**Report**

# Server Performance

Reference No : R-SVR-5.1

Version No : 01

Week No : 28

**Prepared by:**

| Position / Title | Name | Signature | Date |
|---|---|---|---|
| IT Manager | Rynel Yanes | | 07-15-2019 |
| IT Staff | Jeff Wang | | 07-15-2019 |

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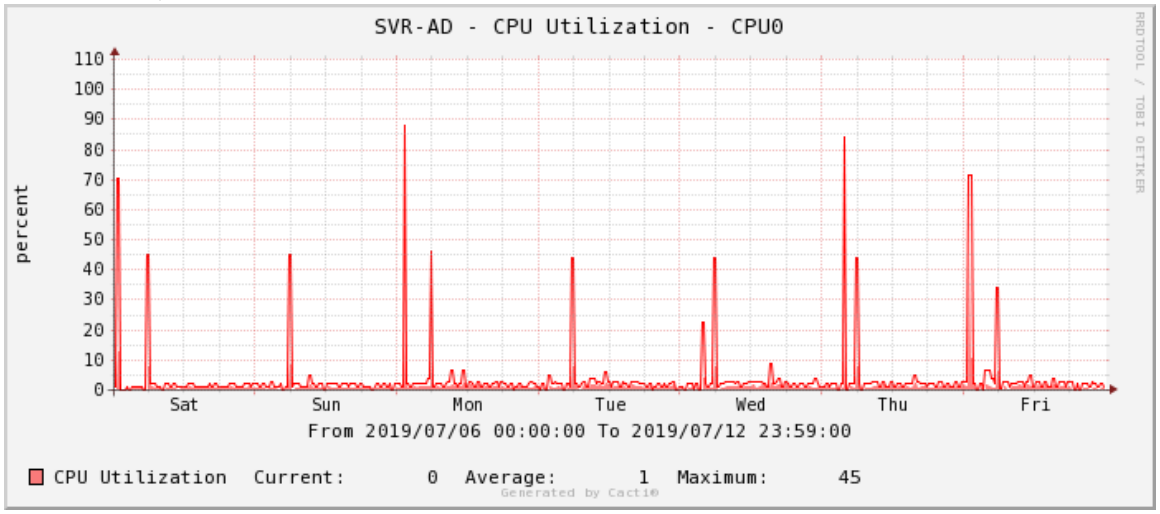
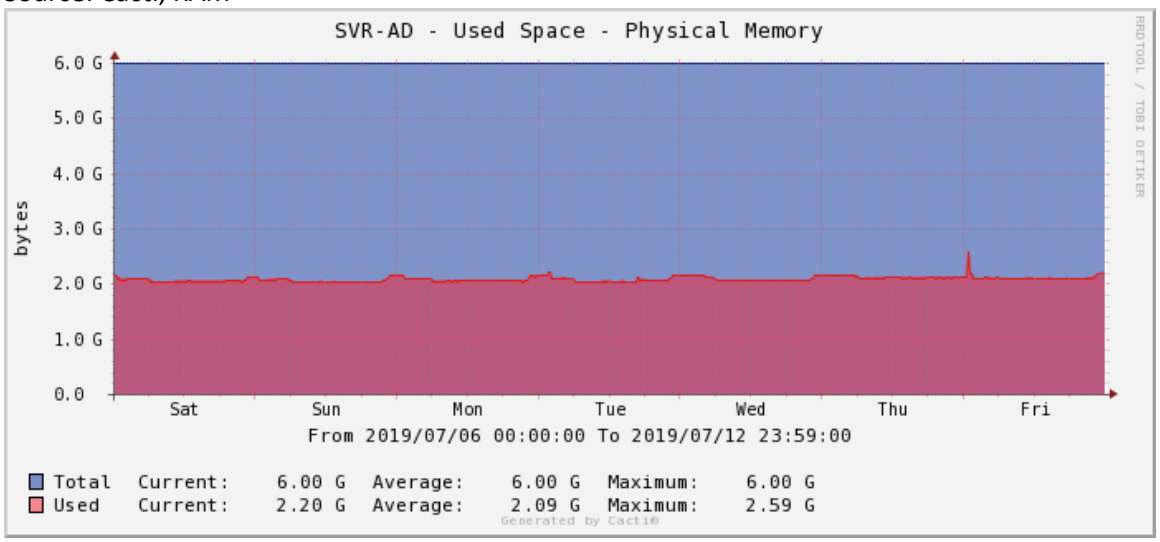
## 1.0 HARDWARE UTILIZATION9

