**Report**

# Server Performance

Reference No : R-SVR-5.1

Version No : 01

Week No : 25

**Prepared by:**

| Position / Title | Name | Signature | Date |
|---|---|---|---|
| IT Manager | Rynel Yanes | | 06-24-2019 |
| IT Staff | Devin Lin | | 06-24-2019 |

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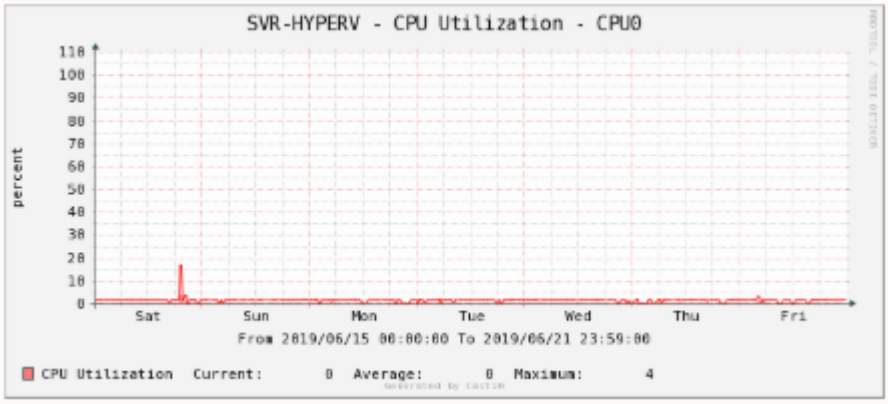
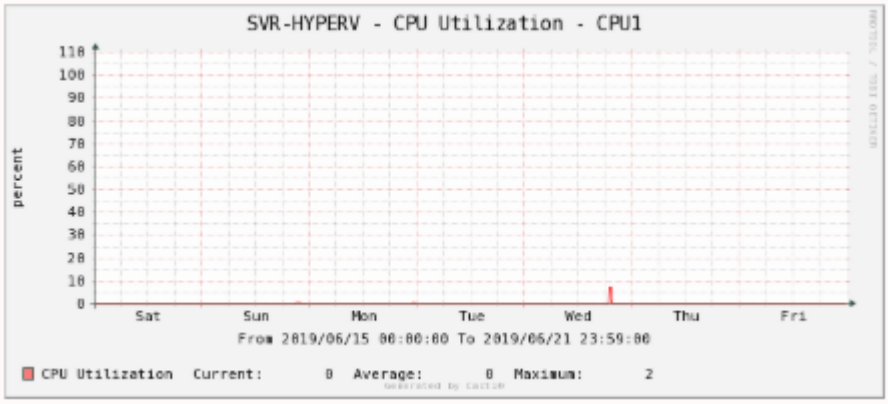
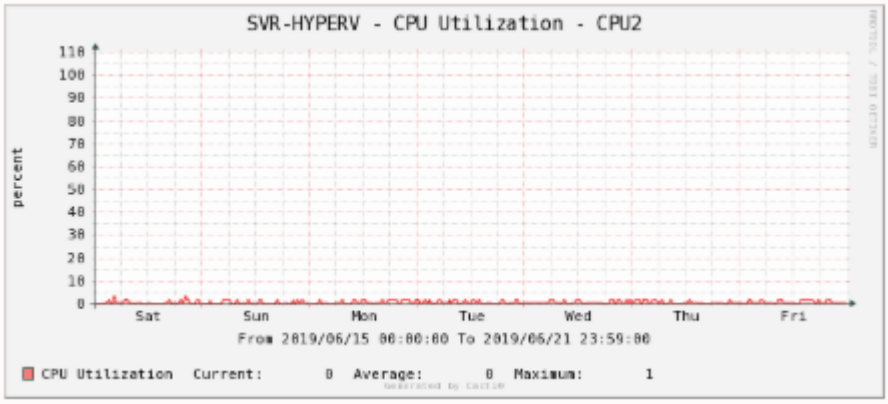
## 1.0 HARDWARE UTILIZATION

