

---

## Authentication Report

The Authentication Report enables you to obtain a listing of user authentication attempts into Sterling Integrator, and from within Sterling Integrator to remote systems. User authentication is any log in with a user ID.

The following table lists the Authentication reports that are installed with Sterling Integrator:

Report Name	Description
AuthenticationByEndPoint1	This is an Authentication report organized by end point. All other available criteria is reported according to the defaults.
AuthenticationByPrincipal	This is an Authentication report organized by principal. All other available criteria is reported according to the defaults.
AuthenticationByProtocol	This is an Authentication report organized by protocol. All other available criteria is reported according to the defaults.

## To Run or Customize This Report

Use **Operations > Reports** to run or customize this report.

## Authentication Report Parameters

### Report By

Parameter	Description
Remote EndPoint	The name of the remote server location involved in the authentication event. Valid values include: <ul style="list-style-type: none"><li>◆ IP address</li><li>◆ Connect:Direct netmap entry</li></ul>
Principal	Either the userid presented to be authenticated as a valid Sterling Integrator user or the userid presented to the remote server to authenticate on the remote server.

Parameter	Description
Protocol	<p>The protocol for the communication session within which this authentication event happened. Valid values are:</p> <ul style="list-style-type: none"> <li>◆ FTP</li> <li>◆ Connect:Direct</li> <li>◆ SFTP</li> <li>◆ HTTP</li> <li>◆ MBI</li> <li>◆ WebDAV</li> </ul>

## Detail Filtering

The parameters that display are the same whether you select Remote Endpoint, Principal, or Protocol as the report by field:

Parameter	Description
Operator	<p>The operator filter function enables you to further define search criteria for many report parameters. Valid values are:</p> <ul style="list-style-type: none"> <li>◆ ALL</li> <li>◆ Equal To</li> <li>◆ Not Equal To</li> <li>◆ Like</li> </ul> <p><b>Note:</b> Sterling Integrator displays a text box if you select an operator other than ALL. Do not use special characters that are not allowed for the parameter you are filtering by.</p>
Principal	<p>Either the userid presented to be authenticated as a valid Sterling Integrator user or the userid presented to the remote server to authenticate on the remote server.</p>
Cred Type	<p>The authentication credential type presented for authentication. Examples include:</p> <ul style="list-style-type: none"> <li>◆ Password</li> <li>◆ Public key</li> <li>◆ Netmap check</li> <li>◆ sslClientAuth</li> <li>◆ Contract</li> <li>◆ Sender</li> <li>◆ SHA1/MD5</li> </ul>
Cred Value	<p>The value of the credential presented for authentication. If the credential type is password, the value is set to *****.</p>

Parameter	Description
Remote EndPoint	The name of the remote server location involved in the authentication event. Valid values include: <ul style="list-style-type: none"> <li>◆ IP address</li> <li>◆ Connect:Direct netmap entry</li> </ul>
Local EndPoint	The name of the local server location involved in the authentication event. Valid values include: <ul style="list-style-type: none"> <li>◆ IP address as hosted by the Perimeter Server supporting the connection for the adapter</li> <li>◆ Connect:Direct netmap entry</li> </ul>
Protocol	The protocol for the communication session within which this authentication event happened. Valid values are: <ul style="list-style-type: none"> <li>◆ FTP</li> <li>◆ Connect:Direct</li> <li>◆ SFTP</li> <li>◆ HTTP</li> <li>◆ MBI</li> <li>◆ WebDAV</li> </ul>
Session-Id	Unique ID for a particular communication session. The format varies by protocol.
Adapter	Name of the specific adapter being used for the session within which the authentication event occurred.

### Detail Filtering (Time/Date)

The date calculation is made when the report is run. You must select either during previous or a date range.

Parameter	Description
During previous Hours, days, weeks, months	The time period when the Authentication Report was last modified.
Or From / To Date	The date and time range in which the Authentication Report was last modified.

### Detail Filtering (Display Order)

When you choose a display order, the Report By fields are evaluated as having a set sort order which is not changed by the display order options.

Parameter	Description
Sort Order (for display)	Whether the report is sorted by business process name or status in ascending order (for example, A to Z) or descending order (for example, Z to A).
Order	The exact order in which parameters are displayed. Select a parameter and click the arrows keys to arrange the parameters in the desired order.