### 1.1 SVR-AD

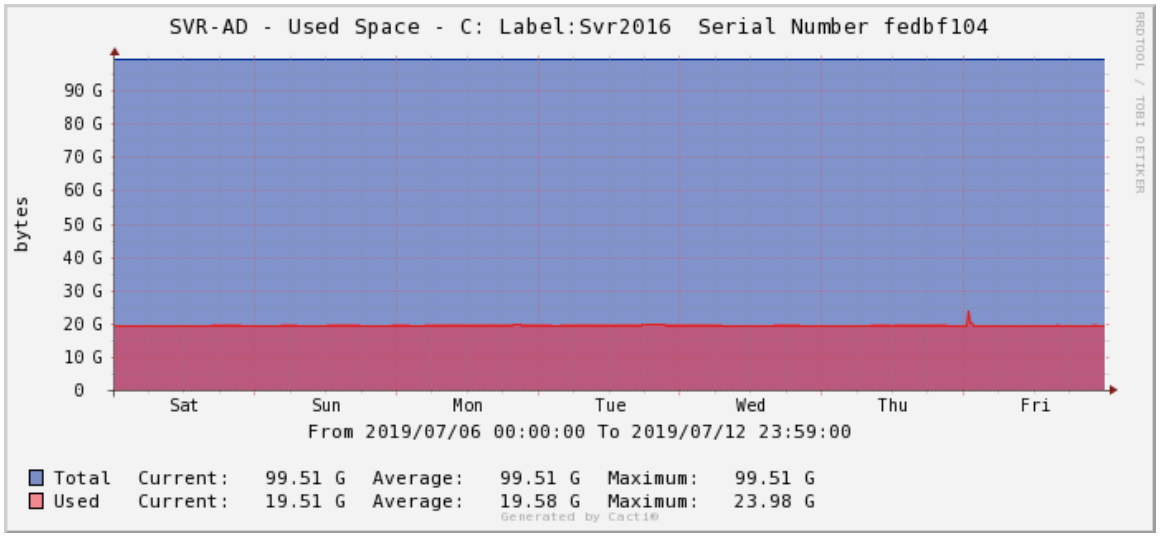
Source: Cacti, CPU




Source: Cacti, RAM

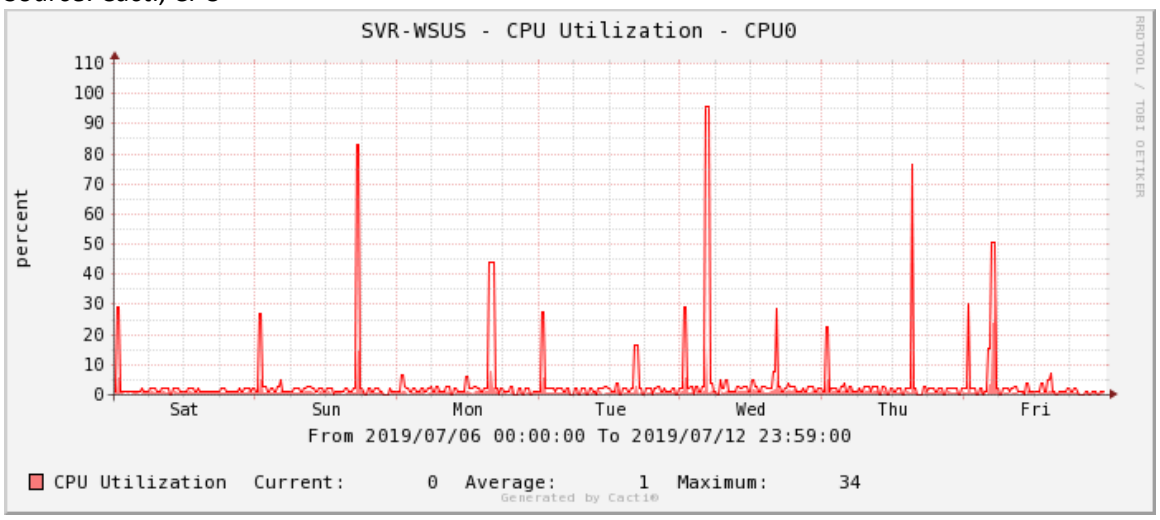



Source: Cacti, Disk

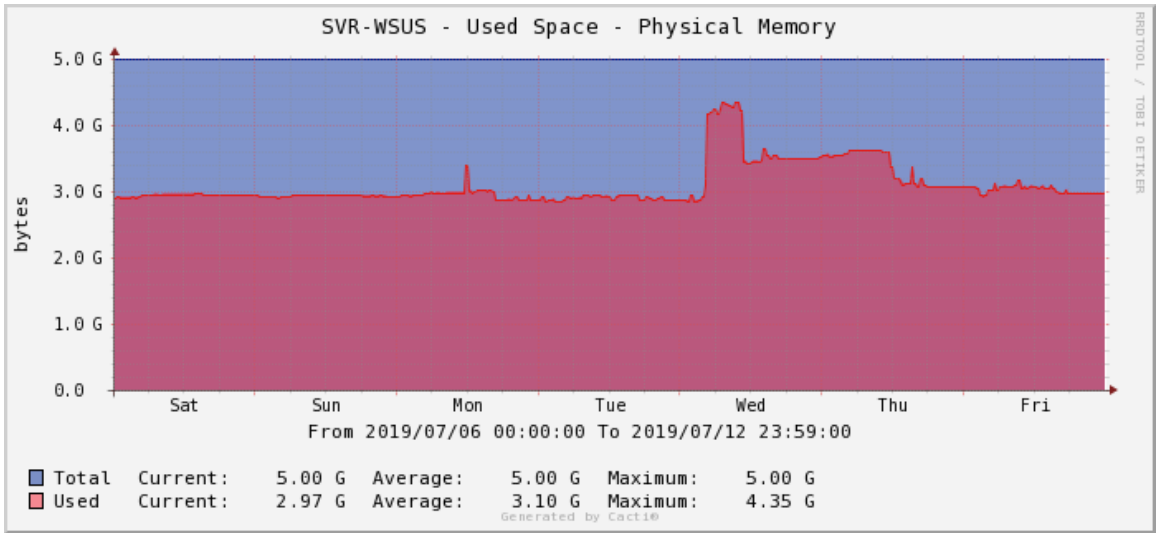



1.2 SVR-WSUS

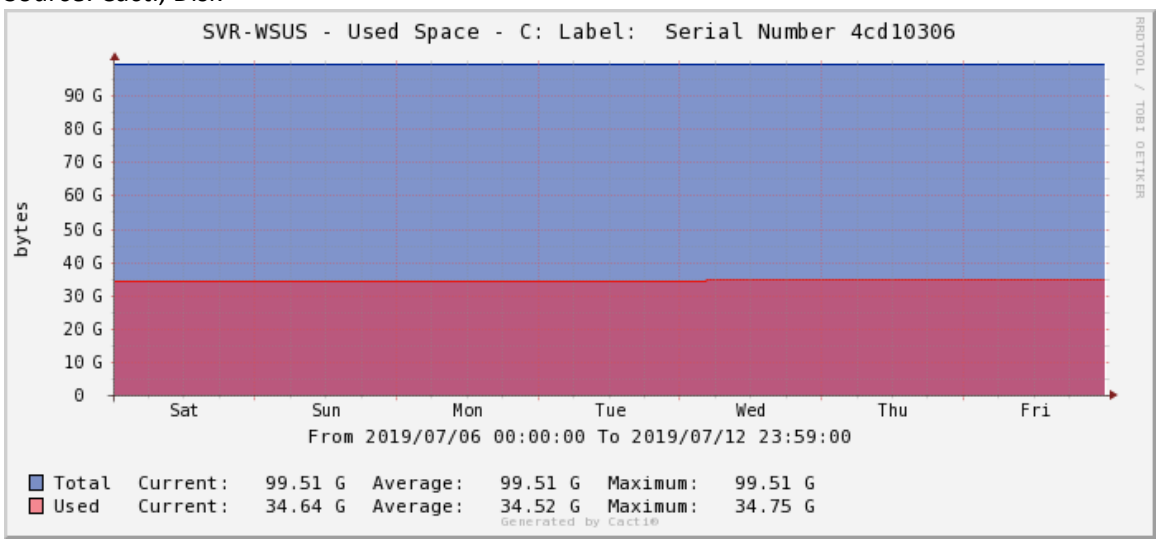
Source: Cacti, CPU




Source: Cacti, RAM

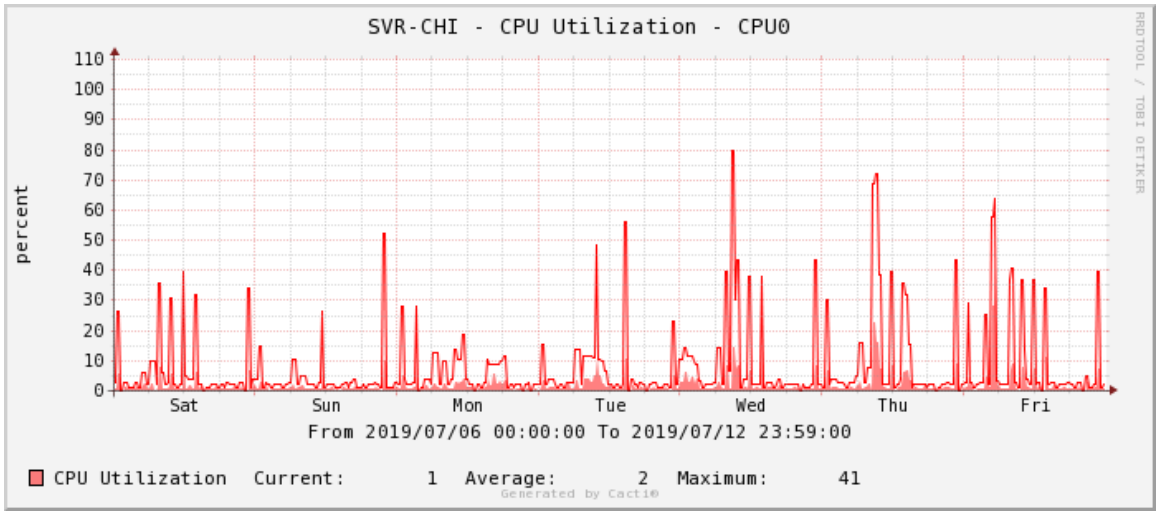



Source: Cacti, Disk

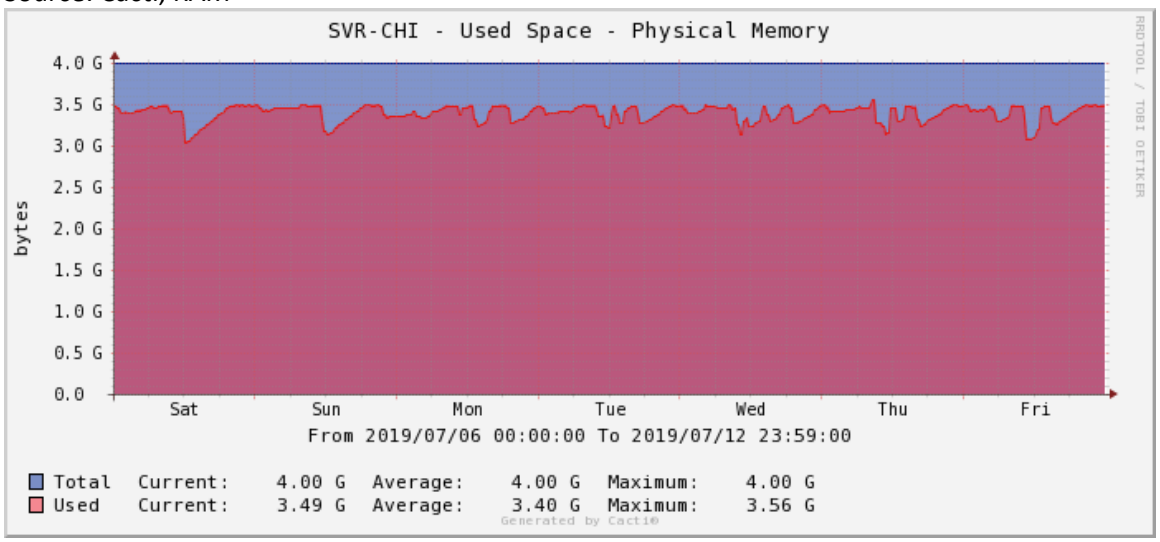



1.3 SVR-CHI

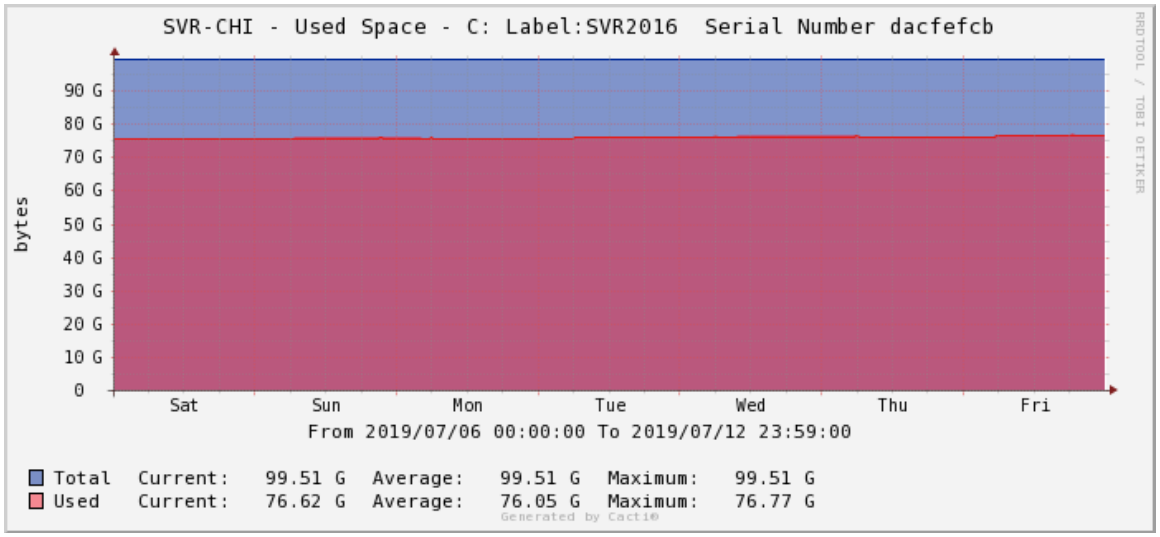
Source: Cacti, CPU



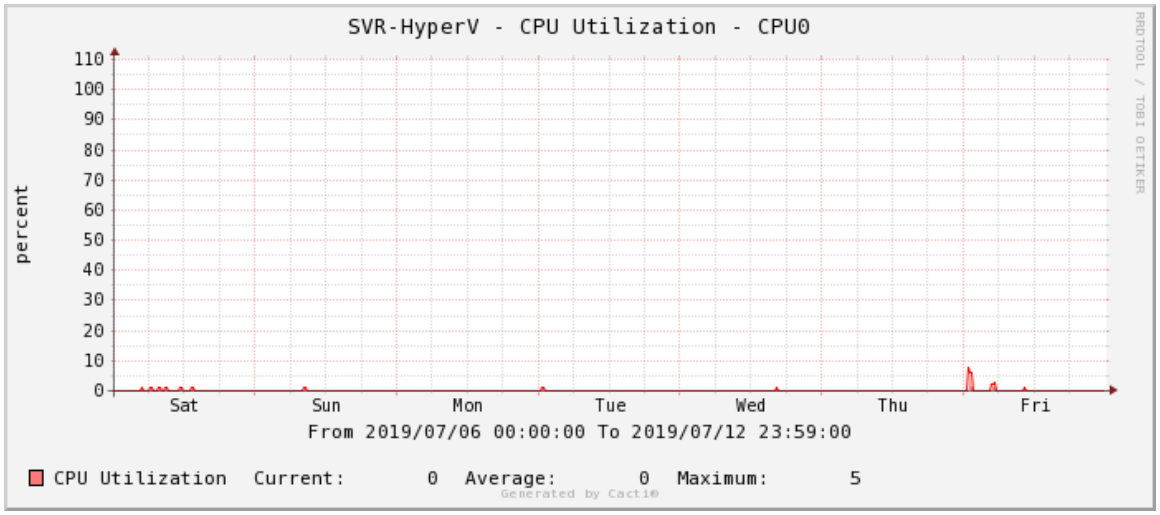

Source: Cacti, RAM

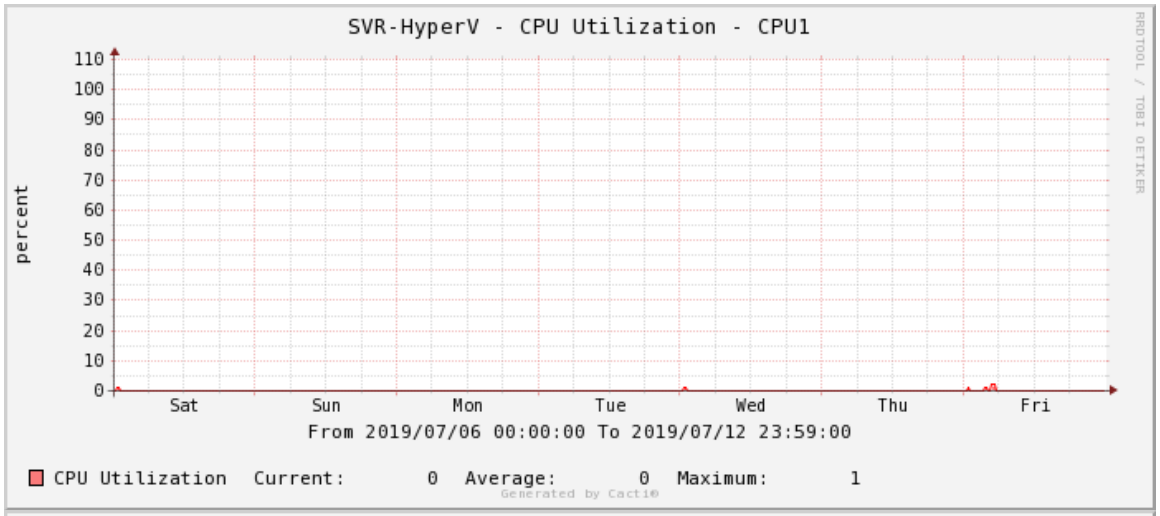



Source: Cacti, Disk




1.4 SVR-HyperV
Source: Cacti, CPU




SVR-HyperV - CPU Utilization - CPU1
percent
110
100
90
80
70
60
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40
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20