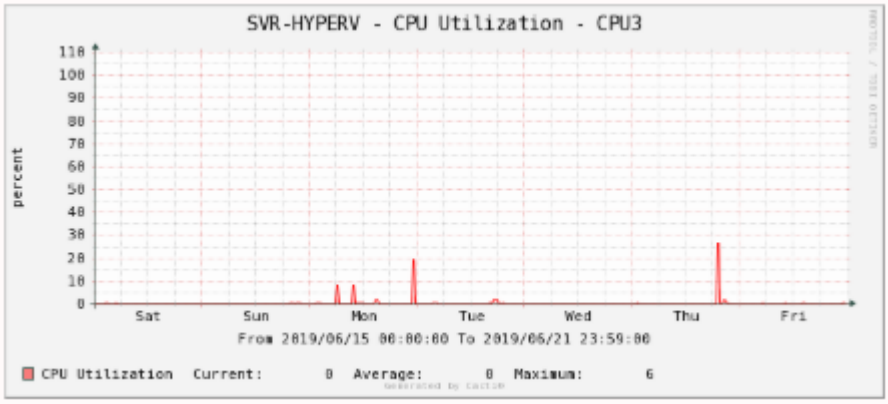
### 1.1 SVR-HYPERV

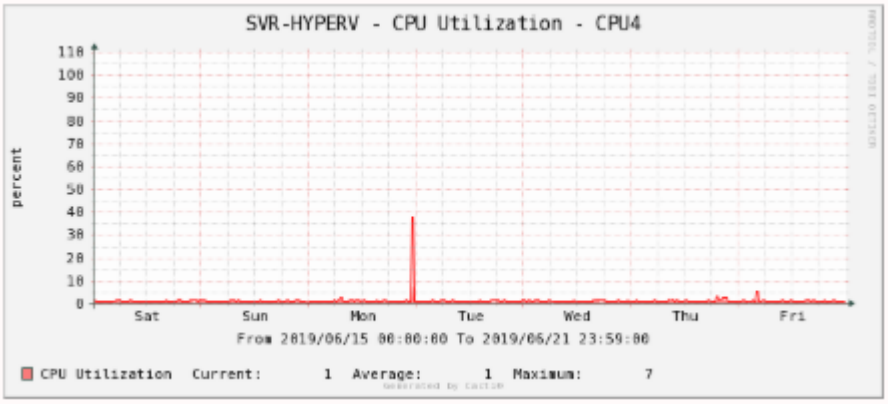
Source: Cacti, CPU

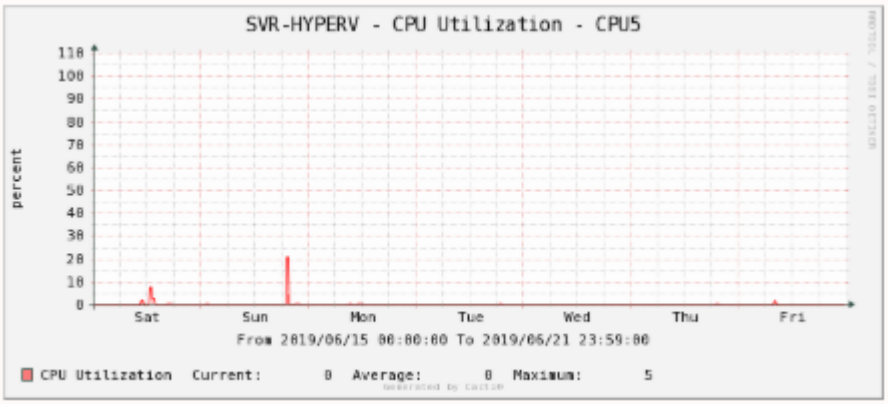


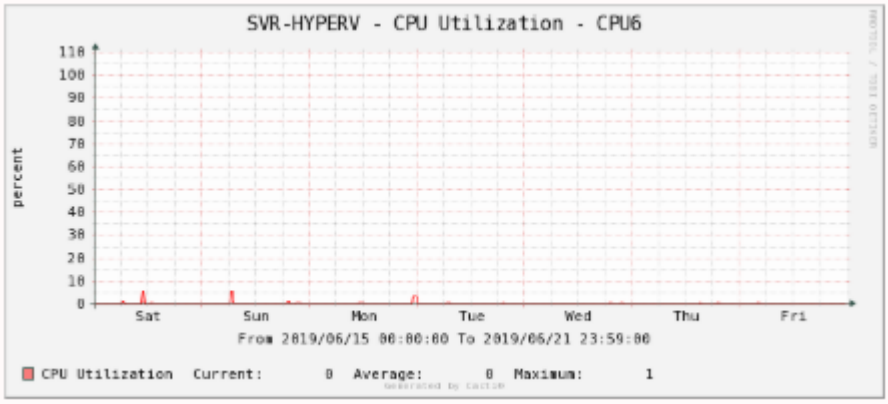



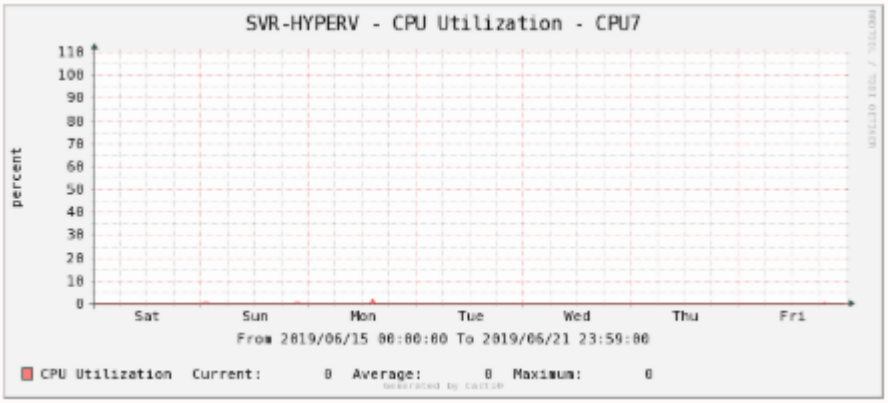



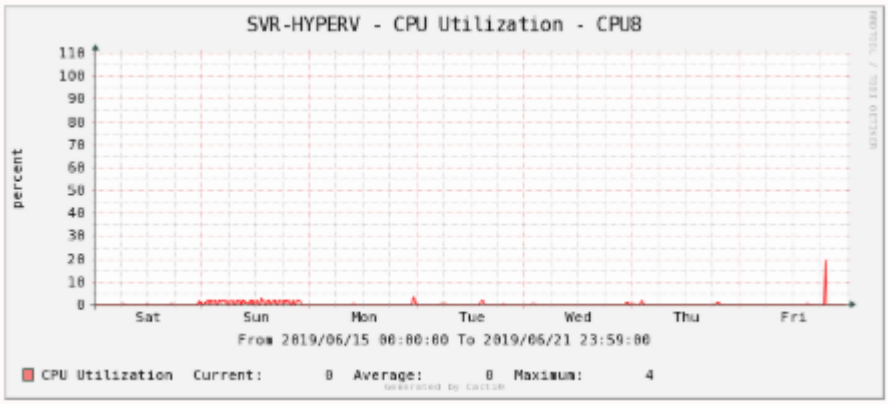

SVR-HYPERV - CPU Utilization - CPU3
percent
110
100
90
80
70
60
50
40
30
20
10
0
Sat
Sun
Mon
Tue
Wed
Thu
Fri
From 2019/06/15 00:00:00 To 2019/06/21 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 6

