will need to be created first. Click **Create** under the Master Database heading.

The Configuration Utility can also be used to create new Site databases, and import Site database backups. Create at least one Site database.

STEP 6: MAKE YOUR USER ACCOUNT A GLOBAL SUPER USER

By default, the BlastLogic Server has no users configured. To be able to log in to the server once configured, it is recommended that you make your account a Global Super User.

1. Click the **Manage Users...** button.
2. If you are not already listed as a GLOBAL Super User, confirm/enter your username and select **Add**.



Manage super users

Add a new Super User

User name (e.g. DOMAIN\john.doe, john.doe@domain.local or John Doe) **Add**

Current Super Users

This utility only supports creating, activating or upgrading users to global super users.
Day to day user / role management should be performed using the BlastLogic Desktop System Administration facility.

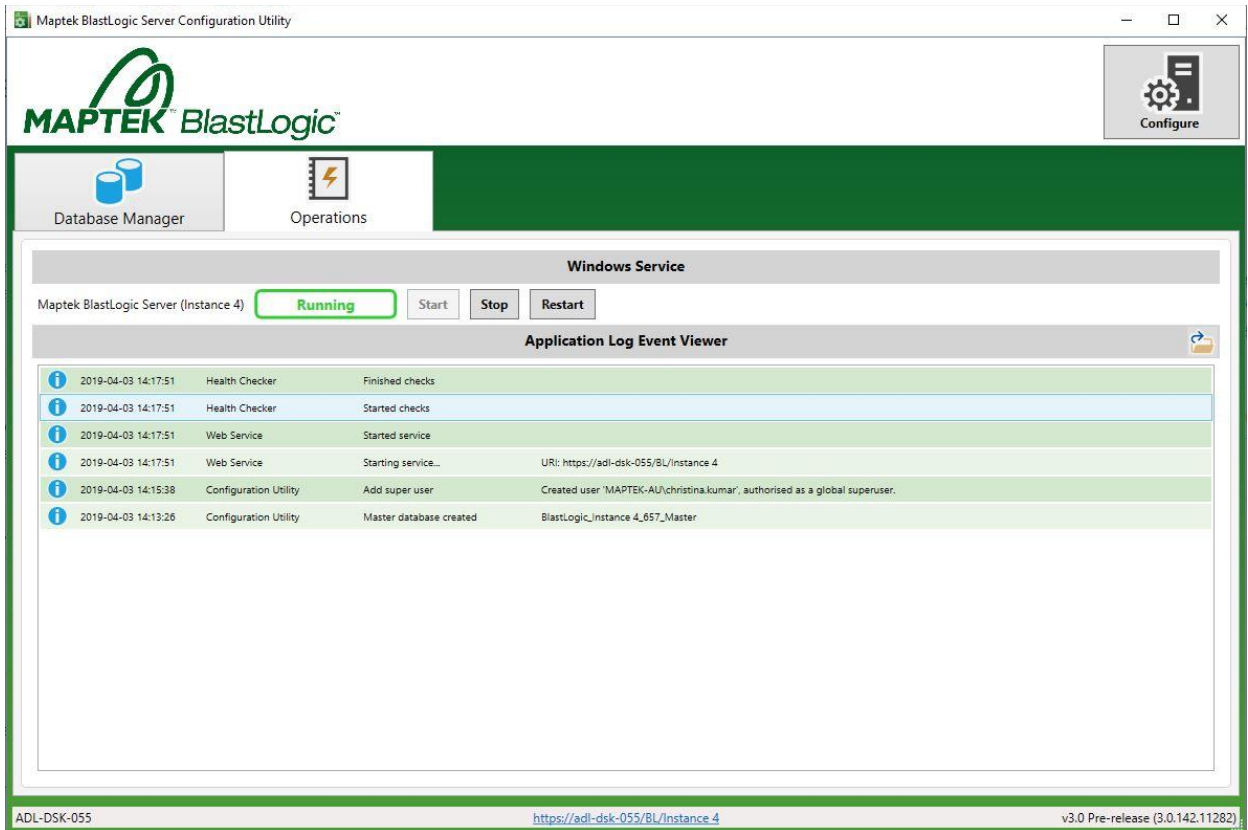
MAPTEK-AU\christina.kumar	Active	GLOBAL
---------------------------	--------	--------

Close

STEP 7: START THE SERVICE

The BlastLogic Server windows service now needs to be started.

1. Select the **Operations** tab
2. If the service fails to start, inspect the application log events which may be helpful in diagnosing the problem.
3. With the service now running, fire up a BlastLogic 3.0 Desktop client and attempt to login using the URL determined in step 3.



The screenshot shows the 'Maptek BlastLogic Server Configuration Utility' window. The 'Operations' tab is active, displaying the 'Windows Service' status as 'Running'. Below the service status is an 'Application Log Event Viewer' showing a list of log events.

