Release Notes for Sample Python Client Scripts
(For Python Script Release 3.2.0)
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Release Notes for Sample Python Client Scripts v3.2.0

The following Sample Python Client Scripts v3.2.0 files are available for download from the Customer Center:

- CorvilApiStatsClient.py – for retrieving API measurements including historical, live and Inspect Data results
- CorvilApiStreamingClient.py for retrieving packet capture and message results via streamed processing of MTOM attachments

An accompanying user guide - "Reference Guide for Sample Python Client Scripts" - can also be downloaded from the Customer Center.

These release notes describe:

- New functionality and updates to the script files
- Resolved issues for the scripts

> **NOTE:** For information on the XML API functions supported by the latest Corvil Analytics release, please refer to the Corvil Analytics XML API Reference Guide.

System Requirements

To use the example Sample Python Client scripts v3.2.0, the following is required:
- Python versions 3.0.x or later installed on your system
- Corvil Analytics appliances installed with 9.5.x or later (note that some features require the latest Corvil Analytics software release – 9.7.0)

> **NOTE:** The example Python scripts were tested using Python version 3.6 but are supported against Python versions 3.0 and later. The suds directory contains a patched copy of the suds library - this must be kept in the same location as the scripts.

New Functionality and Updates to the Python Scripts

The following table describes the new functionality and updates to the Sample Python Client Scripts in the v3.2.0 release.

Function	Description
CorvilApiStatsClient.py lens-data	**New lens-data Function** A new function that allows you to retrieve Lens data and export it in CSV format has been added to the Stats client. With the lens-data function, you can export Lens results - filtered by session or tag type - grouped by session or tag type - for business hours only
CorvilApiStreamingClient.py pcap	**Compressed gzip Support** PCAP files can now be exported in compressed gzip format. **[Supported in appliances using Corvil Analytics release 9.7.0 or later]**
CorvilApiStreamingClient.py lens-csv, flow-index, multihop-csv, gap-csv, packet-csv, message-csv	**Support for Compressed output** A new option has been added that allows you to output results as a compressed zip or gzip file. **[Supported in appliances using Corvil Analytics release 9.7.0 or later]**

Contacting Corvil Technical Support

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