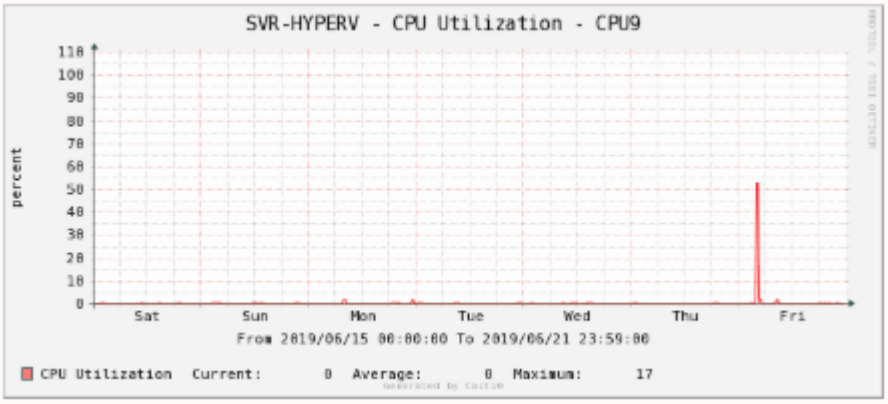

SVR-HYPERV - CPU Utilization - CPU4
percent
110
100
90
80
70
60
50
40
30
20
10
0
Sat
Sun
Mon
Tue
Wed
Thu
Fri
From 2019/06/15 00:00:00 To 2019/06/21 23:59:00
CPU Utilization Current: 1 Average: 1 Maximum: 7

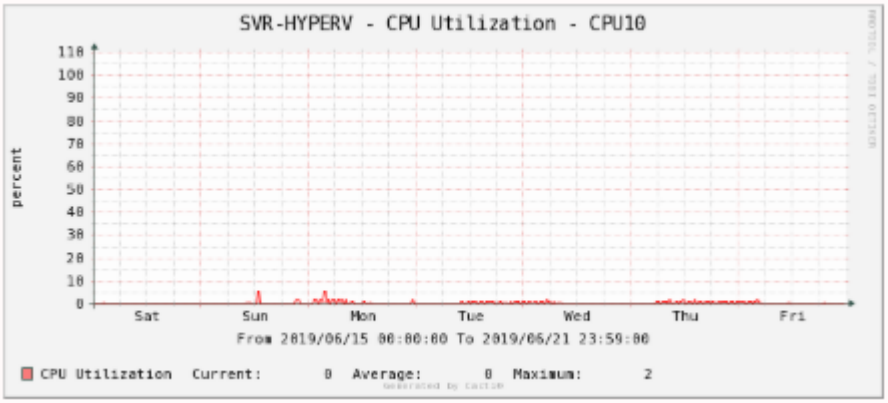

SVR-HYPERV - CPU Utilization - CPU5
percent
110
100
90
80
70
60
50
40
30
20
10
0
Sat
Sun
Mon
Tue
Wed
Thu
Fri
From 2019/06/15 00:00:00 To 2019/06/21 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 5

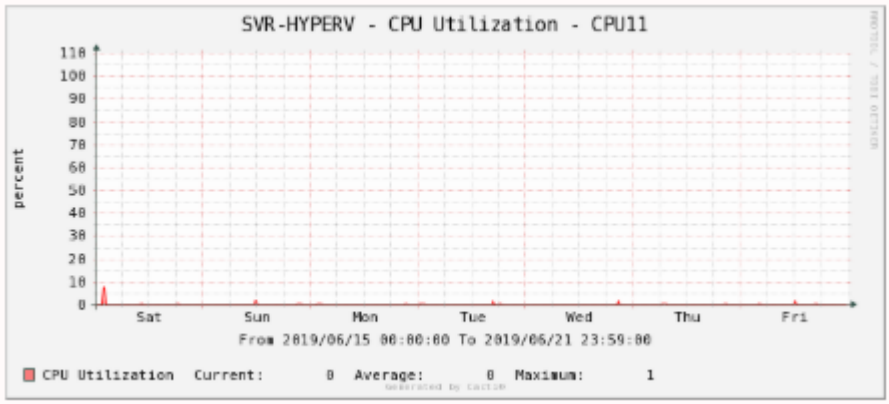

SVR-HYPERV - CPU Utilization - CPU6
percent
110
100
90
80
70
60
50
40
30
20
10
0
Sat
Sun
Mon
Tue
Wed
Thu
Fri
From 2019/06/15 00:00:00 To 2019/06/21 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 1

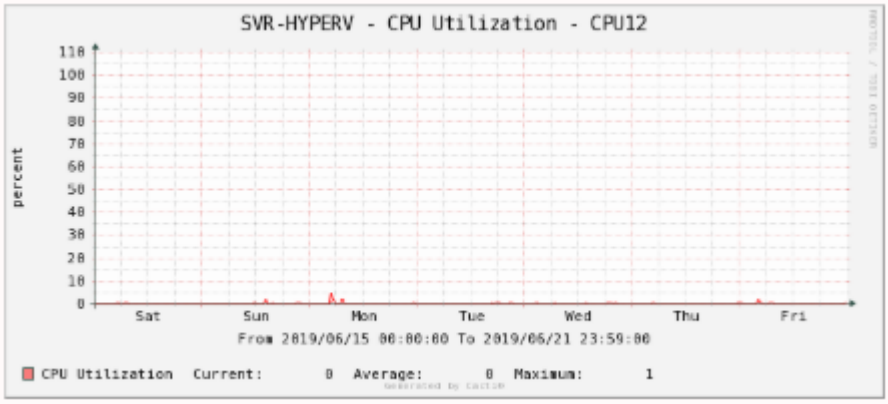

SVR-HYPERV - CPU Utilization - CPU7
percent
110
100
90
80
70
60
50
40
30
20
10
0
Sat
Sun
Mon
Tue
Wed
Thu
Fri
From 2019/06/15 00:00:00 To 2019/06/21 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 0