Timestamp	Component	Event	Details
2019-04-03 14:17:51	Health Checker	Finished checks	
2019-04-03 14:17:51	Health Checker	Started checks	
2019-04-03 14:17:51	Web Service	Started service	
2019-04-03 14:17:51	Web Service	Starting service...	URI: https://adl-dsk-055/BL/Instance 4
2019-04-03 14:15:38	Configuration Utility	Add super user	Created user 'MAPTEK-AU\christina.kumar', authorised as a global superuser.
2019-04-03 14:13:26	Configuration Utility	Master database created	BlastLogic_Instance 4_657_Master

ADL-DSK-055 <https://adl-dsk-055/BL/Instance 4> v3.0 Pre-release (3.0.142.11282)

STEP 8: HOUSEKEEPING

Now that the server is installed and running you may like to:

Adjust the BlastLogic Windows Service properties

By default the BlastLogic Service will start automatically every time you start Windows.

Occasionally during system boot, the service may fail to start, typically because SQL Server does not start in time. Using the 'Delayed Start' option usually resolves problems like this.

- Windows Start > Control Panel > Administrative Tools > **Services**
- Scroll down to **Maptek BlastLogic Server (<instance name>)**, right click and select **Properties**
- Change the **Start up type**:
 - Select **Automatic (Delayed Start)** for best results when the machine reboots
- Select **OK**

Fine tune the Windows Firewall settings

By default, the installer creates an Inbound Rule that may allow **anybody on any network to which your computer is connected to access the BlastLogic Server.**

When the machine is connected to a public network, e.g. WiFi in an airport or internet cafe, any computer on the network may attempt to login to the BlastLogic Server.

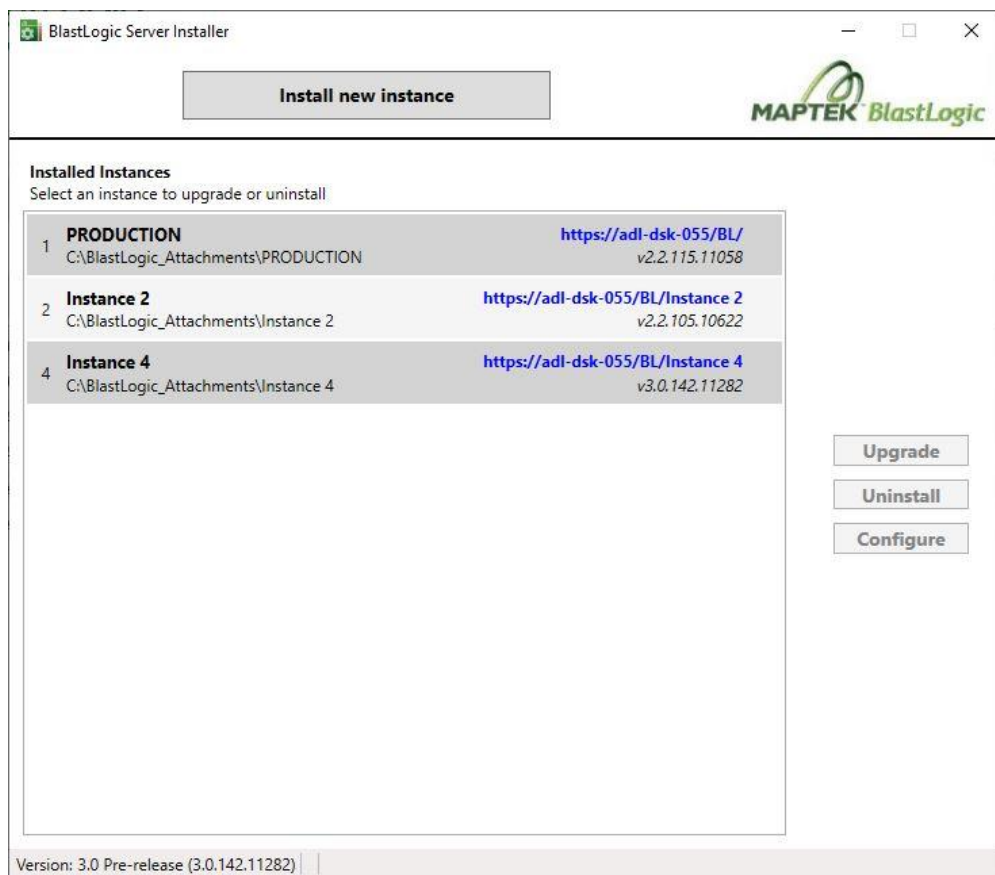
It is highly recommended that this firewall rule is reviewed by a network / security professional.

Upgrading a Server Instance

Upgrading a server instance is a routine upgrade that does not require clients to be upgraded immediately.

Server upgrade

1. Run BlastLogic Server install file **Setup.exe**.
2. Select the server instance to upgrade.
3. Select **Upgrade**.



4. A UAC prompt will most likely be displayed. Click **Yes**.
5. A second UAC prompt will most likely be displayed. Click **Yes**.
6. The Configuration Utility will open.
7. Apply database updates if any. Note: If SQL Replication is enabled it can disrupt database updates and require the BlastLogic database to be restored to earlier backups. It is strongly advised to disable SQL Replication before applying database updates.