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0
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Sun
Mon
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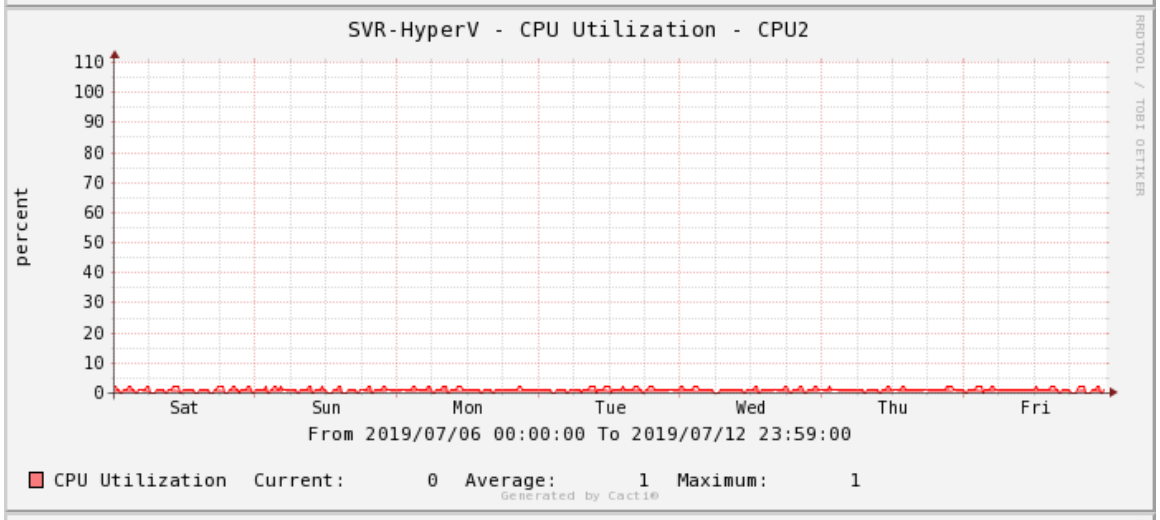
Thu
Fri
From 2019/07/06 00:00:00 To 2019/07/12 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 1
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU2
percent
110
100
90
80
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Sun
Mon
Tue
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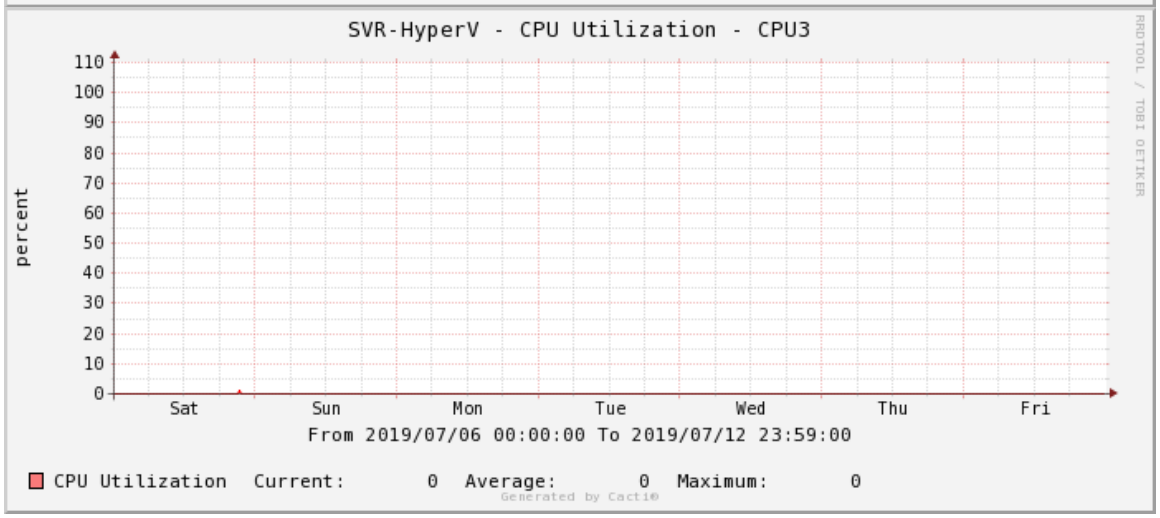
Thu
Fri
From 2019/07/06 00:00:00 To 2019/07/12 23:59:00
CPU Utilization Current: 0 Average: 1 Maximum: 1
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU3
percent
110
100
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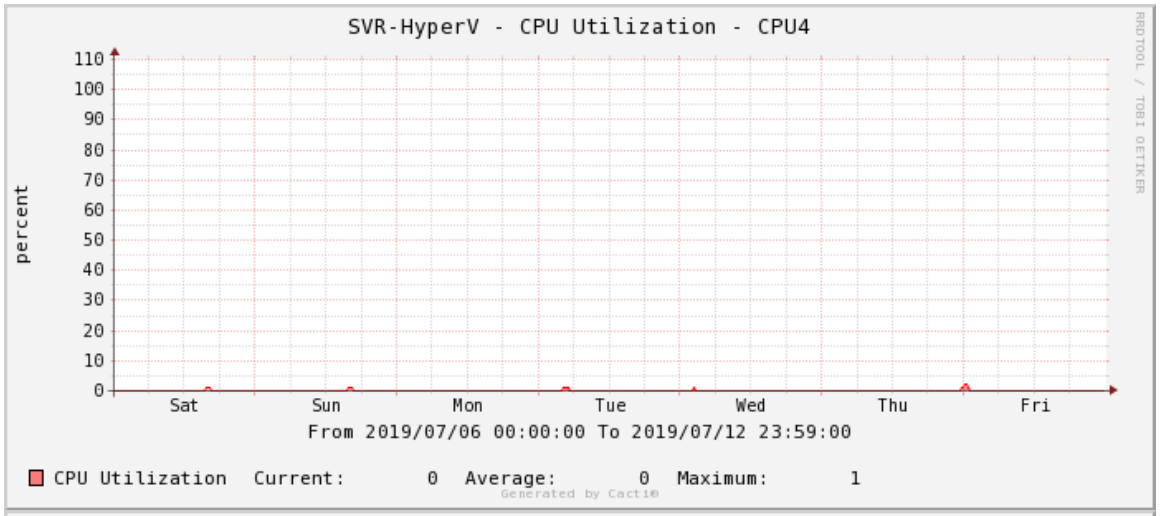
Thu
Fri
