



BridgeGate Version 8.0.19-171010

Release Notes

We are pleased to announce the release of BridgeGate Version 8.0.19-171010. See below for a list of Enhancements and Bug Fixes.

NOTES associated with Enhancements/Bug fixes

DARK_BOLD_RED = IMPORTANT

BOLD_LIGHT_GREY = INFORMATIONAL

LIGHT_RED = SITUATIONAL

Note #	Description
Note: 1	BridgeGate 8.0 upgrade. Do NOT install a BridgeGate 8.0 Service Pack on a BridgeGate 6.0 or 7.0 Server. Follow the 8.0 BridgeGate upgrade instructions on the CD. Please make sure the server you plan to upgrade is on BridgeGate 6.0 Build 130919 or later
Note: 2	If you attempt to install the AS2 Server in an 8.0 Build before the 8.0.3 CD please consult BridgeGate Support to receive the necessary AS2 configuration files.
Note: 3	Effective BridgeGate Version 8.0.6, System Schedules will no longer be administered via the BridgeGate.xml. The System Schedules are now maintained via the Portal on the Administration->Server Management->BridgeGate System Schedules tab.
Note: 4	Effective Version 8.0.7, a new feature will exist in BridgeGate which will send an email upon the BridgeGate Service Starting or Stopping. The new feature will be turned off on new Version 8.0.07 CD Installs. To enable the email notification feature on the new CD install or previously installed 8.0.x version, add the following element to the BridgeGate.xml <SYSTEM_ERROR section: START_STOP_NOTIFY="TRUE". The email is sent using the existing SYS_ADMIN_EMAIL="" SYS_ADMIN_SMTP="" elements. <SYSTEM_ERROR section: START_STOP_NOTIFY="TRUE". The email is sent using the existing SYS_ADMIN_EMAIL="" SYS_ADMIN_SMTP="" elements.
Note: 5	Effective BridgeGate Version 8.0.11, The Workbench may attempt to automatically correct old Outbound Templates that have improper inbound mapping parent settings. Early versions of the BridgeGate Workbench did not correctly map inbound to outbound fields when the inbound field name was not unique. As you click on various objects in the outbound template, the Workbench now detects and corrects any such mappings. You will be prompted to save the template as a result of these corrections. Though not required, you should also then export the template for optimal server performance.
Note: 6	Starting in Version 8.0.16-170706 a change has been made on how Elements / Attributes are represented in a WSDL generated from a BridgeGate Webservice. Inbound and Outbound XML Date fields only resulted in 'xs:date' even if the Pattern

was Time or Date Time. In Version 8.0.16-170706 it will parse the pattern and result accordingly.

Before Version 8.0.16-170706:

Pattern: XML_TIME

Result: type="xs:date"

After Version 8.0.16-170706:

Pattern: XML_TIME

Result: type="xs:time" <![CDATA[This is a note]]>

Starting in Version 8.0.16-170706 a change has been made on how Outbound CDATA Element is represented to include the Element Name.

Before Version 8.0.16-170706:

Results: <![CDATA[This is a note]]>

After Version 8.0.16-170706:

Results: <NOTES><![CDATA[This is a note]]></NOTES>

1. Feature Enhancements

- Upgrade of FTP/SSH/SFTP/FTP
- Upgrade Java 8.0_101
- Upgrade MySQL 5.7.11
- Upgrade Tomcat 8.0.32
- Upgrade BGWorkbench Installer
- Upgrade Hazelcast 3.6

2.0 Enhancements/Bug Fixes

Version 8.0.19-20171010

Issue #	Description
BG-4800	Workbench - If you select Is Numeric or Is Date it still has Value to Compare or Source Type below it
BG-4799	Custom DB Dynamic Clause Value Pattern will not save
BG-4798	Handle nullpointer in Java NIO DirectoryWatcher
BG-4788	Plugin to support Cloud Upload and Share
BG-4785	Transfer Template changing Rev ID from 4 back to 1 on client side
BG-4781	Workbench - XML outbound element not showing mapped when it is mapped
BG-4778	Help - Add a new Variable action 'Convert to Field Type'
BG-4776	Outbound Template Sequence Icon turns into Plugin Icon
BG-4756	Unable to set pattern for dynamic value in Custom DB Field
BG-4741	FTP Get and Send Data help add Cache Connection help
BG-3608	Include required Multicast configuration
BG-3453	Analyze and remove code around limitations of Samples and bridgegate accounts

BG-3112	BGFTP not working with samples account.
BG-250	Add Is_Date as operator on item list in workflow, inbound record mapping cond and outbound template

Version 8.0.18-170817

Issue #	Description
BG-4789	Error reading/parsing data on Ok file
BG-4784	New SYSTEM DATA for BridgeGate Server information
BG-4780	SFTP FileName has Relative path in filename (Unix Client) but RTP not processing
BG-4769	Enable "Workflow Processing" controls when feature is supported by Adapter
BG-4768	Add escape xml data checkbox help for XML outbound template
BG-4775	BridgeGate Workbench BridgeGateU Business Activity Monitoring BAM.mht not showing images, replace with html version
BG-4402	Unescaping hex characters in XML - New Conversion Routines
BG-4276	Report Export error when OBT referenced by Error Handler not present on server
BG-4176	Do not log FTP Cloud activity by default
BG-4163	Enhance Get Data File RTP logging to capture messages if it cannot access the File
BG-4021	Exceptions for java prefs when template name too long
BG-3669	XML - Suppress Empty Elements does not apply to elements with namespace
BG-3639	HL7 Inbound not setting in the template
BG-3624	Standardize GUI, database schema and error message associated with Sequence name
BG-3533	Search the PDC table in the Workbench
BG-3465	Add description of PDC "commit" options
BG-3360	Outbound Dbase Field Properties - autocheck include column if null when Quote Data is unchecked.
BG-2475	Add 'Escape XML Data' option on XML outbound Attributes and Variables
BG-2446	XML Outbound - Add Suppress Empty Elements and Suppress Attributes Override at field level
BG-500	Need to support Greater than or Equal To and Less Than or Equal To
BG-177	Discrepancies found during advanced properties button help

Version 8.0.17-170803

Issue #	Description
BG-4754	Fix null pointer exception in parser
BG-4753	Portal - Modify schedule screen produces Null Pointer on invalid field entry
BG-4752	Outbound XML Element Screen does not show Formatting options after adding a new element
BG-4749	Inbound / Outbound HL7 changing of Data Type makes Field Name change to UNNAMED