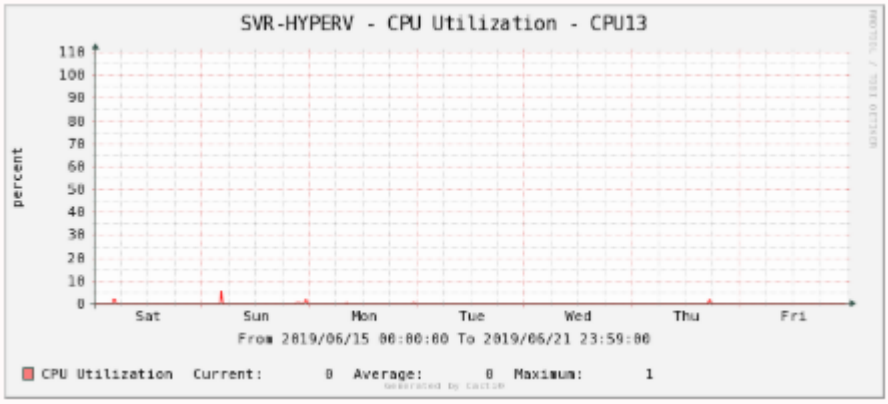

SVR-HYPERV - CPU Utilization - CPU8
percent
110
100
90
80
70
60
50
40
30
20
10
0
Sat
Sun
Mon
Tue
Wed
Thu
Fri
From 2019/06/15 00:00:00 To 2019/06/21 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 4

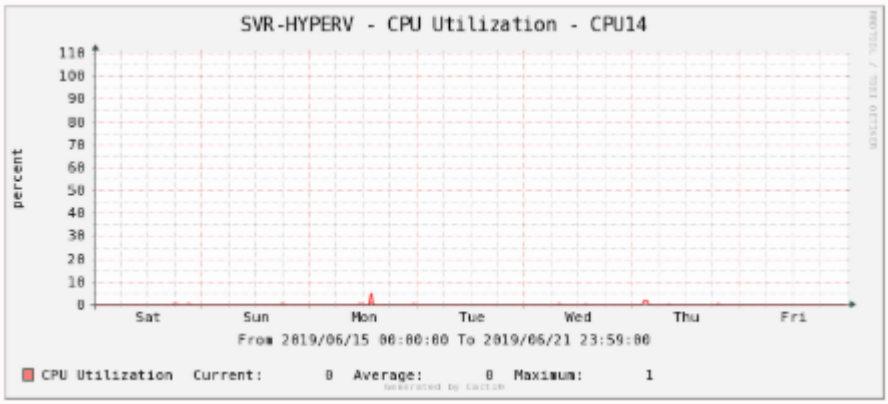

SVR-HYPERV - CPU Utilization - CPU9
percent
110
100
90
80
70
60
50
40
30
20
10
0
Sat
Sun
Mon
Tue
Wed
Thu
Fri
From 2019/06/15 00:00:00 To 2019/06/21 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 17

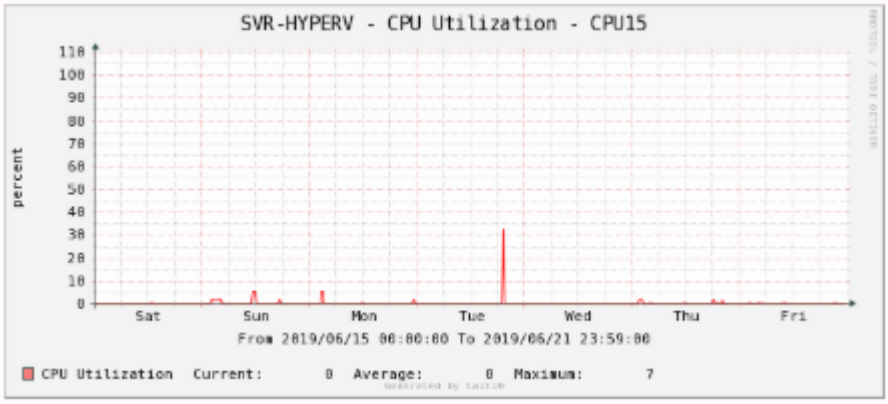

SVR-HYPERV - CPU Utilization - CPU10
percent
110
100
90
80
70
60
50
40
30
20
10
0
Sat
Sun
Mon
Tue
Wed
Thu
Fri
From 2019/06/15 00:00:00 To 2019/06/21 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 2


SVR-HYPERV - CPU Utilization - CPU11
percent
110
100
90
80
70
60
50
40
30
20
10
0
Sat
Sun
Mon
Tue
Wed
Thu
Fri
From 2019/06/15 00:00:00 To 2019/06/21 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 1