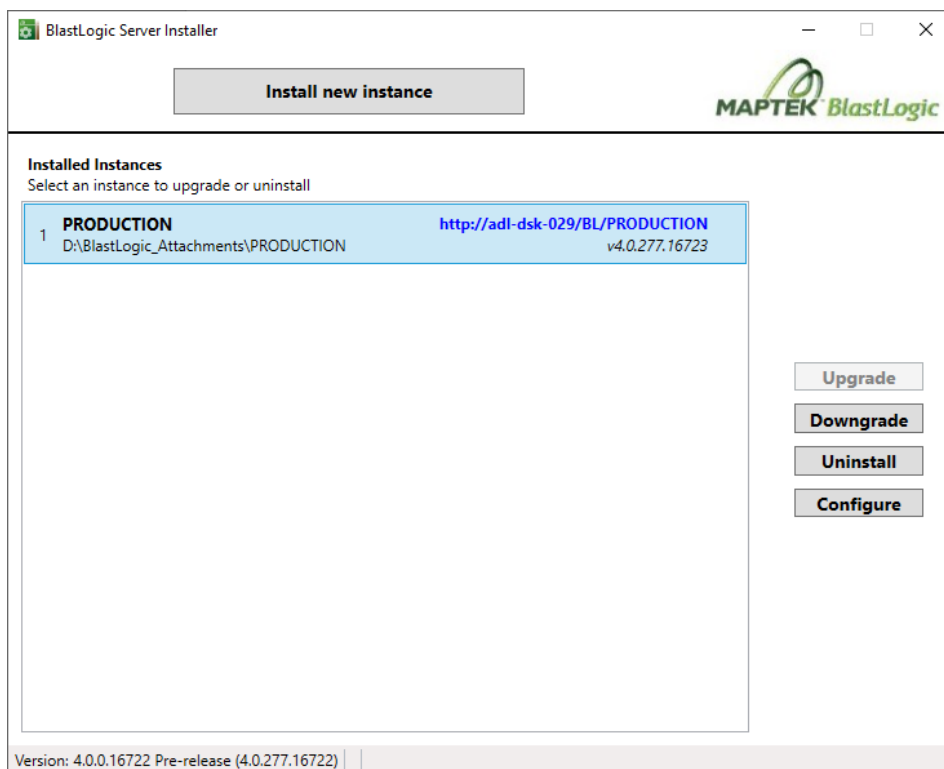
Downgrading a Server Instance

Downgrading a server reverts a server instance to an earlier version. Downgrading is intended to be used to restore a server to a previous state when the server upgrade experiences problems.

IMPORTANT: Most server upgrades require the site and/or master databases to be updated. If a BlastLogic database is updated server downgrade will not undo database updates. Reverting a database update requires restoring a database backup. Newer versions of BlastLogic databases are not compatible with older versions of BlastLogic server. Before downgrading the server ensure that appropriate database backups are available.