BG-4748	HL7 Inbound and outbound default HL7 Data Type, set to ST
BG-4737	Save button issues with not saving when changes were made
BG-4736	Create XML Template from XML Data to support copy/paste data
BG-4735	Unmapped Icon when you change field from Char to Int
BG-4727	Add Data Type Session Var to the Workflow Variables list for Get Data
BG-4691	Add BridgeGate Service Dependency to installer
BG-4610	Support Email Send Timeout
BG-4416	Workflow, Output Char Count is not including trailer or headers in the count.
BG-4410	File Type Identification Not Working
BG-4182	Provide a means to modify an existing schedule to instruct what date/time to execute
BG-4105	Workbench - Transfer Rev Id and Date not populated
BG-3793	Support HL7 data type specification in Quick Add
BG-3652	Bad drive reference caused by Sync Response on Web Service Send Data running from Test Workflow.
BG-3641	Add Ignore Global Substitution Checkbox to variable properties

Version 8.0.16-170706

Issue #	Description
BG-4742	Plugin - In Values - for some plugins, the order of in values is set then change once you click in the control
BG-4739	Fix translation output of CDATA value to include the element name
BG-4738	Fix Date-Time representation in WSDL
BG-4734	Fix workbench call plugin - dynamic plugin Values to refresh when next Value selected
BG-4733	Enhance workbench plugin screen description popup dialog to support html
BG-4732	Create service dependencies at BridgeGate installation on Windows
BG-4731	Get Forward only is not supporting Reprocess on the Get Data
BG-4730	0k file processing through translate workflow item produces Error Reading Parsing data error
BG-4729	Empty HTTP Sync Response on first execution of a workflow
BG-4726	Provide the ability to create JSON template from data
BG-4725	Enhance ftp server - add shutdown hook to save in-memory stats
BG-4724	Add bg_service.conf settings to the runbridgegate.bat file
BG-4721	Add Help Documentation for FTP Cache connection and Advanced Scripting
BG-4720	Copy/Paste of Inbound Record is making changes to original when clone is changed
BG-4719	Allow an OBT Var to be used to specify the PDC in Custom DB Field. 1st Record works, thereafter does not
BG-4717	JavaScript Plugin

BG-4714	WorkBench - Enhance item list to support checking for spaces with CONTAINS
BG-4711	On Get and Send data when using Remove Archive of Decrypted File feature the portal still has a link for the unencrypted file
BG-4688	AS2 Send Data would not send messages until AS2 Service was restarted
BG-4274	Do not replace chars in Account Key when used in "File Directory" File Adapter
BG-4121	Enhance Plugin Developer docs to include override expandInboundMapNames
BG-3340	Add current IB&OB template name to available System-Item/System-Data
BG-1253	Sequence Number not creating Correct Sequence when on Header Tab

Version 8.0.15-170614

Issue #	Description
BG-4723	Add additional server log entries for ftp and real time processing of ftp
BG-4722	FTP Server Management View Reports add Type Column
BG-4715	Add Append File True to not get into Get Forward Move Logic
BG-4713	Add SQL Queue files and tomcat web.xml and logging.properties as Portal downloadable files
BG-4710	Get Data Decryption is leaving 1000091.samples.decrypt.20.14.DEC.DAT.gpg in data archive when no data archive is checked
BG-4709	Get Post HTTP Data with 0k file causes error - Transporter Unable to access inbound data
BG-4708	Workbench Null Pointer on Workflow screen
BG-4706	Fix Null Pointer in Template Archiver during transfer via WorkBench
BG-4700	When using Windows Auth in MSMQ, an Error message is spawned and BridgeGate shuts down
BG-4699	Enhance Active Transactions Page Stop Transaction and Stop All Workflow Processing buttons
BG-4689	Outbound Field manually typing in Session Var name will not retain mapping
BG-4685	Portal - FTP Server Management View Reports- Ability to resize window
BG-4665	MSMQ Slow Connection for Grane
BG-4660	BridgeGate Connect V2 connect.mv.db file is corrupt and causing Connect Service to not start
BG-4263	Enhance Workflow Pie Chart to include Transaction Overhead.

Version 8.0.14-170524

Issue #	Description
BG-4698	Test By Template - Widget is disposed on paste of test data
BG-4697	Get Data sFTP is not kicking off Has More Data True transactions correctly
BG-4695	Unable to upload modified file for reprocessing
BG-4690	Create Substring Replacement Plugin

BG-4681	Add capability to ignore global substitutions on DataDictionaryPlugin In Values tab
BG-4659	Active Transactions Page will not Stop a Workflow
BG-4194	Update BG_transaction.trans_time when changing the status of a workflow

Version 8.0.13-170512

Issue #	Description
BG-4693	Get GPG file with decryption shows 0k file on get data which causes translation to fail
BG-4692	Get - Forward Only with new Move Feature producing 0k file on 2nd Forward Only
BG-4687	Fix Workbench Null Pointer Exception
BG-4682	Fix Workbench Run Time error on PDC Send Data screen
BG-4680	Allow access to Global Substitution tab for static templates
BG-4678	Document Hazelcast TCP-IP settings
BG-4672	Enhance Server.log to have very detailed logging during incomplete workflow manager execution
BG-4670	Variables are being re-executed when incomplete workflow manager executes a workflow
BG-4667	BridgeGateHTTP should support BASIC Authentication using Custom HTTP header value
BG-4663	Test Template Test Data control is changing LF to CRLF
BG-4657	BridgeGateFTP stops workflow RTP processing until restart of Service
BG-4656	Upgrade JCE Policy Jars
BG-4654	Upload this file button in the portal allows user to click when nothing is selected.
BG-4652	Fix StringIndexOutOfBoundsException in FTPAdapter
BG-4644	Fix Workbench Runtime error - No more handles
BG-4639	Bypass IncWFMan does not work if the workflow is being called from a parent
BG-4635	Decrypt and Encrypt process on get and send data is producing several extra files
BG-4633	Files are being left behind in the data_archive even when no data archive is turned on
BG-4632	Error encrypting data on send data if archive data is off
BG-4564	BridgeGateHTTP authentication documentation and regtest
BG-4339	Cloud - Files not being cleaned up in ../bridgegate/server/work/catalina/localhost/ROOT folder
BG-4169	Portal - fix MSMQ get or send data to display Queue Name in Variables section

Version 8.0.12-170419

Issue #	Description
BG-4664	A `%` symbol in inbound HL7 data is causing Error Reading Parsing Data Error - Fix URL Decode
BG-4636	Fix getting a WRN2055 not properly mapped save warning when I correctly map a record to a Loop over value