From 2019/07/06 00:00:00 To 2019/07/12 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 0
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU4
percent
110
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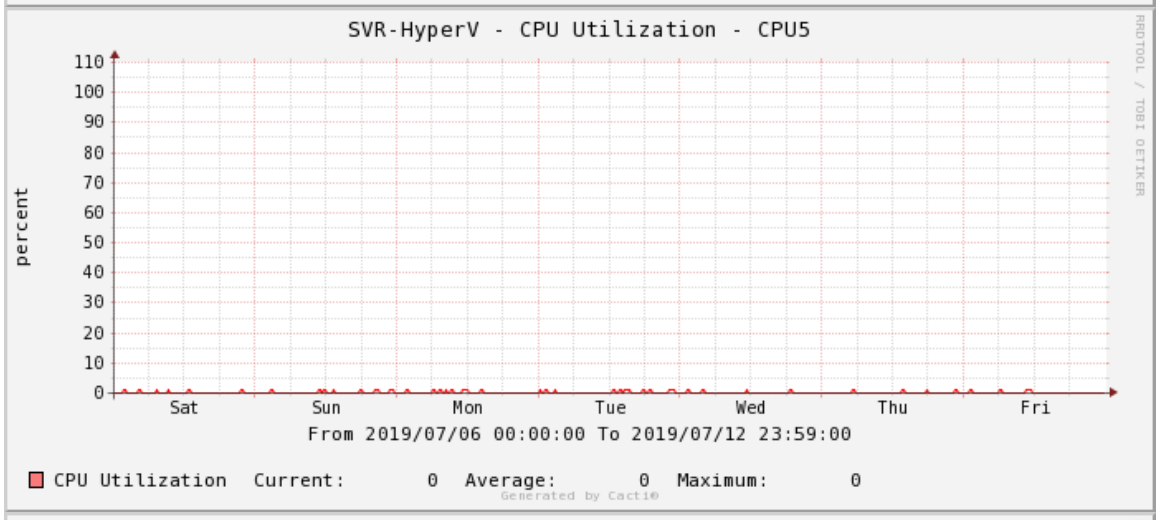
Thu
Fri
From 2019/07/06 00:00:00 To 2019/07/12 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 1
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU5
percent
110
100
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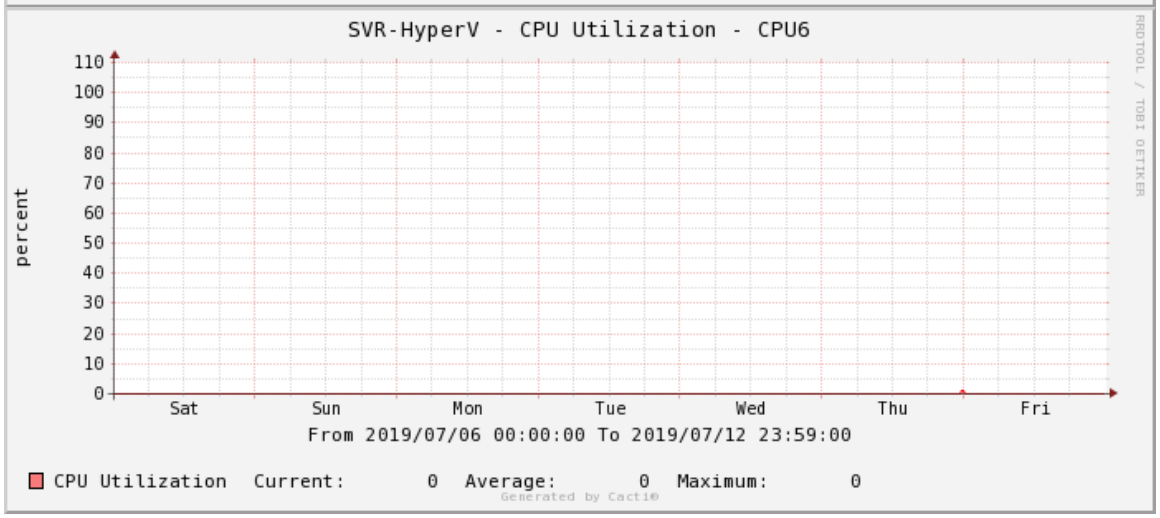
Thu
Fri
From 2019/07/06 00:00:00 To 2019/07/12 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 0
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU6
percent
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100
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Thu
