

Configuration Validation Check Sheet

Use the checklist below to validate key items for an EFT Server and DMZ Gateway Server deployment.

Service	
<input type="checkbox"/>	Make sure that the GlobalSCAPE Secure FTP Server service is started on the computer.
<input type="checkbox"/>	Make sure that the service is listening on the expected IP:PORT socket addresses on Secure FTP Server. (To view the listening sockets, use "netstat -ona" from a command line or an application such as PrcView or TcpView.)
<input type="checkbox"/>	Check the Event Viewer log to ensure that there are no errors in the Application log related to Secure FTP Server or DMZ Gateway Server.
<input type="checkbox"/>	Confirm that the Administrator shows the status of the system when it is launched and connected to the Server.
Secure FTP Server User Management	
<input type="checkbox"/>	For each Site on Secure FTP Server, ensure that the expected user accounts exist.
<input type="checkbox"/>	To ensure that authentication is working as expected, attempt to log in to the Server as a user account on the system (using any protocol).
<input type="checkbox"/>	To confirm permissions for the user account are working as expected, attempt a file transfer.
Protocol/Network	
<input type="checkbox"/>	For each protocol enabled on the Server, attempt a connection directly to the Server using a client that supports that protocol.
<input type="checkbox"/>	For each protocol enabled through DMZ Gateway Server, attempt a connection to the appropriate DMZ Gateway IP:PORT and confirm that this route works as expected.
Auditing/Logging	
<input type="checkbox"/>	View the audit traces generated by the validation steps above.
<input type="checkbox"/>	Confirm that the Auditing and Reporting module database has been populated with appropriate data (using either the Server Reporting interface or direct access to the SQL Server being used).
<input type="checkbox"/>	Confirm that the text log files generated by the Server have been populated with the appropriate data.
Event Rules/Workflow	
Each customer has a unique set of Event Rule/workflow requirements, but these are the general validation steps. Confirm the following are working as expected:	
<input type="checkbox"/>	E-mail notifications. Test e-mail notifications by triggering an Event Rule that has an e-mail notification Action to confirm that Event Rules fire and that the SMTP configuration is correct.
<input type="checkbox"/>	PGP operations. Confirm that OpenPGP keys are configured properly.
<input type="checkbox"/>	Move/Copy/Download actions. Initiate Event Rules that perform remote file uploads/copies/download so that connectivity originating from the Server to a remote system is properly configured. In this step, also confirm that a log file is generated that audits outbound connection information (a "cl*.log" file in the designated Server Log File location).
<input type="checkbox"/>	Custom Commands. The Server is responsible for triggering those external commands, so that is what should be validated with respect to the Server. Any actions carried out by those external tools should be validated independently. Confirm that a "CMDOUT.LOG" file is generated in the Server installation folder as the result of an invoked Custom Command .
<input type="checkbox"/>	Folder Monitor Rules. Ensure that the Event Rules are properly enabled and responsive to files added to the folder being monitored .
Cluster/Failover Testing	
<input type="checkbox"/>	For cluster deployments, the failover and failback operations of the cluster should be confirmed. After a failover/failback, confirm that the newly active server behaves properly; that is, the failover is transparent and the configuration/operation is as expected. This can be summarized by the prior set of tests operating against the newly active node in the cluster.
Load Testing	
<input type="checkbox"/>	If you expect high volumes of traffic or back-end processing within the Server, you should verify that the resource utilization levels on the Server are within acceptable tolerances. There are numerous load-testing tools available, ranging from simple batch files running command-line FTP to highly complex synthetic transaction generators. GlobalSCAPE's Quality Assurance team performs load testing of our servers as part of our standard validation process for releasing software and can provide guidance and/or tools to assist in load testing.

Numerous other features can be validated within the Server. The above set represents the key elements that are most often used and are the most critical to successful operation in a production environment.