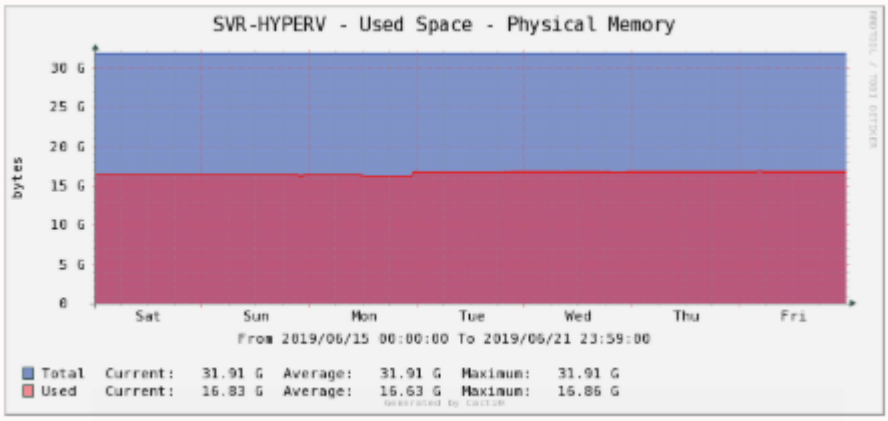

SVR-HYPERV - CPU Utilization - CPU12
percent
110
100
90
80
70
60
50
40
30
20
10
0
Sat
Sun
Mon
Tue
Wed
Thu
Fri
From 2019/06/15 00:00:00 To 2019/06/21 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 1


SVR-HYPERV - CPU Utilization - CPU13
percent
110
100
90
80
70
60
50
40
30
20
10
0
Sat
Sun
Mon
Tue
Wed
Thu
Fri
From 2019/06/15 00:00:00 To 2019/06/21 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 1

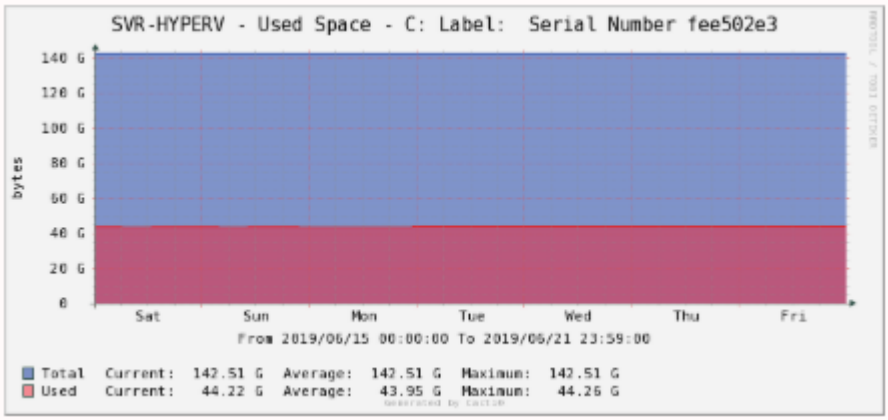

SVR-HYPERV - CPU Utilization - CPU14
percent
110
100
90
80
70
60
50
40
30
20
10
0
Sat
Sun
Mon
Tue
Wed
Thu
Fri
From 2019/06/15 00:00:00 To 2019/06/21 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 1