Server downgrade

1. Run BlastLogic Server install file **Setup.exe**.
2. Select the server instance to upgrade.
3. Select **Downgrade**.



4. The downgrade should proceed without requiring further input.
5. The Configuration Utility will open.

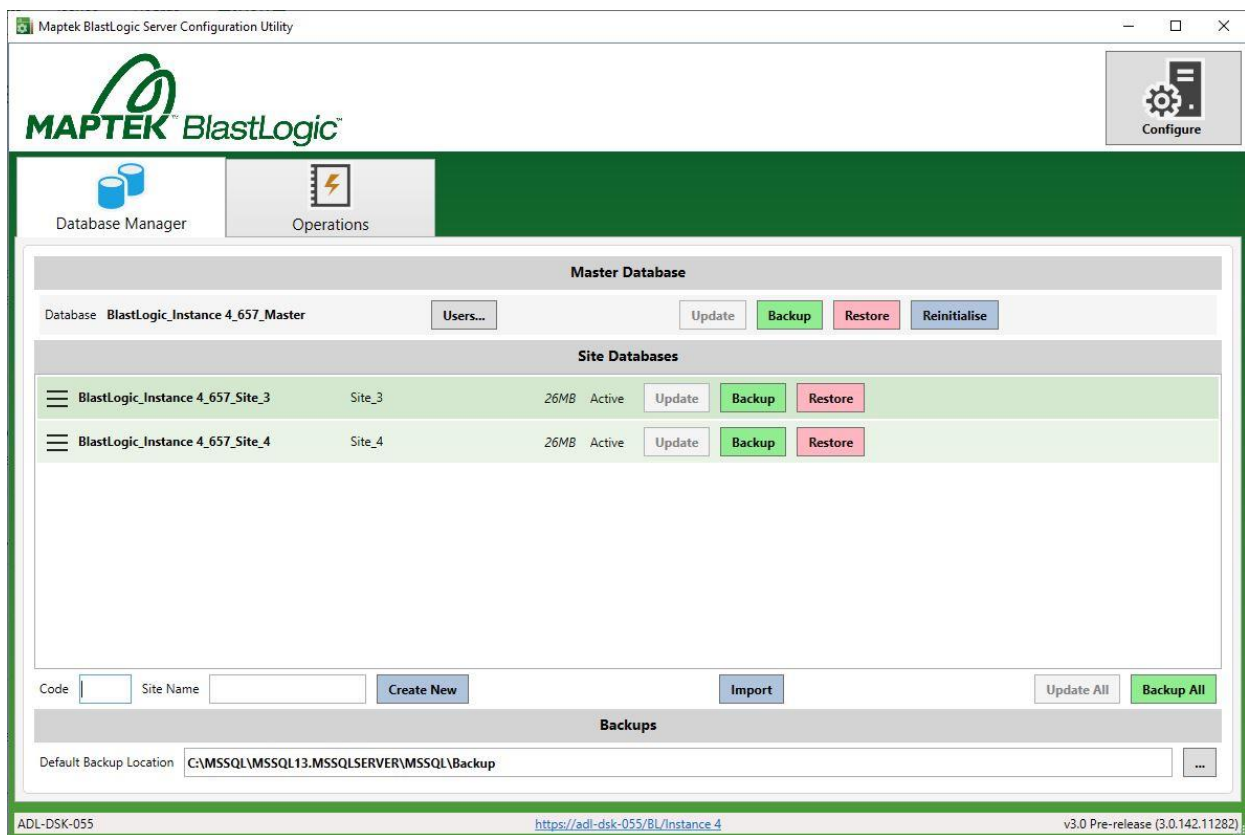
Database backup and restore

Backup and restore site database

Each site database can be backed up separately.

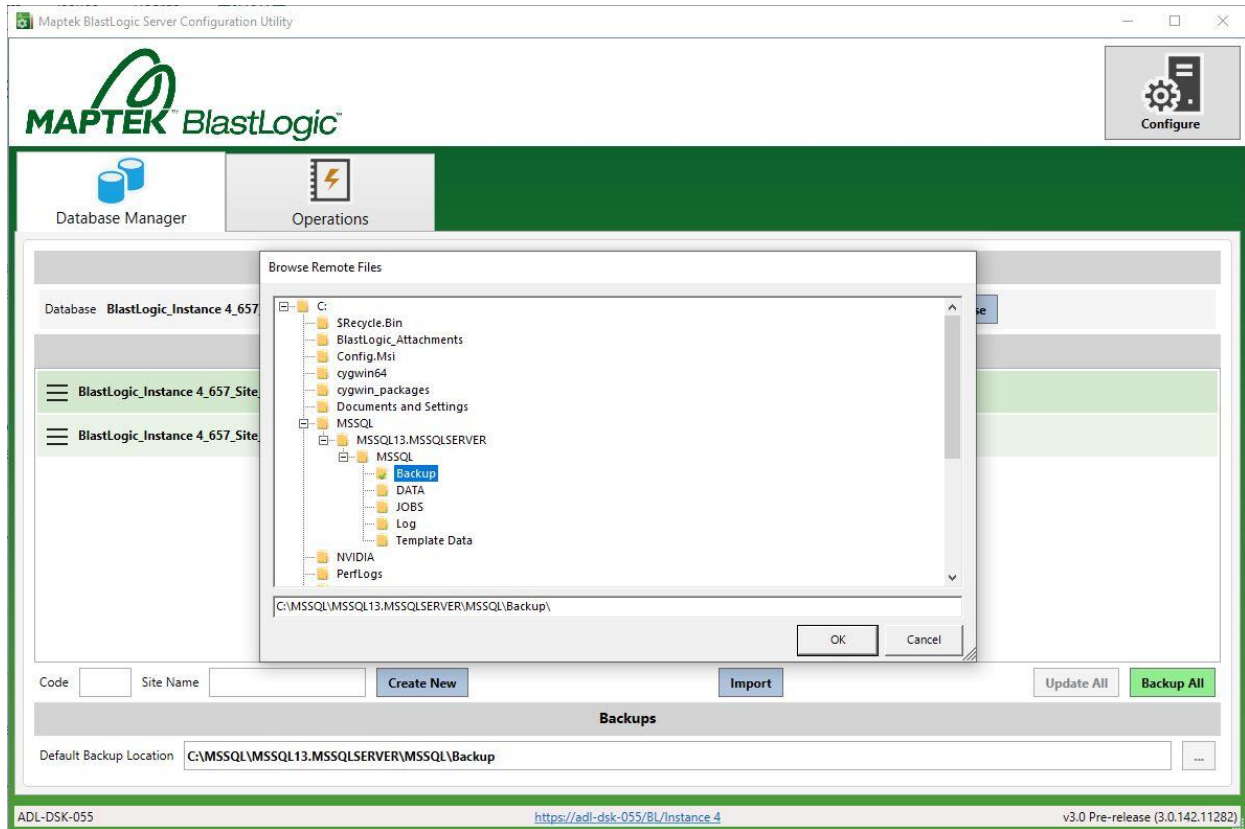
1. Go to the “Database Manager” tab in the Maptek BlastLogic Server Configuration Utility.
2. Click the “Backup” button for the required site. The backup file will be saved to the default backup location you specified in the configuration utility, time stamped with the current time.
3. Refer to the Operations log to see the file name of the .bak file.