BG-4625	Enhanced to add custom headers to the Web Service Adapter
BG-4611	Enhanced Inbound Header and Trailer Validation - Phase 2 Additional Validation
BG-4603	Fixed JCE Help has typo
BG-4598	Removed 'No file history found' label when no edited files exist for a transaction in portal.
BG-3955	Enhance performance with Get and Forward only
BG-3316	Fixed rename of Schedule and transfer to server not refreshing schedule cache
BG-2288	Added a new Variable action 'Convert to Field Type'

Version 8.0.11-170403

Issue #	Description
BG-4620	Change not properly mapped save warning for Records to Auto Correct with save warning notice.
BG-4612	Enhance inbound parsing performance improvements.
BG-4609	Fix Null pointer on In Values tab for Get Data Web Services
BG-4608	Fix Widget is disposed error in Workbench on PDC Send Data for Web Services
BG-4600	Document expected behavior for FTP Get Data executing a workflow more than once when it is not the 1st get data.
BG-4597	Implement option to retain(or not) a decrypted / encrypted file
BG-4592	Enhance Portal Server Mgmt page to load via ajax so it does not hold up access to other tabs.
BG-4588	Implement Auto Correct old Outbound Template's invalid Inbound Mappings and display new save warning notice.
BG-4586	Fix AS2 Client Timeout.
BG-4583	Add additional Portal Status Message info for FTP Cached Connection.
BG-4578	Implement inbound Header and Trailer Record Required Validation.
BG-4576	Fix a No Data downstream from SFTP Get Data with delete.
BG-4565	Enhance Portal Services Screen refresh and disable.
BG-4560	Enhance Error Handler to NOT require an OBT.
BG-4494	Fix Web Service GUI new parameter when Use WSDL checked.
BG-3791	Allow user break for instantiation of WF's via Action Workflow Item.

Version 8.0.10-170303

Issue #	Description
BG-4585	AS2 wrapper log file producing https exception
BG-4584	Changed expected RejectedExecutionException to not send email to support.
BG-4575	Portal - New User BridgeGate Administrator checkbox should fill in Start Path
BG-4574	HL7 outbound mapping inside field group is causing loss of translated output

BG-4570	Enhance FTP Client FTP Timeout logic to make configurable in BridgeGate.xml
BG-4567	AS2 Server to automatically reload AS2 PDCs when they change
BG-4545	FTP will not get a file when it exists in a location when multiple files exist
BG-4513	BridgeGate FTP and sFTP does not support multi file masks as service
BG-2882	Service Pack Download / Upgrade via BridgeGate Portal Enhancements

Version 8.0.9-170213

Issue #	Description
BG-4568	Add missing AS2 Workflow Sender, Receiver attributes.
BG-4566	Cannot successfully install a service pack through the portal when AS2 service is installed.
BG-4561	UserName and Password for the BGHTTP should be read from the header values.
BG-4557	Workbench - Outbound Database Template losing Record mapping when setting Loop Over Optional field.
BG-4556	AS2 server produces stack trace on bad pdc and shuts down.
BG-4555	AS2 config.xml has invalid xml.
BG-4554	Compressed File Date session var is incorrect.
BG-4553	Compressed File Name session var is incorrect on 1st file
BG-4552	Change order for Stop all Servers link in the portal to Stop BridgeGate last.
BG-4543	Document Server Config section about turning Incomplete Workflow Manager off
BG-4542	FTP and SFTP wild card Vs direct file name produces different results.
BG-4541	FTP and SFTP generates error if it attempts to get a file that doesn't exist in the directory.
BG-4538	Add display of BG Version to Workbench login screen when a new version is available.
BG-4532	Portal - Schedule Screen cannot access Page 2.
BG-4531	Send Data with Guaranteed Delivery not supported when Logging Is Off - Update Help.
BG-4530	Add new Get Data Session Var - Decompressed File Items.
BG-4528	Get and Send HTTP - Force SSL Host Verification checkbox help.
BG-4523	Get Data File with Data archive off and forward data to FTP causing exception.
BG-4522	FTP and SFTP generates error if it attempts to get a file that doesn't exist in the directory - Fix status messages.
BG-4521	Enhance Workbench to send report from exception screen immediately.
BG-4519	Server Management - View Chart - Do not clear the date/time controls after searching.
BG-4344	Enhance Workbench to clean up the data archive under the Workbench installed folder.
BG-3748	Update CD Installer to have option to not install MySQL.
BG-3395	Server Load Stats Enhancement.

Version 8.0.8-170118

Issue #	Description
BG-4520	Workbench Send Data Change from PDC to current connection causes Null Pointer.
BG-4515	Fix Scheduler deadlock issue.
BG-4502	Send Data to Database using OBT as Send Immediate will not work without a PDC.
BG-4501	Portal - Send Data Database Details link shows several un-localized values.
BG-4500	Detailed status message for OB SQL statements not generated with execute Immediate.
BG-4494	Web Service GUI failure when adding new parameter when Use WSDL checked.
BG-4248	Provide UTC formatting for TODAY() on Variable Screen.
BG-4179	Update help on file adapter and User's Guide to include example to search for multiple file types.
BG-3658	Update Error Handler Documentation.

Version 8.0.7-2-170118

Issue #	Description
BG-4529	Fixed issue where some Web Service Adapters are failing after upgrade to Bridgegate 8.07

Version 8.0.7-1-170117

Issue #	Description
BG-4525	Fixed issue where some HTTP Adapters are failing on HTTPS with error unrecognized_name

Version 8.0.7-161213

Issue #	Description
BG-4503	Fix Database backup system schedule with zip file. Retention days does not support zip files.
BG-4499	Linux Install has DOS CRLF.
BG-4498	Update table creation to work on restricted DBs.
BG-4495	Update Get Data Help.
BG-4493	BridgeGate Upgrade Documentation - Suggestions for major version update instructions.
BG-4487	New CD install generates 2 rows in the bg_schedule_history table.
BG-4485	Core - Send records one at a time is generating a header trailer record at the end of translation.
BG-4484	Active / Failover environment - Memory increases during MSMQ outage.
BG-4467	Transaction search does not filter when using wfg, wf and transaction range.
BG-4459	Get Data Use Decompress and Decryption check box changes.
BG-4450	Get Data as RTP using Concurrent processing has incorrect session vars

BG-4441	Email notification of the BridgeGate Service Start/Stop
BG-4411	Portal User -New User or Edit User Screen add Test Email button
BG-4198	Unable to create proper XML IBT from data
BG-4155	Report count of OB SQL statements not generated due to null fields.
BG-3769	Parent-Child link failure on error
BG-3752	Loss of location on lock refresh

Version 8.0.6-161116

Issue #	Description
BG-4469	BridgeGate RTP over SSH is not working when using File Directory
BG-4427	Update Server install guide documentation to include Email list
BG-4346	BridgeGate Upgrade Guide Document changes to include more configuration files
BG-4323	Enhance BridgeGate System Schedules to be more granular and support editing through Portal
BG-4277	Add Plugin to change Transaction Status and Add Comment
BG-4173	Workbench File In Use Plugin Help.