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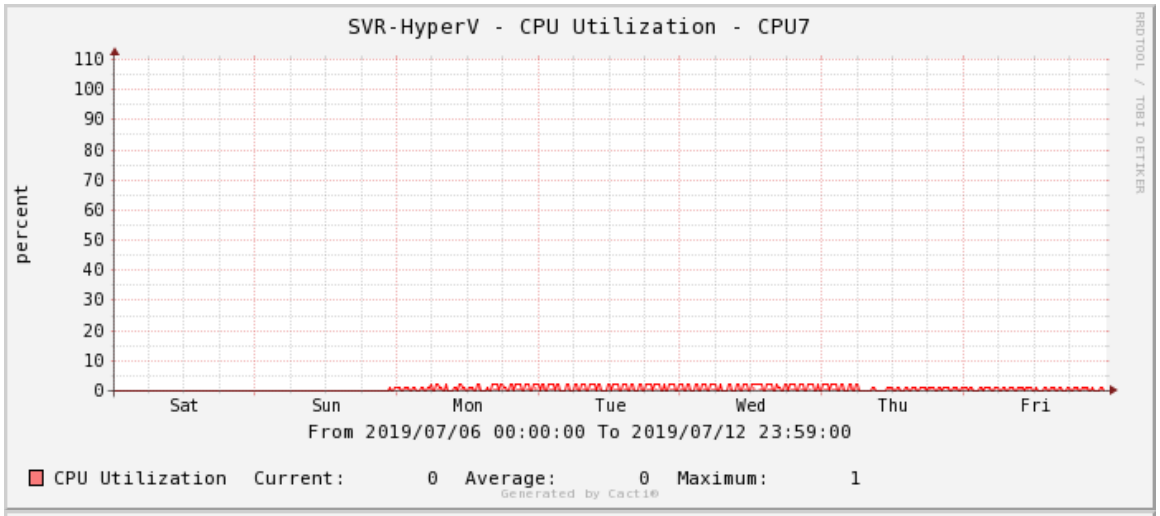
From 2019/07/06 00:00:00 To 2019/07/12 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 0
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU7
percent
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100
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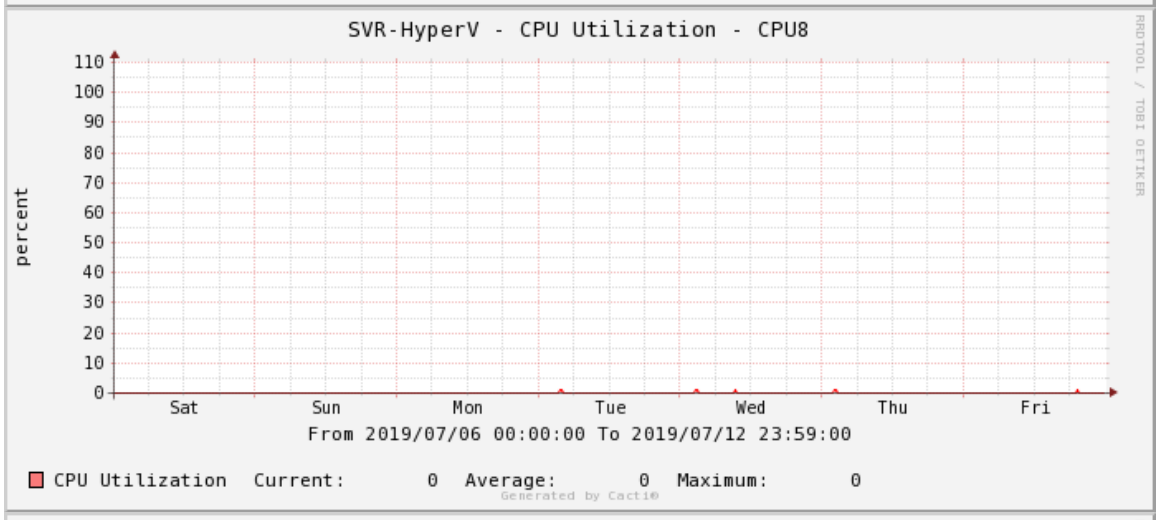
Wed
Thu
Fri
From 2019/07/06 00:00:00 To 2019/07/12 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 1
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU8
percent
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100
90
80
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Sat
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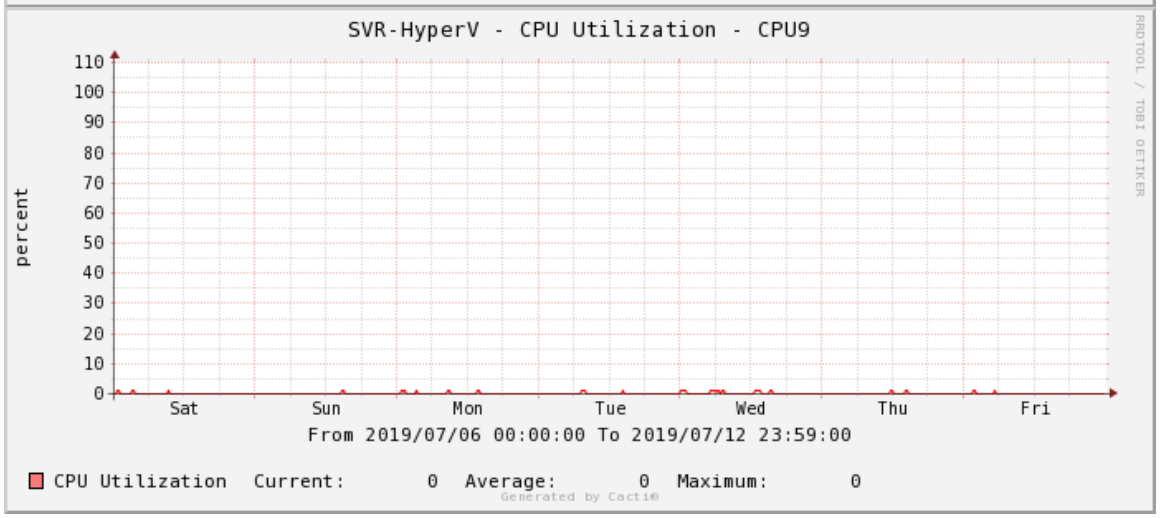
Thu
Fri
From 2019/07/06 00:00:00 To 2019/07/12 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 0