All sites can be backed up in one operation by clicking the “Backup All” button. A separate backup file will be created for each site.



An existing site can be restored from a backup file. Go to the “Database Manager” tab in Maptek BlastLogic Server Configuration Utility tool. Click the “Restore” button for the required database. Select the database backup file you like to restore.

WARNING: Restoring a site database will invalidate the database cache for the BlastLogic desktop client, so the next time a user opens the restored site the explorer will be empty, and any unpublished objects will have been lost.



Backup and restore master database

The master database stores all users, user roles, HTTP logs and the list of sites.

To back up the master database:

1. Go to the “Database Manager” tab in Maptek BlastLogic Server Configuration Utility tool.
2. Click the “Backup” button for the master database.

The backup file will be saved to the default backup location you specified in the configuration utility. Refer to the Operations log for the name of the resulting .bak file.

The master database can be restored from a backup, however **this is typically not required and should only be done on the advice of Maptek**. Go to the “Database Manager” tab in Maptek BlastLogic Server Configuration Utility tool. Click the “Restore” button for the master database. Select the database backup to restore.

Migrating a Site to another Server Instance

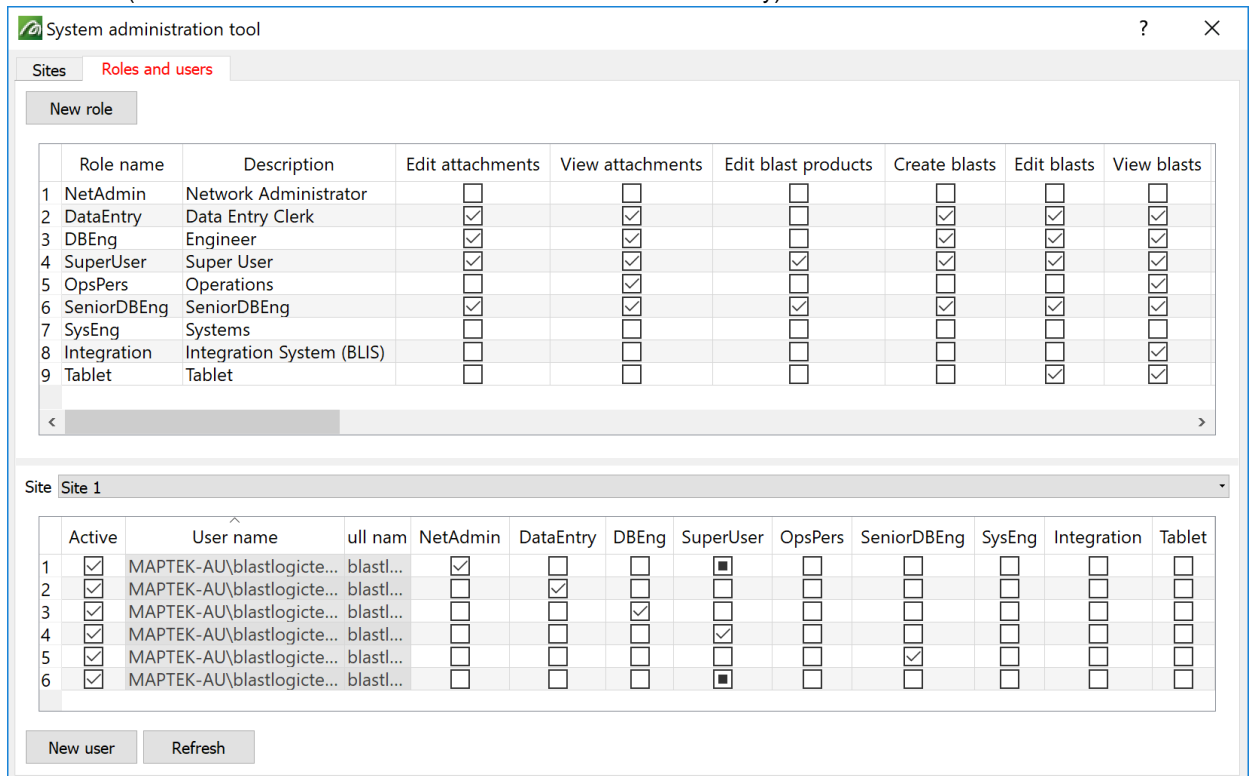
The following procedure should be used to move a Site from one BlastLogic Server instance to another, and the Site database from one SQL Server instance to another.