Version 8.0.5-161020

Issue #	Description
BG-4286	Ensure FTP reuses cached connections
BG-4315	Workbench Workflow Item List no longer showing Comm, Proc..etc errors in System Data Drop down
BG-4404	Update Cloud Documentation to include the system schedule it uses
BG-4406	Reduce socket connections for MSMQ
BG-4414	Anomalous translation failure: Non-relation element found in relation list error message
BG-4419	Portal Transaction, Services and Schedule pages performance enhancements
BG-4423	Fix Portal Services Page - Workflow View
BG-4424	Add URLRewrite.xml to Server Config list in portal
BG-4426	Fix Workbench Runtime Error On Fill Var Collection Screen
BG-4429	In the portal when adding a New Group it is displaying "Email Address must be valid and contain an At symbol '@' and period '!'"
BG-4435	File RTP is generating Unable to access File. File is not accessible, readable or if the file is on a remote drive, network error. Errors and it is processing more files than it should
BG-4444	Services are taking a long time to start when the database is large.
BG-4453	Add logging to ExecuteWorkflowServlet to help identify the source of web4.servlet error

Version 8.0.4-1-160912

Issue #	Description
BG-4430	The release did not include 6 jars which caused the SFTP to fail.

Version 8.0.4-160830

Issue #	Description
BG-4413	Cloud Producing Server Responded with 0 code and failed to upload 1g file. Update error message
BG-4403	File Type for FTP Client Get is not working
BG-4399	When accessing a Workflow Variable, it is not being set to the last value.
BG-4396	Add AS2 data files to Data Archiver
BG-4394	Send Data AS2 does not notify user it is not supported in Test by Workflow
BG-4393	Include bg_as2_service.conf in list of downloadable files via portal.
BG-4389	Trading Partner Lookup is not working when using Test Template or Test Workflow
BG-4387	New account screen has some controls enabled but they should be disabled.
BG-4385	BridgeGate clustering should be more resilient to hard resets
BG-4383	Services and Schedules do not start for 10 minutes
BG-4379	Failed DB conversion during update from Version 6 to Version 8
BG-4375	Add -XX:+UseStringDeduplication as a default option to bg_service.conf
BG-4374	Upgrade JVM to 8.0.101
BG-4321	Log Change Password Interaction and Email
BG-4252	Session value "Output Char Count" not properly reported for translation with multiple outbound conditions
BG-4175	Enhance urlrewrite to reload
BG-3230	Implement new inbound mapping for OutboundConditionFilterDialog
BG-3220	Implement new inbound mapping for LoopFieldGroupScreen

Version 8.0.3-160818

Issue #	Description
BG-4398	BridgeGate RTP over SSH is not working for a workflow in 8.0 when it did in 7.0
BG-4392	When accounts directory is a UNC path, SSH is not working properly
BG-4391	FTP and SSH logging path is not correct. Should be using the properties file in the corresponding directory
BG-4376	Fix an error message when creating an account and "No" for Create new administrator
BG-4372	On new install it shows the following when adding a new user: The email already exists in the system for user admin.
BG-4371	Incorrect Save warning for Get Data not using Decompression
BG-4370	Get Data using Decompression will not Decompress if Decompression Dir doesn't

	exist
BG-4369	Distributing jars will not work with using a Hotfix
BG-4366	Cloud download via single file shared link
BG-4365	send data - use compression based on what is selected in the drop down
BG-4364	Send Data and PDC load Compression Type list
BG-4363	Update server install guide, send data, and get data sections for compression/decompress
BG-4362	SSH home directory displayed to client changed from migrating to 8.0
BG-4361	TAR and GZ only - Ability to Password Protect Zip Files and Open Password Protected Zip files
BG-4360	Increase the BridgeGate password length to minimum of 8 chars
BG-4358	Errors produced trying to create template from SQL and trying to add new record from SQL
BG-4351	Encrypt Data Archive at rest
BG-4350	Encrypt Database Backup Files
BG-4348	Workbench install default location incorrect.
BG-4347	Remove Compression Types from BG.xml
BG-4342	New 8.0 CD install should check for previous version less than 8.0
BG-4337	SSH Exceeding Concurrent Connections leaves server in an inconsistent state leading to restart
BG-4335	Hazlecast logging is on by default with new cd. It should be off
BG-4334	Document external_url element used with Forgot Password in Server Installation
BG-4333	Test Workflow and Test Template displaying Results tabs incorrect
BG-4331	Fix SSH Concurrent Connections Problem
BG-4326	HL7 2.5 outbound acknowledgement generation
BG-4316	Temp files not being cleaned up in ../bridgegate/server folder
BG-4302	Send Data not showing data when sending via Session Data or Local File System
BG-4214	Implement AS2
BG-4144	Truezip upgrade
BG-3761	Allow BridgeGateHTTP Synchronous Response to set status codes
BG-3226	Implement new inbound mapping for VariableCollectionScreen
BG-3223	Implement new inbound mapping for FieldDatabaseScreen
BG-3219	Implement new inbound mapping for CustomDBFieldScreen
BG-3218	Implement new inbound mapping for Template Properties (Trading partner Lookup data)
BG-3063	Ability to Password Protect Zip Files and Open Password Protected Zip files

Issue #	Description
BG-4381	Not getting the correct Predefined Connection when the name is shared between Source and Destination connections.

Version 8.0.1-2-160712

Issue #	Description
BG-4366	Cloud download via single file shared link.

Version 8.0.1-1-160705

Issue #	Description
BG-4362	SSH home directory displayed to client changed from migrating to 8.0.