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU9
percent
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100
90
80
70
60
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Sat
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Mon
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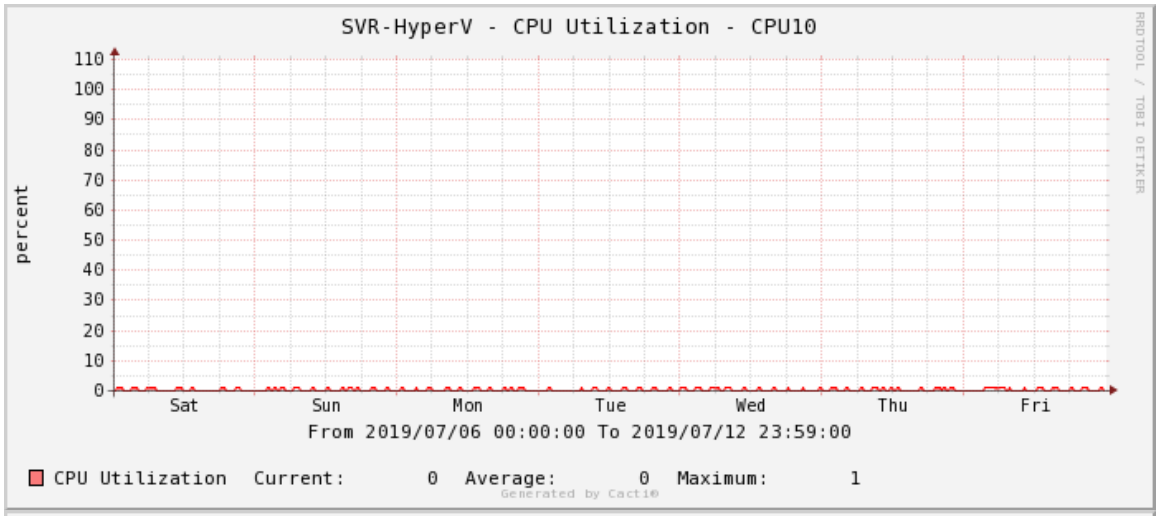
Thu
Fri
From 2019/07/06 00:00:00 To 2019/07/12 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 0
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU10
percent
110
100
90
80
70
60
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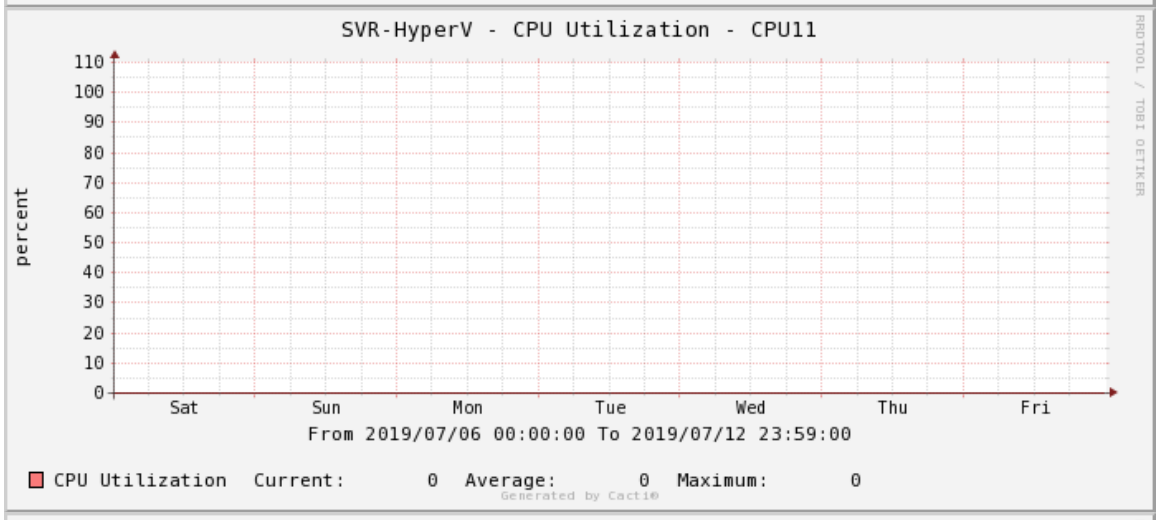
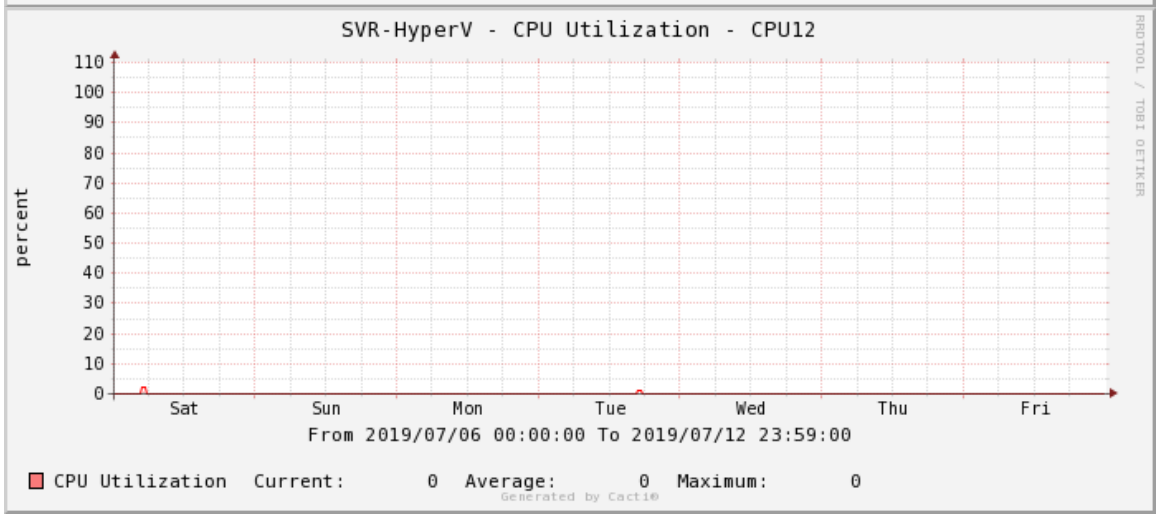
Sat
Sun
Mon
Tue
Wed
Thu
Fri
From 2019/07/06 00:00:00 To 2019/07/12 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 1
RRDTOOL / TOBI OETIKER