Pre-requisites

1. The destination SQL Server version must be the same version or newer than the source SQL Server. (SQL Server databases are not backwards compatible).
E.g. a backup from an SQL 2016 instance cannot be restored to an SQL 2012 instance.
2. The destination BlastLogic Server version must be the same version or newer than the source BlastLogic Server. (BlastLogic Server databases are not backwards compatible).
3. The user account performing the database backup and import (restore) operations must have sufficient permissions.
The user account needs to have backup permissions on the source SQL Server and be a SQL Server 'sysadmin' on the destination SQL Server.
The user account also needs sufficient permissions to copy the SQL .BAK files from the source SQL Server backup folder to the destination SQL Server backup folder.

Procedure

1. Schedule an outage window (say 2 hours) and communicate to users in advance.
2. Confirm all BlastLogic Tablets have been synchronised, and all Desktop users have published anything they want to keep.
3. Log in to the source site using the Desktop Client and note down any site-specific user roles for the site to be moved. (These will not be transferred to the destination automatically).



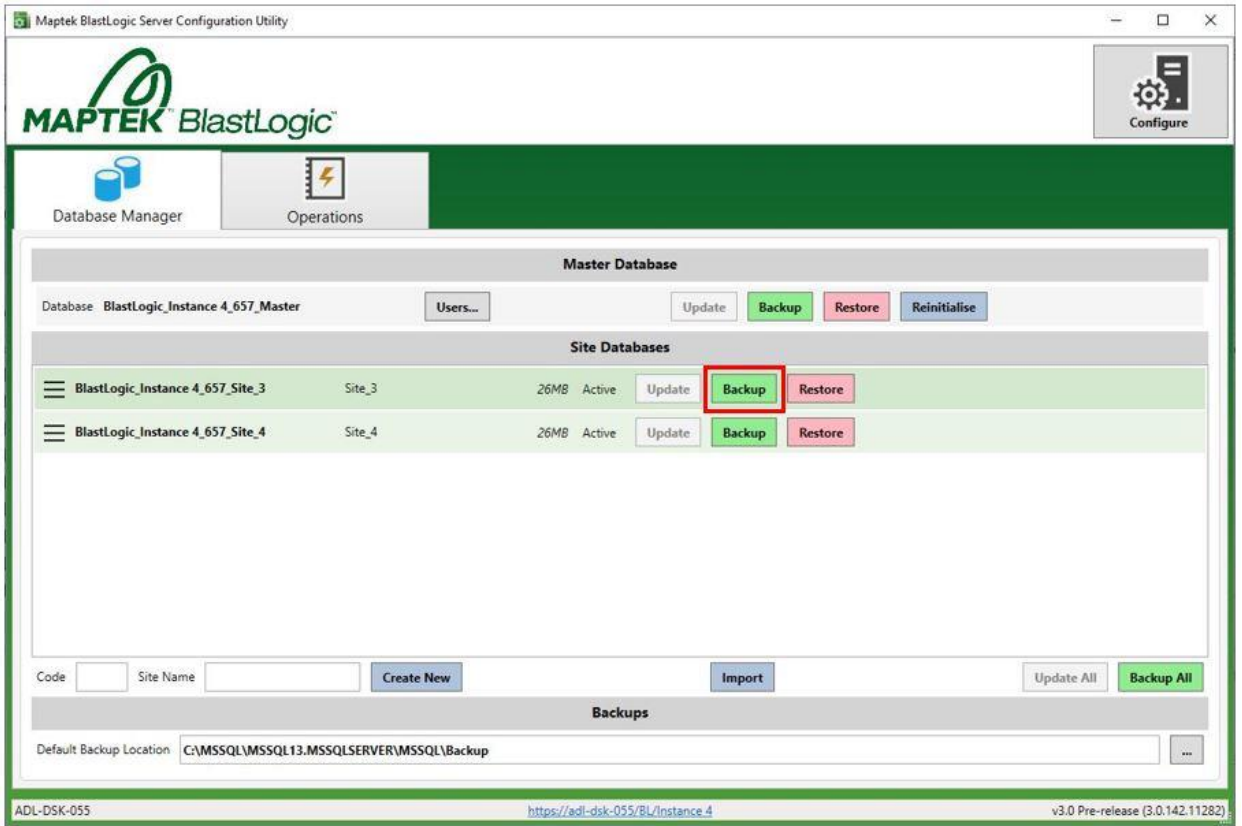
The screenshot shows the 'System administration tool' window with the 'Roles and users' tab selected. It displays a table of roles and their permissions, and a table of users for 'Site 1' with their assigned roles.