Source: Cacti, RAM

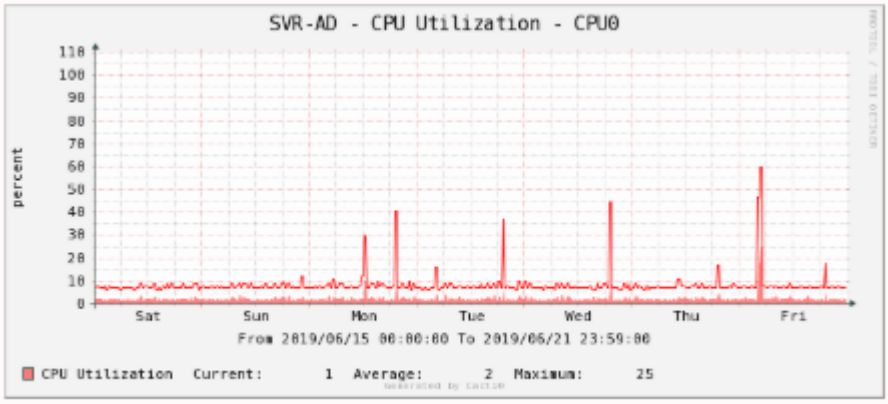



Source: Cacti, Disk

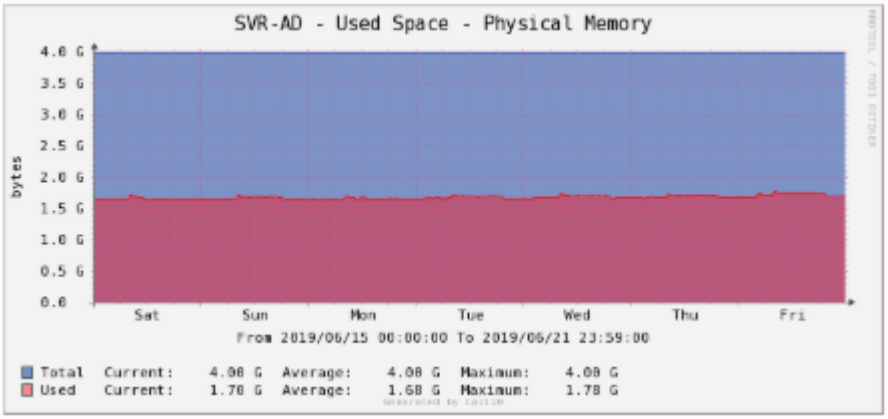


1.2 SVR-AD

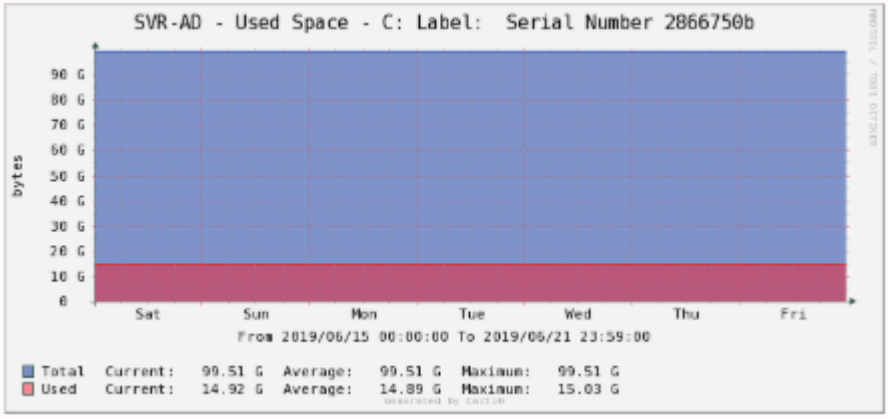
Source: Cacti, CPU




Source: Cacti, RAM

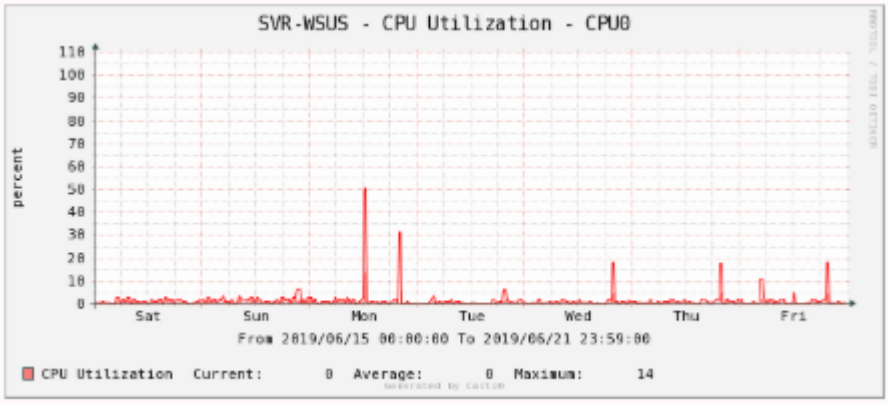



Source: Cacti, Disk

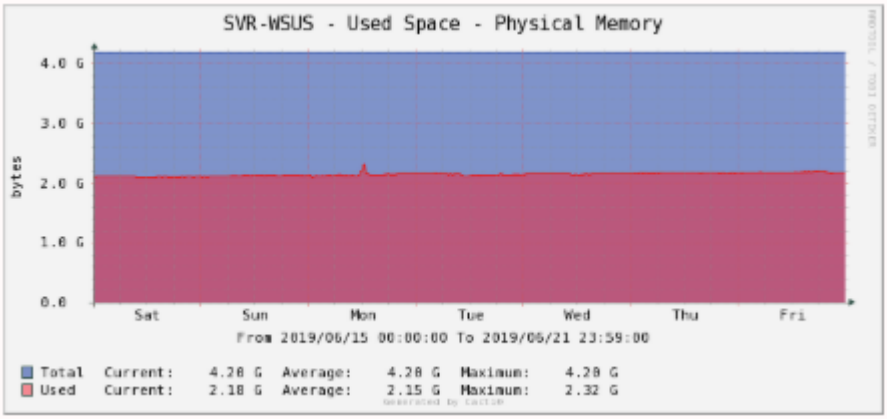


1.3 SVR-WSUS

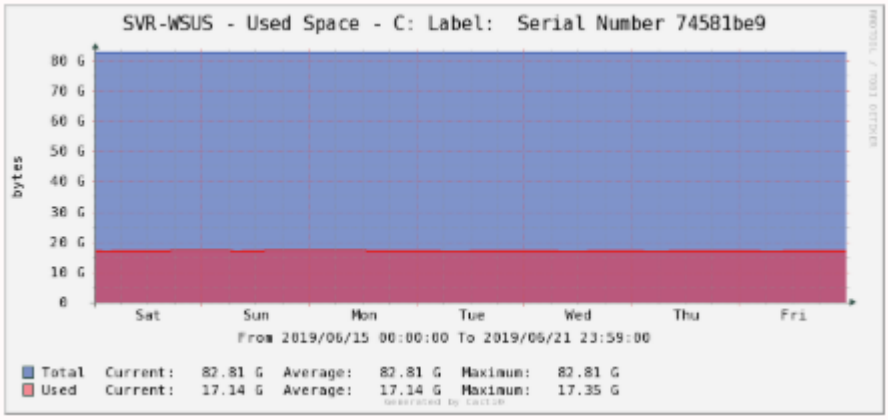
Source: Cacti, CPU




Source: Cacti, RAM

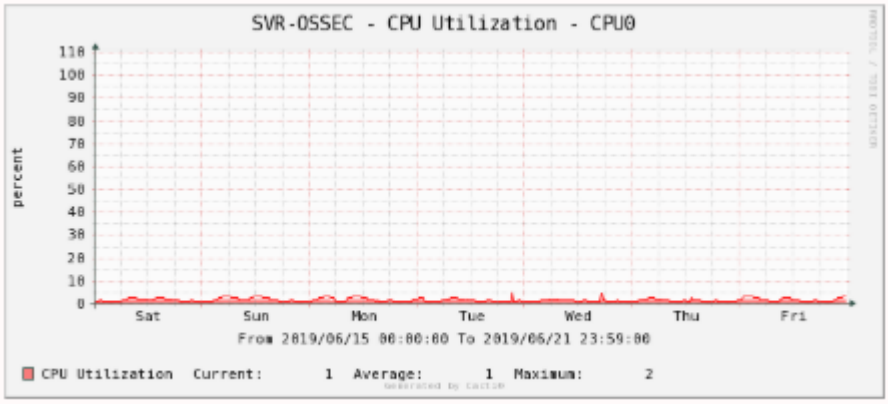



Source: Cacti, Disk

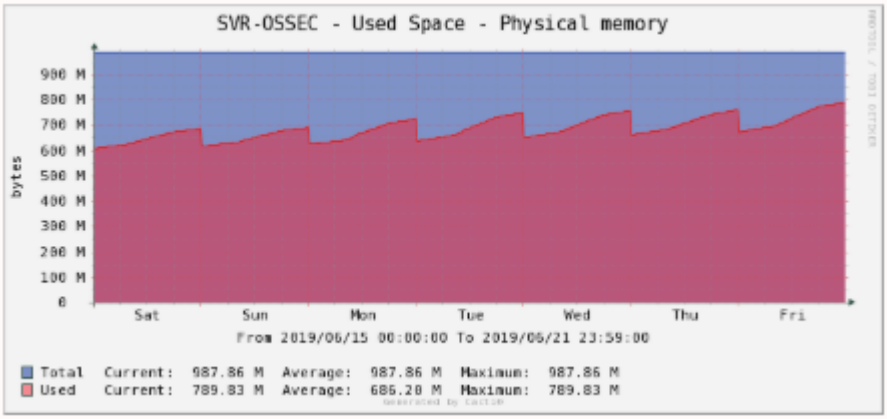


1.4 SVR-OSSEC

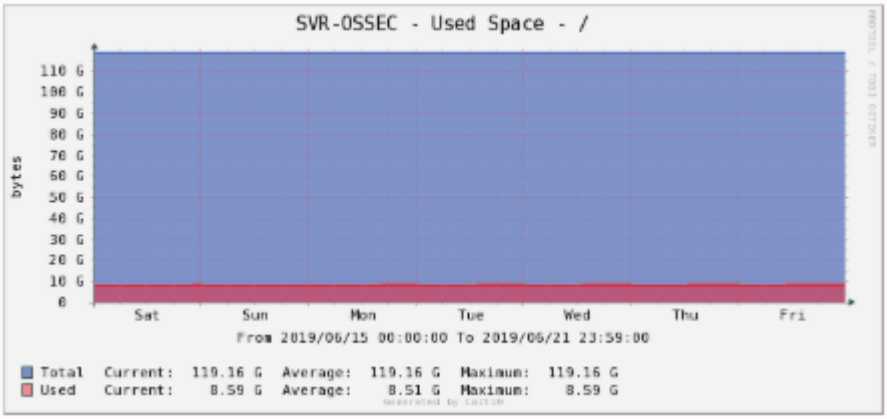
Source: Cacti, CPU




Source: Cacti, RAM

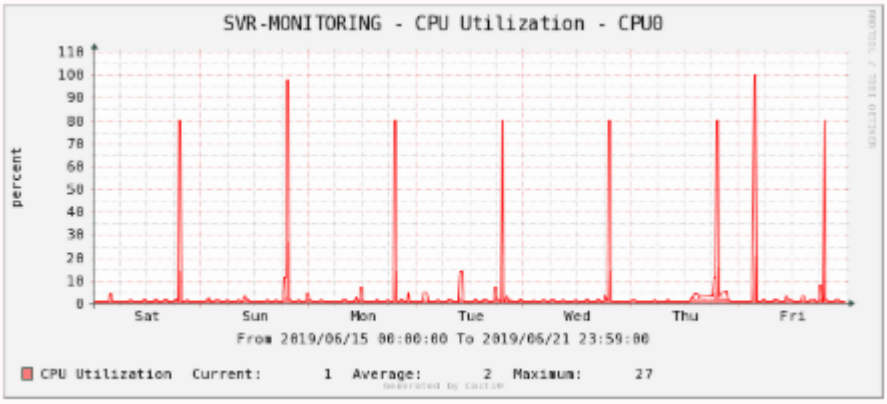



Source: Cacti, Disk

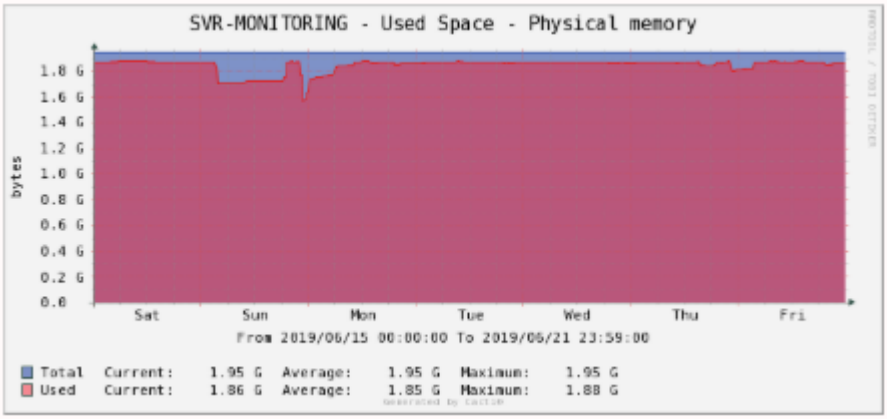


1.5 SVR-MONITORING

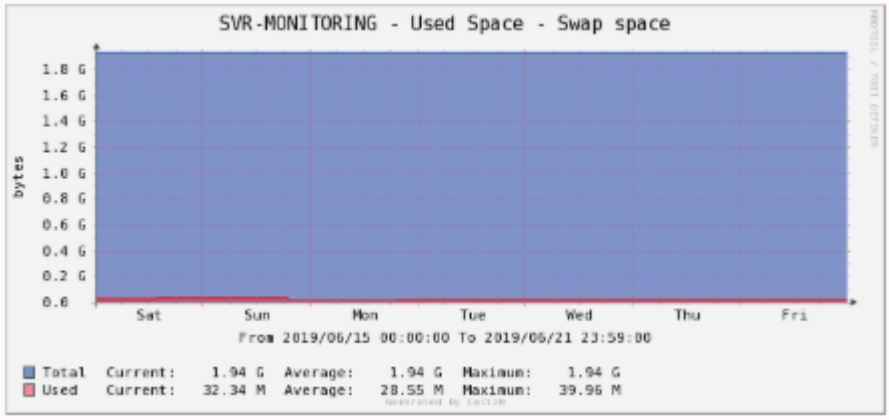
Source: Cacti, CPU