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 2019/07/06 00:00:00 To 2019/07/12 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 0
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU12
percent
110
100
90
80
70
60
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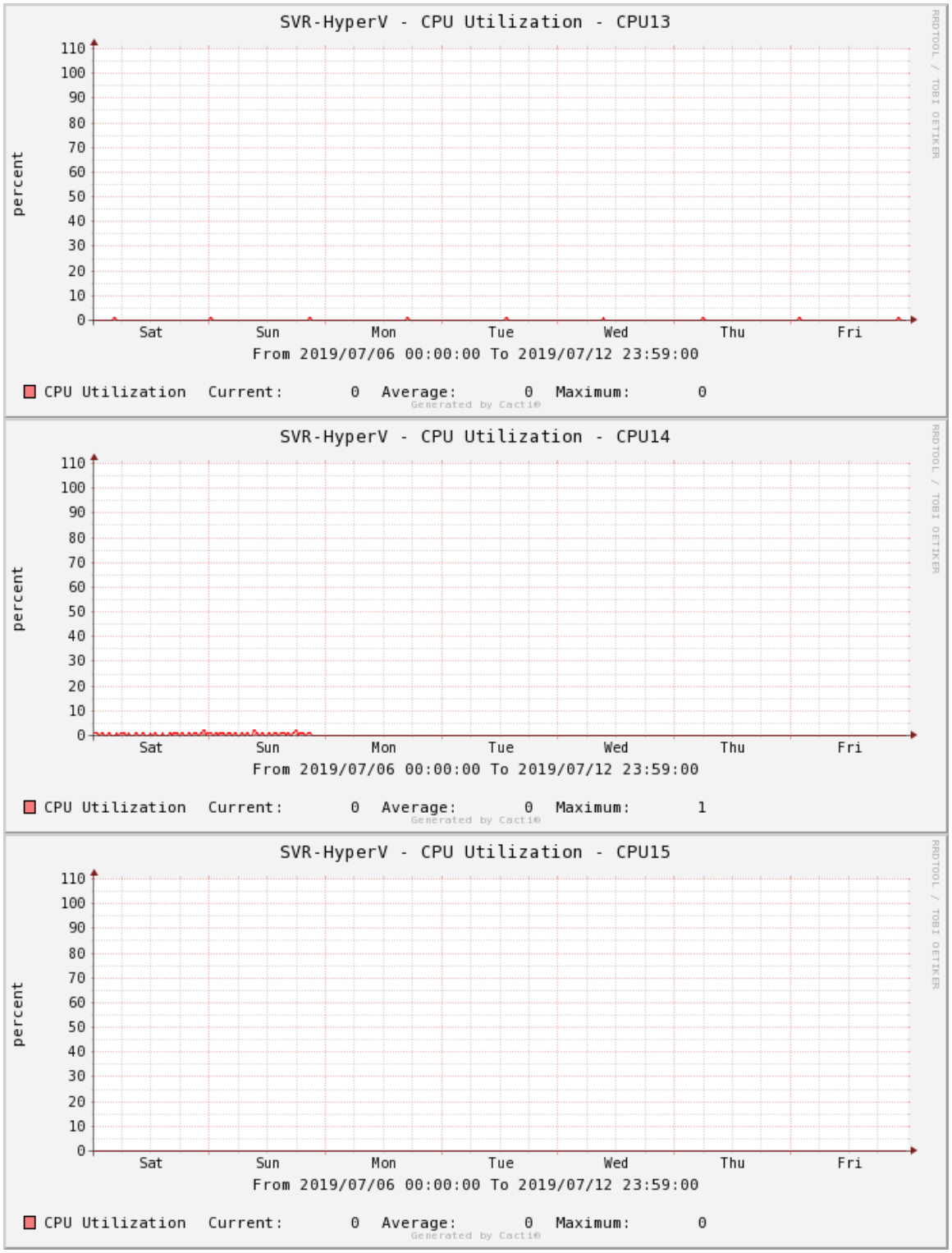
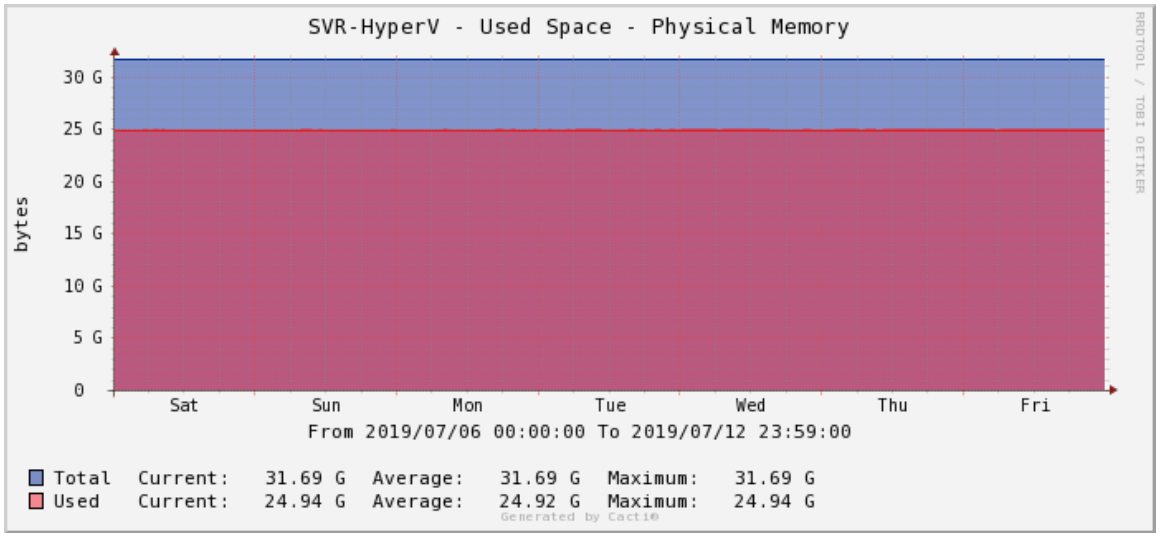
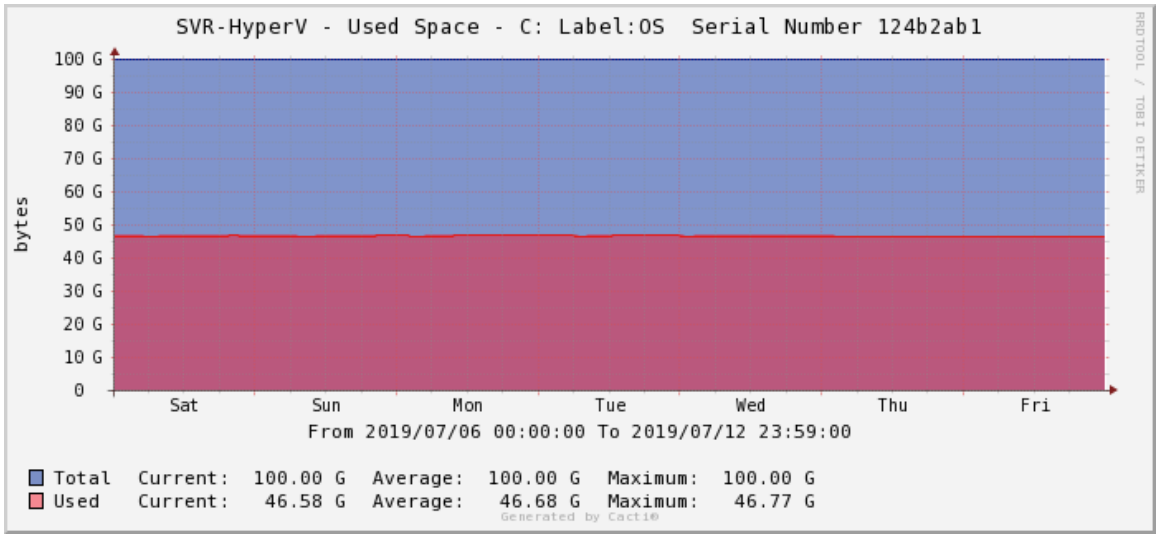
Sat
Sun
Mon
Tue
Wed
Thu
Fri
From 2019/07/06 00:00:00 To 2019/07/12 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 0
RRDTOOL / TOBI OETIKER