Role name	Description	Edit attachments	View attachments	Edit blast products	Create blasts	Edit blasts	View blasts
1 NetAdmin	Network Administrator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 DataEntry	Data Entry Clerk	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3 DBEng	Engineer	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4 SuperUser	Super User	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5 OpsPers	Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6 SeniorDBEng	SeniorDBEng	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7 SysEng	Systems	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8 Integration	Integration System (BLIS)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
9 Tablet	Tablet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

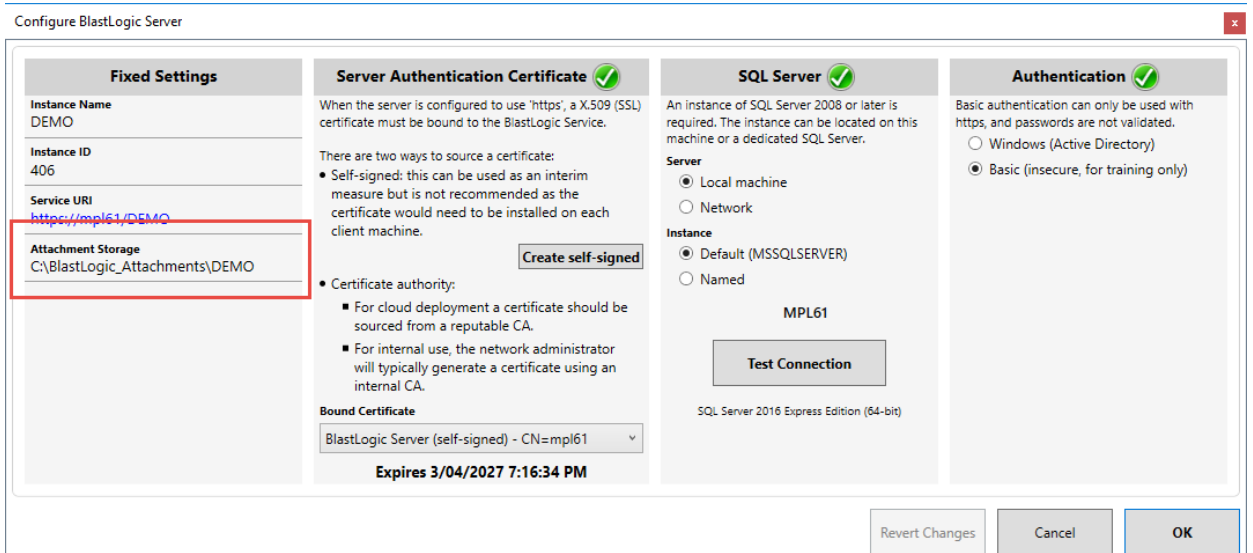
Active	User name	ull nam	NetAdmin	DataEntry	DBEng	SuperUser	OpsPers	SeniorDBEng	SysEng	Integration	Tablet
1	<input checked="" type="checkbox"/>	MAPTEK-AU\blastlogict...	blastl...	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input checked="" type="checkbox"/>	MAPTEK-AU\blastlogict...	blastl...	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	<input checked="" type="checkbox"/>	MAPTEK-AU\blastlogict...	blastl...	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input checked="" type="checkbox"/>	MAPTEK-AU\blastlogict...	blastl...	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input checked="" type="checkbox"/>	MAPTEK-AU\blastlogict...	blastl...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	<input checked="" type="checkbox"/>	MAPTEK-AU\blastlogict...	blastl...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4. Open the BlastLogic Server Configuration Utility on the source BlastLogic Server.

- Backup the site to be migrated in the “Database Manager” tab in the BlastLogic Server Configuration Utility.