Version 8.0.1-160607

Issue #	Description
BG-4320	Click Modify Password from Account Users screen and Portal Exception happens
BG-4319	Fix Workbench Null pointer
BG-4317	Additional Cloud Activity Logging Changes
BG-4314	Support the ability to search / filter Portal Users
BG-4313	Enhance Cloud folder security permissions
BG-4312	Portal incorrectly showing New Group button when going to Users Screen
BG-4311	Cloud change password should only appear if logged in using portal user
BG-4309	Sample6 type1 workflow uses a MySQLIn pdc but the pdc does not show on the PDC screen
BG-4307	Workbench .err log file has string index out of range errors
BG-4300	Add email address to BridgeGate user information
BG-4294	Cloud - support Forgot Your Password Feature
BG-4293	Fix Web.xml and Server.xml documentation in BridgeGate Server Installation Guide
BG-4292	Upload file via Cloud, FTP, SSH will not set delete flag
BG-4291	Upload file via SSH creates incorrect Activity History
BG-4290	Upload file via Cloud creates incorrect Activity History
BG-4288	Add entries to server.log if a server cannot join the cluster
BG-4285	Password change capability for Cloud user
BG-4280	Unable to install service pack in Active-Active configuration
BG-4258	8.0 Cluster issues - QA01 and QA04 was in cluster then QA04 shows twice
BG-4235	Portal - manage workflow - changes do not seem to persist for details or entire workflow
BG-4213	Fix Workbench runtime exception related to too many handles
BG-4158	Portal - Fix several issues on the PDC administration screen

BG-4117	When applying a service pack in a clustered environment it reports that it did not complete successfully
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Version 8.0.0-160509

Issue #	Description
BG-4299	End of Data Terminator not saving value that is typed in.
BG-4295	WebService - Support TLS 1.2 (provide a way to choose at the workflow level)
BG-4289	8.0 SSH will not work when BridgeGate set to HTTPS
BG-4283	Enhance Cloud to support multi file share
BG-4275	File Wait Plugin doesn't support * in file mask
BG-4267	Softref and File Close changes in 8.0
BG-4262	Password change capability for Cloud user
BG-4259	Pool XML parsers (performance)
BG-4256	Use UTF-8 as default character encoding
BG-4255	Service pack upload - Java Heap Space Error - Clustered environment
BG-4251	Workbench Popup Center
BG-4244	Enhance the Windows installer to set Memory configuration in bgservice.conf
BG-4242	Cloud History logged File Replaced when the file was not replaced
BG-4239	8.0 Workbench will not allow you t install more than one version
BG-4237	Review bg_xx_service.conf for jvm params
BG-4236	Cloud - Support file names with apostrophe
BG-4232	Portal User Password Requirements not checking on new user
BG-4224	Service pack upload - Java Heap Space Error - Non-Clustered Server
BG-4217	AXIOM and AXIS2 upgrade needs code changes
BG-4216	Variable Screen Mapping Issue
BG-4212	Copy/Paste of JSON object losses mappings
BG-4211	New Inbound Mapping - Inbound Date Pattern setting on FieldScreen
BG-4209	Fix Workbench runtime error
BG-4201	SFTP destination directory inconsistent.
BG-4200	CCD XML in - too JSON out seems to produce incorrect output
BG-4199	Loss of looping specification in XML-to-DB translation
BG-4197	BG 8.0 SSH - Grane problem of Client not joining cluster fix in 8.0
BG-4195	Add data string setting to BG.xml and documentation
BG-4192	Unable to detect long-running txn in portal
BG-4189	Change current File RTP to use new Java WatchService to detect files
BG-4186	Fix issue with copy/pasting of a workflow - if you copy and paste workflow then change something in the pasted one, it changes the 1st one

BG-4185	FileWaitPlugin appears to be causing system slowdown
BG-4183	Enhance logging to Server.log to expand with session vars when using call workflow
BG-4178	Remove BridgeGate Connect from Installer
BG-4177	Cloud upload not working on a file that was uploaded, deleted then uploaded again
BG-4168	Not getting the correct Predefined Connection when the name is shared between Source and Destination connections.
BG-4165	MySQL - innodb_additional_mem_pool_size is DEPRECATED
BG-4164	HttpAdapter Support TLS 1.2 (provide a way to choose at the workflow level)
BG-4157	Add REPROCESS_WF_TRANSACTION_ID to "Out Values" of ReprocessWorkflowPlugin
BG-4154	Fix a workbench Copy/Paste issue when copying Get, Trans, Send Items
BG-4151	Unable to copy-paste error handlers
BG-4141	Workbench - Visual screen does not allow else to be added and displayed visually
BG-4135	Review Gradle dependencies - upgrade jars
BG-4130	Duplicated output using multiple Get Data - Session Data in a single workflow
BG-4125	Variable Collection accessing a JSON array throws error
BG-4123	Provide correct e-mail address for Support when clicking link in portal.
BG-4108	Workbench - GenericDatabasePlugin - Out Values not populated
BG-3938	Outbound Database loop over does not support new record mapping control
BG-3806	If a workflow with BridgeGateHTTP has 2 synch responses it produces a Null Pointer
BG-3785	API for reprocessing BG transaction
BG-3770	cd install error reported for mysql db_data.sql
BG-3618	Workbench install fails on Win8.0 and above
BG-3482	Cloud Max storage controls not populating when adding a new user and selecting the Administrator checkbox
BG-3378	Enhance Cloud to support Multiple File Download
BG-3229	Implement new inbound mapping for SequenceScreen
BG-3228	Implement new inbound mapping for ElementScreen
BG-3227	Implement new inbound mapping for ConditionalFieldsScreen
BG-3225	Implement new inbound mapping for PluginScreen
BG-3222	Implement new inbound mapping for AttributeScreen

3.0 How to install the Update

Two updates are included in this release:

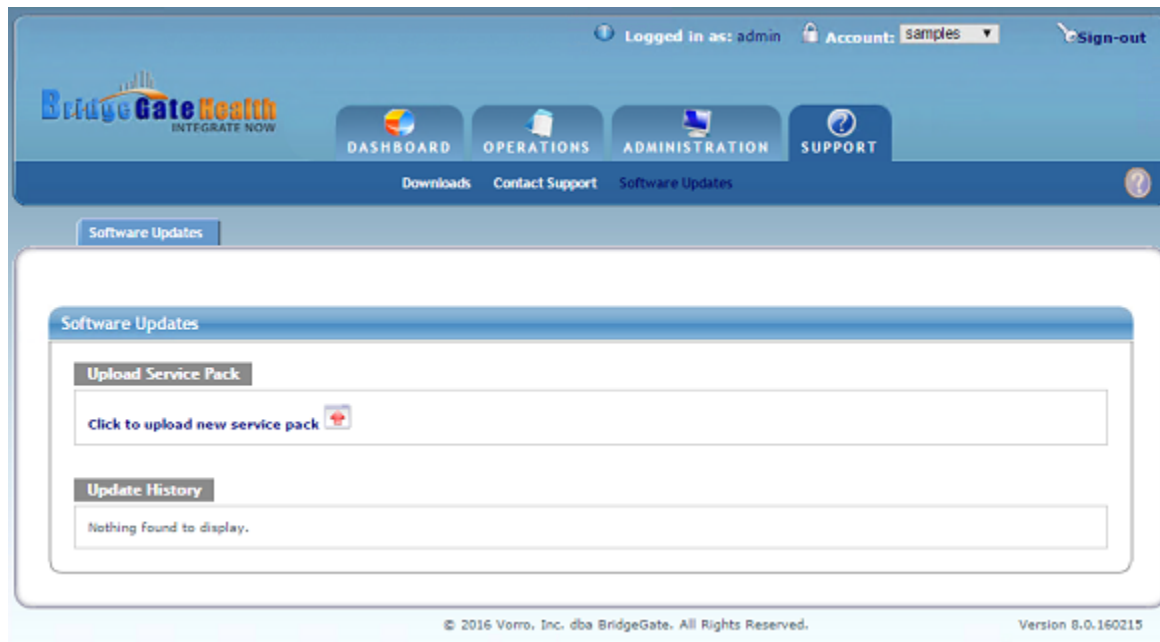
1. Update for the BridgeGate Server
2. Update for the BridgeGate Workbench

3.1 Upload Service Pack - Portal Installation

First save the Service Pack to your local machine from a location provided to you by Customer Support.

You can install the service pack via the BridgeGate Portal by selecting Support then the Upload Service Pack menu item. Use the Browse button to locate the Service Pack you just downloaded and then select open then select the Upload Service Pack button.

Note: The BridgeGate Client will be prompted to download the new Service Pack the next time you login.

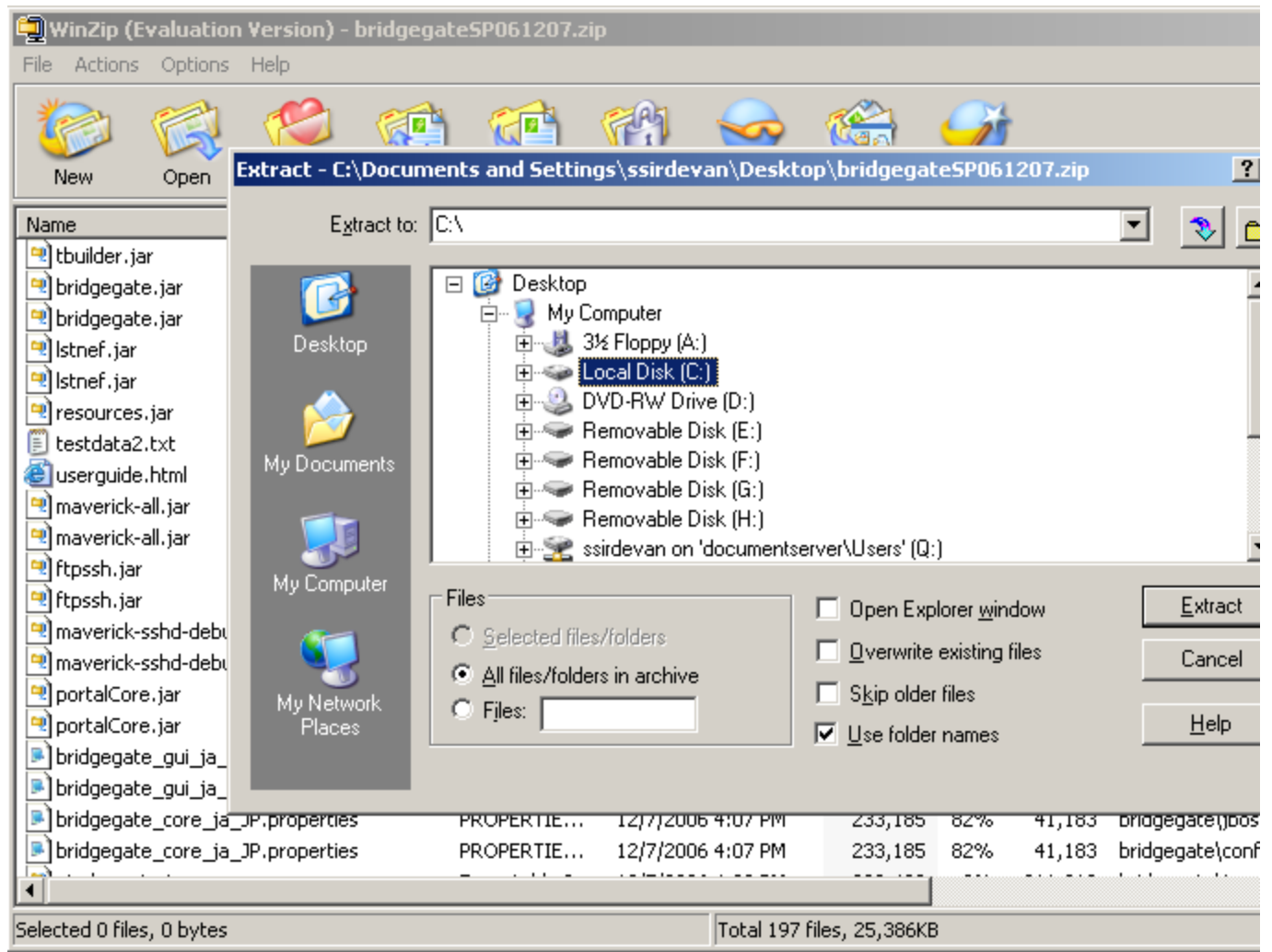


If you experience any errors use the following manual installation procedure.

3.2 Manual Installation

The Manual Service Pack Installation is to first stop the BridgeGate services, (MySQL is not needed just BridgeGate, BridgeGate FTP server, etc.). Then Delete ROOT.war and ROOT from the \server\webapps directory as shown below.

Next copy the Service Pack to the BridgeGate Server Machine and unzip the file to the root directory. The root directory is c: or d: depending on where you installed BridgeGate. After extraction, restart the services starting with the BridgeGate service down the list as shown below.



4. Configuration

4.1 Oracle JDBC Thin Driver using TNSNAMES.ORA

BridgeGate 5.0 Build 110106 updated the Oracle database driver to allow for using the TNSNAMES.ORA file to specify connection settings. To use this capability, the server must be configured with the location of the TNSNAMES.ORA file.

