

## KB001 - How much data is SAP sending to Splunk per day

SAP PowerConnect for SAP agent send approx. 700MB / day of data to Splunk to ingest. This can vary depending on the volume of transactional data however it is usually between 600MB - 800MB / day. The extract below shows a small, and large system ingestion volumes. We use the following query to determine the volume of data being sent to Splunk

```
index=_internal splunk_server="<splunkserver>" series=sap_abap | eval MB=kb/1024 | search group="per_sourcetype_thruput" | timechart span=1d sum(MB) by series
```

### Demo System :Small system (demo) approx. 250MB / day

_time	sap_abap
2015-12-01	274,871,731,702
2015-12-02	251,308,738,721
2015-12-03	230,780,948,300
2015-12-04	222,055,140,641
2015-12-05	204,697,977,071
2015-12-06	188,685,667,044
2015-12-07	207,523,118,028
2015-12-08	230,285,699,222
2015-12-09	253,536,170,967
2015-12-10	144,052,764,908

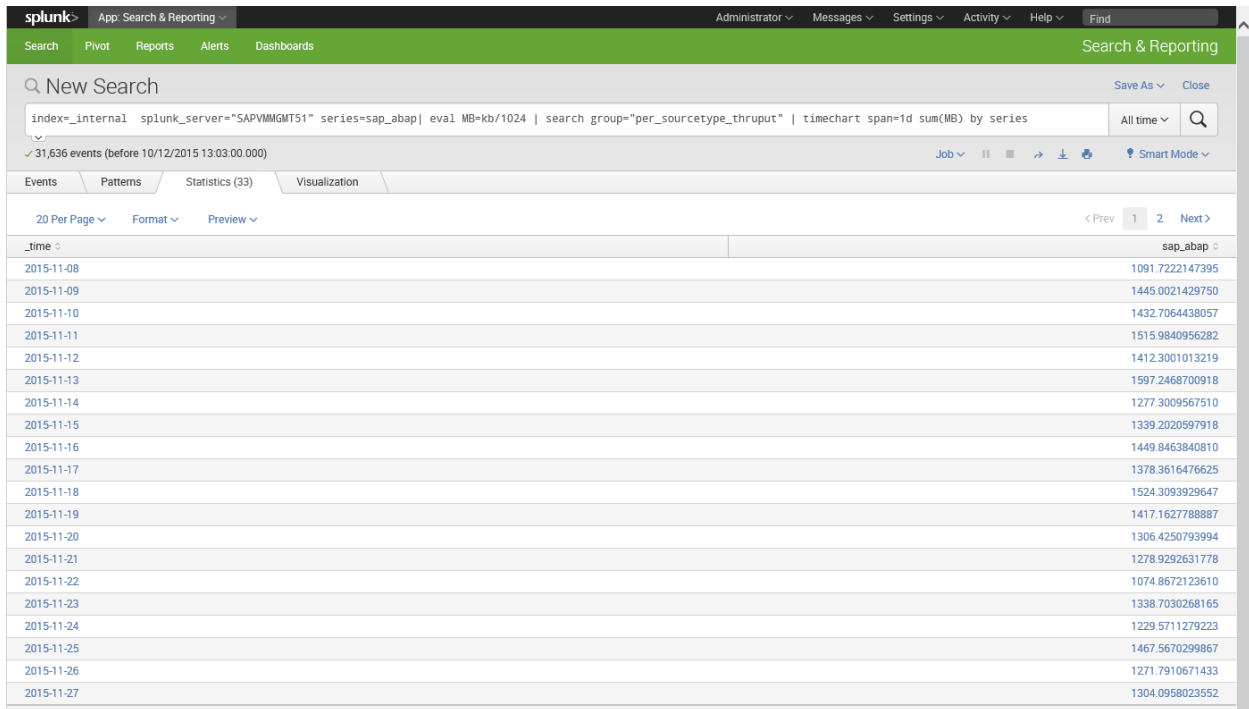
### SAP ECC 800 User:

1 x Large System (approx. 800 concurrent, 3500 named users in SAP, approx. 75K - 80K DIA steps / hour) approx. 1.5 - 2GB / day

_time	sap_abap
2016-02-29	177,279,688,861
2016-03-01	414,109,689,400
2016-03-02	1841,738,297,510
2016-03-03	2412,948,915,501
2016-03-04	1848,852,357,935
2016-03-05	1436,135,671,442
2016-03-06	1998,557,601,051
2016-03-07	1978,458,794,650
2016-03-08	1870,411,796,019
2016-03-09	2522,903,285,798
2016-03-10	2368,252,953,749

## SAP ECC, EWM & PI:

3 x medium sized system (approx. 200 concurrent users, 800 named users) – 1.5 GB / day (500MB / system)



The screenshot shows the Splunk Search & Reporting interface. The search bar contains the query: `index=_internal splunk_server="SAPVMMGMT51" series=sap_abap | eval MB=kb/1024 | search group="per_sourcetype_thruput" | timechart span=1d sum(MB) by series`. The search results show 31,636 events. The table below displays the data for the series 'sap\_abap' from 2015-11-08 to 2015-11-27.

_time	sap_abap
2015-11-08	1091.7222147395
2015-11-09	1445.0021429750
2015-11-10	1432.7064438057
2015-11-11	1515.9840956282
2015-11-12	1412.3001013219
2015-11-13	1597.2468700918
2015-11-14	1277.3009567510
2015-11-15	1339.2020597918
2015-11-16	1449.8463840810
2015-11-17	1378.3616476625
2015-11-18	1524.3093929647
2015-11-19	1417.1627788887
2015-11-20	1306.4250793994
2015-11-21	1278.9292631778
2015-11-22	1074.8672123610
2015-11-23	1338.7030268165
2015-11-24	1229.5711279223
2015-11-25	1467.5670299867
2015-11-26	1271.7910671433
2015-11-27	1304.0958023552

## SAP CRM:

1 x large system (approx. 1,500 concurrent users, 3,500 named users) – 6.0 GB / day

<b>2016-03-29T00:00:00.000-0400</b>	<b>5.814134</b>
<b>2016-03-30T00:00:00.000-0400</b>	<b>6.014777</b>