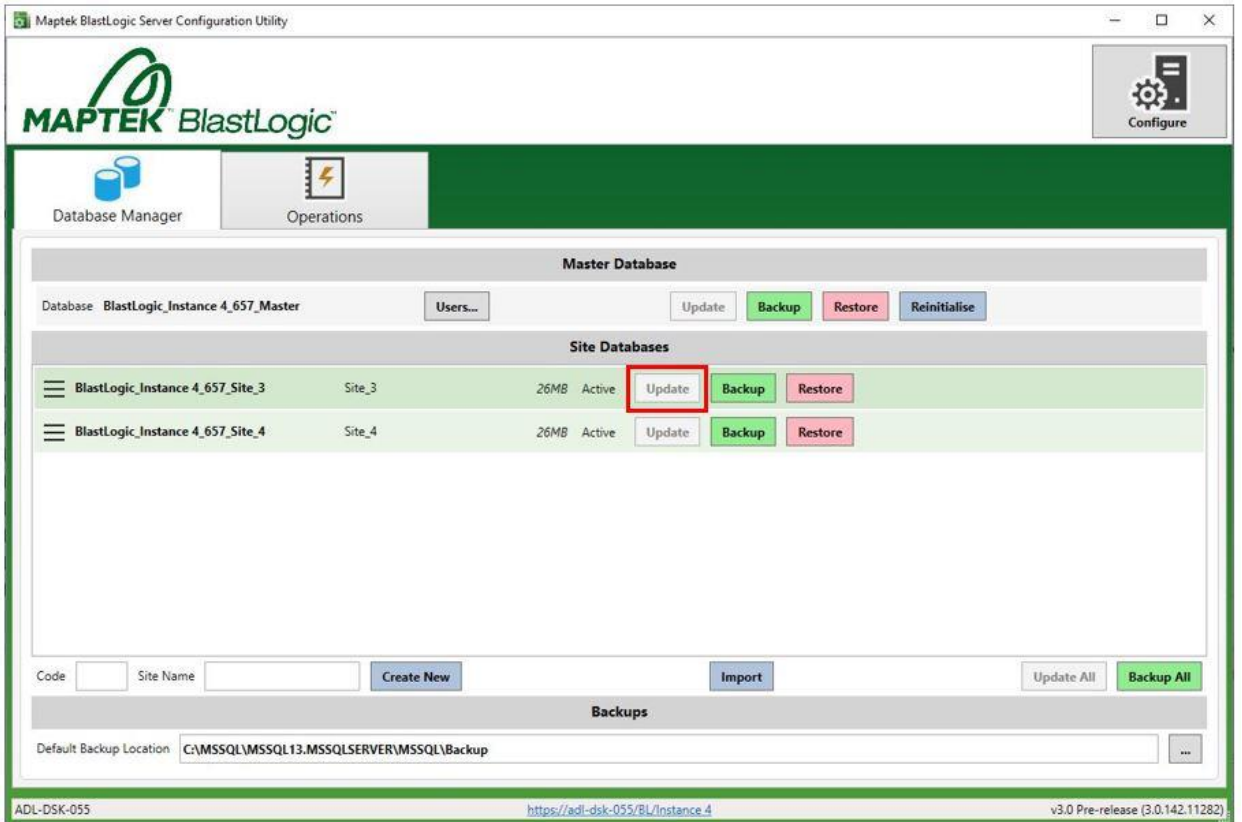


- Copy the .BAK file from the “Default Backup Location” folder on the source SQL Server to the “Default Backup Location” folder on the destination SQL Server
The “Default Backup Location” is listed “Database Manager” tab in the BlastLogic Server Configuration Utility
- Copy the file attachments folder for the relevant site from the “BlastLogic_Attachments” folder on the source BlastLogic Server to the destination server.
Each site has a folder named used the site code.
The “BlastLogic_Attachments” folder location can be found in the Server Configuration Utility Configuration window.



- Open the BlastLogic Server Configuration Utility on the destination BlastLogic Server

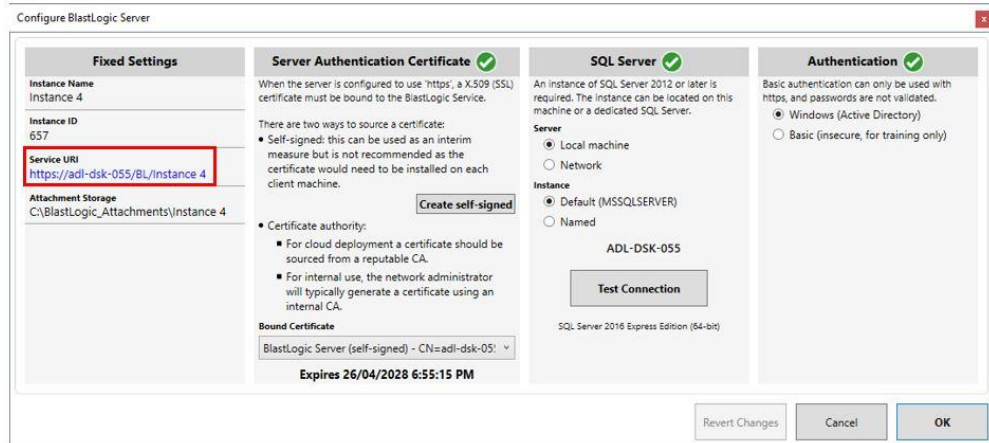
9. Use the Import button in the “Database Manager” tab in the BlastLogic Server Configuration Utility to import the site backup.
10. Apply any outstanding database updates using the “Update” button in the “Database Manager” tab in the BlastLogic Server Configuration Utility for the site.



11. Ensure the BlastLogic Service is started using the “Operations” tab in the BlastLogic Server Configuration Utility.
12. Log in to the destination site using the Desktop Client and apply the user roles and memberships noted in step 1.

13. Organise for an end user to conduct the following tests:

- a. Connect and log in to the destination Service URI using the Desktop Client.
The URI can be found using the Server Configuration Utility Configuration window.



- b. Select and open the migrated site.
- c. Use the Desktop Client to open a file attachment to confirm the attachments have been transferred correctly (optional but recommended).

14. The migrated site is now ready for use.
Notify all users of the new destination Service URI.

15. Return to the source server:
 - a. Delete the site database using the Server Configuration Utility.
IMPORTANT: This is a required step to prevent users from continuing to use the old site / server by mistake.
 - b. Delete the site folder in the "BlastLogic_Attachments" folder.