4.1.1 Windows Server

In a Windows environment, edit the BRIDGEGATE_HOME\bin\bg_service.conf file, where BRIDGEGATE_HOME is the location of your BridgeGate installation (e.g., C:\bridgegate\bin\bg_service.conf). Find the block labeled "Java Additional Parameters" and add the line:

```
wrapper.java.additional.x=-Doracle.net.tns_admin=<directory containing
tnsnames.ora file
```

For example, if your tnsnames.ora file has been created in the C:\bridgegate\conf directory, the bg_service.conf file would contain the following:

```
wrapper.java.additional.1=-Dprogram.name=%JBOSS_HOME%/bin/run.bat
```

```
wrapper.java.additional.2=-DBRIDGEGATE_ROOT=%BRIDGEGATE_HOME%
```

```
wrapper.java.additional.3=-DBRIDGEGATE_SERVER=true
```

```
wrapper.java.additional.4=-Xms256m
```

```
wrapper.java.additional.5=-Xmx1024m
```

```
wrapper.java.additional.6=-XX:MaxPermSize=128m
```

```
wrapper.java.additional.7=-server
```

```
wrapper.java.additional.8=-Doracle.net.tns_admin=C:/bridgegate/conf
```

Note that the integers just before the equals sign (=) must be unique and consecutive.

4.1.2. UNIX/Linux Server

For a UNIX/Linux server, edit the /bridgegate/bin/runbridgegate script. The following item needs to be added to the JAVA_OPTS environment variable:

```
-Doracle.net.tns_admin=<directory containing tnsnames.ora>
```

For instance, if the tnsnames.ora file exists in the /bridgegate/conf directory, the following might be set for the JAVA_OPTS variable (all on one line):

```
JAVA_OPTS="-Xmx1400m -ms80m -XX:MaxPermSize=128m  
-DBRIDGEGATE_ROOT=$BRIDGEGATE_HOME  
-Djava.security.properties=$BRIDGEGATE_HOME/java/jre/lib/security/java.security  
$JAVA_OPTS" -Doracle.net.tns_admin=/bridgegate/conf
```

4.1.3. Workbench

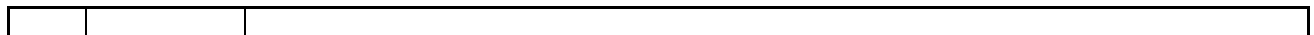
The workbench configuration is specified by the \bgworkbench\client\BGWorkbench.ini file. The options are specified on a line that begins with "Virtual Machine Parameters!". Modify this line to include the -Doracle.net.tns_admin=<path to tnsnames.ora> For example, if the tnsnames.ora file is in the c:\bgworkbench\conf directory, this line should read (all on one line)"

```
Virtual Machine Parameters=-Doracle.net.tns_admin=C:\\bgworkbench\\conf  
-Djava.library.path=..\lib -mx900m -ms40m -DBRIDGEGATE_ROOT=..\
```

4.1.4. Ports

The BridgeGate server uses the following standard ports. If the environment that BridgeGate is installed on includes other conflicting services these standard BridgeGate ports

need to be changed to be unique to avoid conflicts.



Port	Use	Configuration location
8005	Tomcat shutdown	/bridgegate/server/server.xml
8009	Tomcat ajp13	/bridgegate/server/server.xml
8080	Tomcat http	/bridgegate/server/server.xml
8443	Tomcat https	/bridgegate/server/server.xml
5701	Hazelcast	Auto-selected starting at 5701
3306	MySql	/bridgegate/conf/bridgegate.xml
15003	Service Wrapper	Auto-selected starting at 15003, though can be configured in /bridgegate/bin/bg_service.conf using wrapper.port.min and wrapper.port.max

4.1.5. Log locations

BridgeGate performs various logging to files as listed below:

Location	Description
/bridgegate/logs/server.log	BridgeGate Server Processing log configurable using /bridgegate/conf/log4j.xml
/bridgegate/logs/file.log	Additional BridgeGate Server Processing log currently only for c3p0 Errors configurable using /bridgegate/conf/log4j.xml
/bridgegate/logs/bridgegateSP_8.0.#####.zip_error.log	Error Log for the installation of a single Bridgegate Service Pack configurable using /bridgegate/server/server.xml
/bridgegate/logs/bridgegateSP_8.0.#####.zip_install.log	Log for the installation of a single Bridgegate Service Pack configurable using /bridgegate/server/server.xml
/bridgegate/servicepack/install.log	Additional log of BridgeGate Service Pack installation
/bridgegate/server/logs/catalina.####-##-##.log	Daily log of Tomcat engine messages pertaining to Tomcat itself
/bridgegate/server/logs/localhost.####-##-##.log	Daily log of Virtual Host processing
/bridgegate/server/logs/localhost_access_log.####-##-##.log	Daily log of Application and Component Access

/bridgegate/server/logs/manager.####-##-##.log	Daily log of Activity Performed using Tomcat Manager Application
/bridgegate/FTPServer/ftpServer.log	BridgeGate FTP Server configurable using /bridgegate/FTPServer/log4j.properties
/bridgegate/FTPServer/SFTPServer/sftpServer.log	BridgeGate SFTP Server configurable using /bridgegate/FTPServer/SFTPServer/log4j.properties