Source: Cacti, RAM

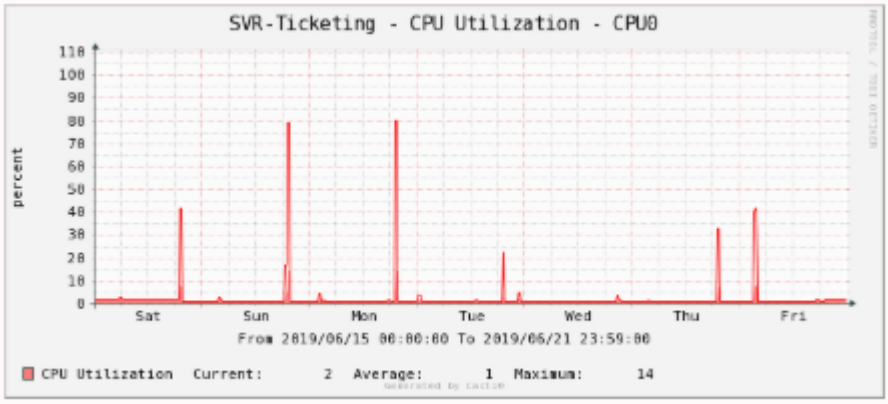



Source: Cacti, Disk

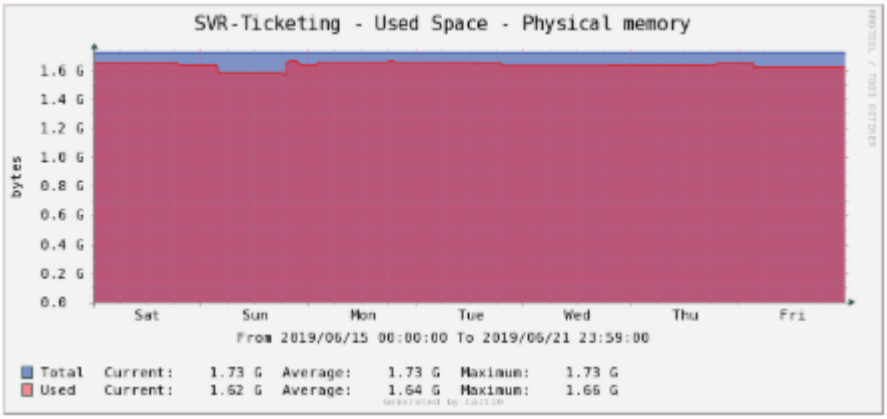


1.6 SVR-TICKETING

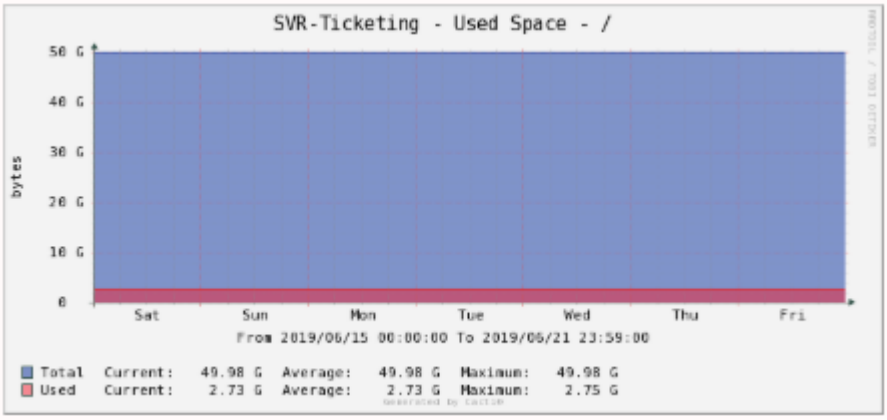
Source: Cacti, CPU




Source: Cacti, RAM




Source: Cacti, Disk



**2.0 RESPONSE MONITORING REPORT**

Source: Nagios

| Server / Protocol | Minimum | Maximum | Average |
|---|---|---|---|
| SVR-HYPERV / Ping | 0.24ms | 0.28ms | 0.27ms |
| SVR-AD / Ping | 0.30ms | 0.75ms | 0.41ms |

**3.0 ANALYSIS AND RECOMMENDATIONS**

3.1 SVR-HYPERV

- No issues reported on the server.
- Regular spikes at 07:00 PM daily were due to scheduled Active Scan task of SEP.
- A sudden increase of CPU consumption at 04:00 AM on June 21th was due to scheduled Full Scan of SEP.

3.2 SVR-AD

- No issues reported on the server.
- Regular spikes at 07:00 PM daily were due to scheduled Active Scan task of SEP.
- A sudden increase of CPU consumption at 04:30 AM on June 21th was due to scheduled Full Scan of SEP.

3.3 SVR-WSUS

- No issues reported on the server.
- Regular spikes at 07:00 PM daily were due to scheduled Active Scan task of SEP.
- A sudden increase of CPU consumption at 12:00 PM on June 17th was due to Maunal Scan of SEP.

3.4 SVR-OSSEC

- No issues reported on the server.

3.5 SVR-MONITORING

- No issues reported on the server.
- Regular spikes at 07:00 PM daily were due to scheduled Active Scan task of SEP.
- A sudden increase of CPU consumption at 03:30 AM on June 21th was due to scheduled Full Scan of SEP.

3.6 SVR-TICKETING

- No issues reported on the server.
- A sudden increase of CPU consumption at 03:30 AM on June 21th was due to scheduled Full Scan of SEP.