4.1.6. Configure BridgeGate Cloud

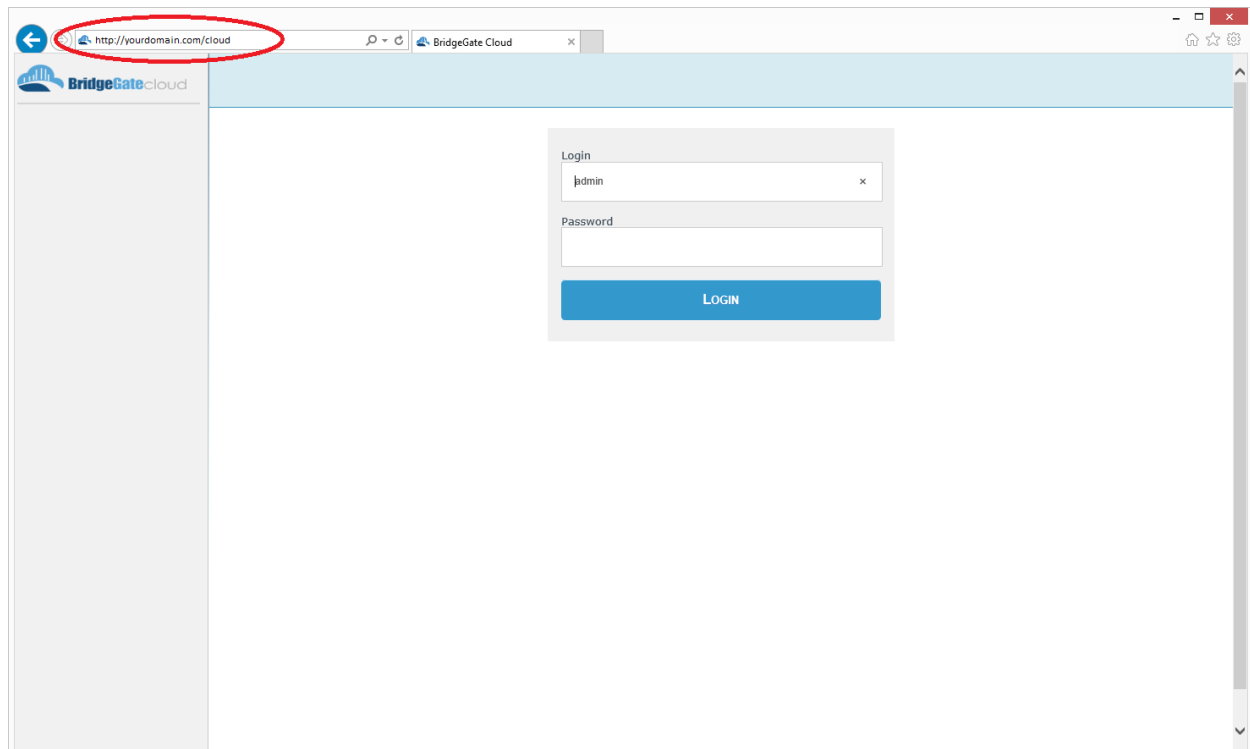
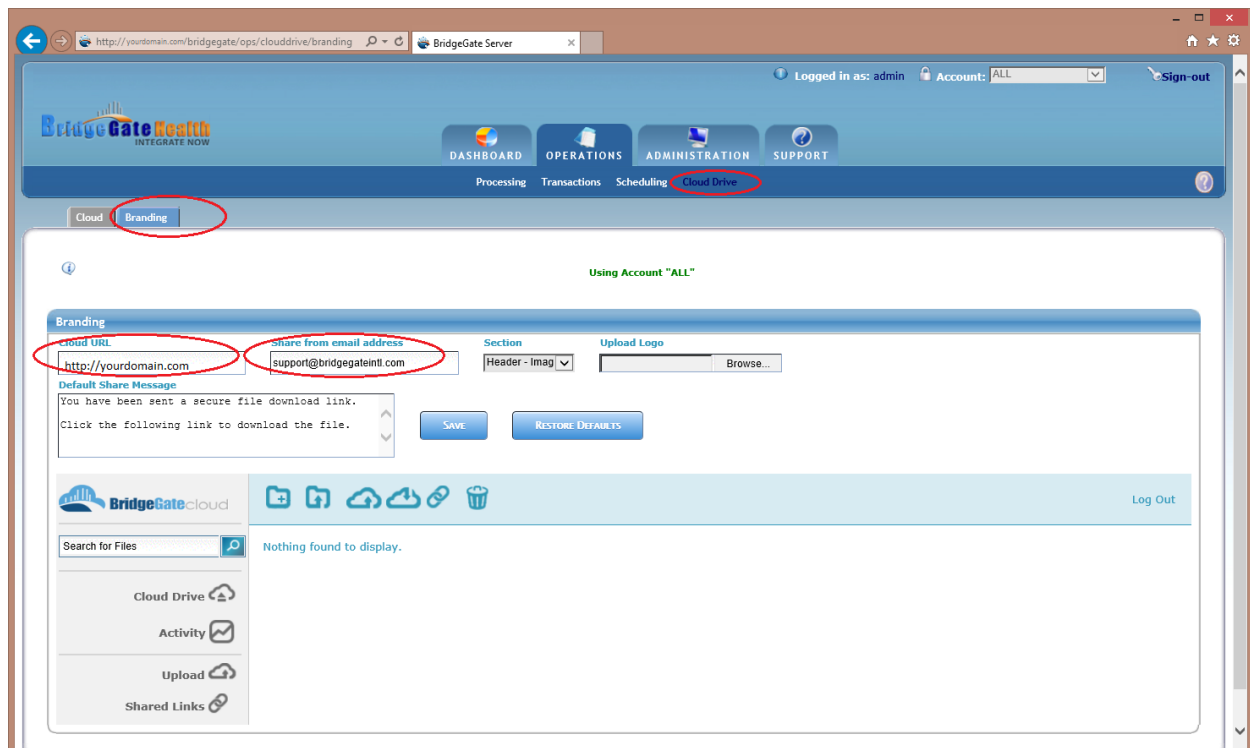
BridgeGate is proud to offer a Custom Branded Web-based Cloud drive service. The BridgeGate Cloud provides the following features/benefits:

- Upload or download files to the Cloud from your computers, phones or tablets
- Safely and securely share files
- Custom Branding of the Cloud Drive
- Full audit trail of file activity
- Real Time processing of files that are uploaded on the BridgeGate Server

The BridgeGate Cloud is enabled by default on new CD installs starting 7.0.141006. If the BridgeGate Server is on a previous version and you apply the 7.0.141006 or later Service Pack, you will need to enable the BridgeGate Cloud by entering the following in the BridgeGate.xml.

```
<BRIDGEGATE_CLOUD LOG_FTP_ACTIVITY="TRUE" DB_CLOUD_RETENTION="90" CLOUD_ACTIVE="TRUE" />
```

After enabling the Cloud, go to the Branding page in the BridgeGate Portal to configure the Cloud URL and Share from email address settings to Share files. The BridgeGate Cloud may be accessed from the BridgeGate Portal or the Cloud Website (<http://yourdomain.com/cloud>). For additional training / documentation please visit the BridgeGate Cloud documentation in the Workbench.



5. Support

Interacting with BridgeGate

Vorro, Inc.
D.B.A BridgeGate International
7751 Belfort Parkway
Suite 160
Jacksonville, FL 32256

(866)739-0300 (US Toll Free)
(904)739-0300 (International)
(904)739-0595 (Fax)

Customer Support

BridgeGate provides 24/7 customer support.

(866)739-0300 ext. 250(US Toll Free)
(904)739-0300 ext. 250(International)
E-mail: support@vorrohealth.com

Professional Services/Training

Contact the BridgeGate sales or professional services team regarding the provision of exemplary consultative services.

(866)739-0300 ext. 250 (US Toll Free)
(904)739-0300 ext. 250 (International)

E-mail: sales@vorrohealth.com
support@vorrohealth.com