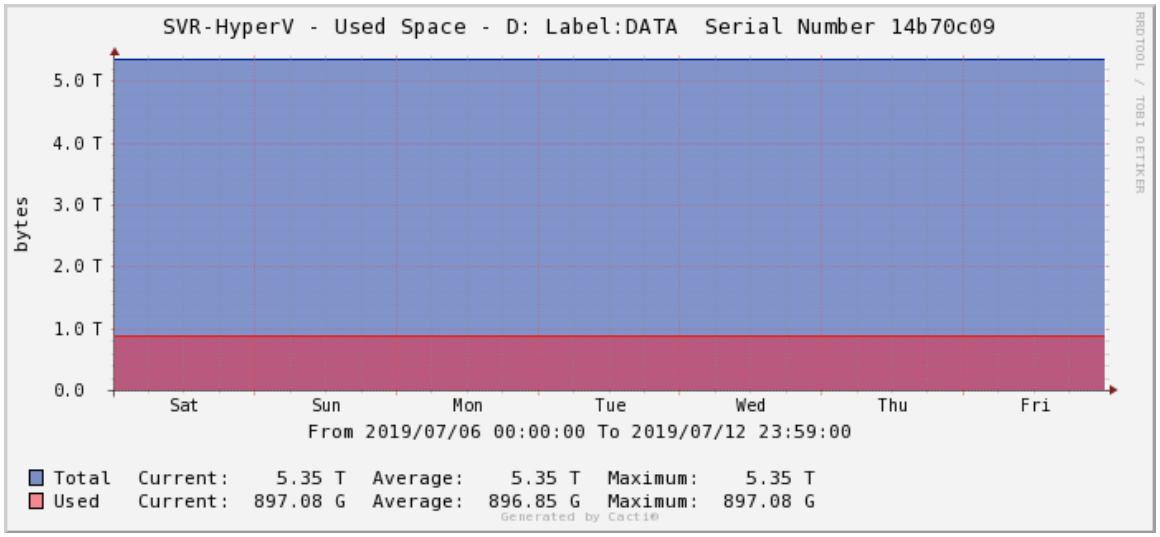



Source: Cacti, RAM



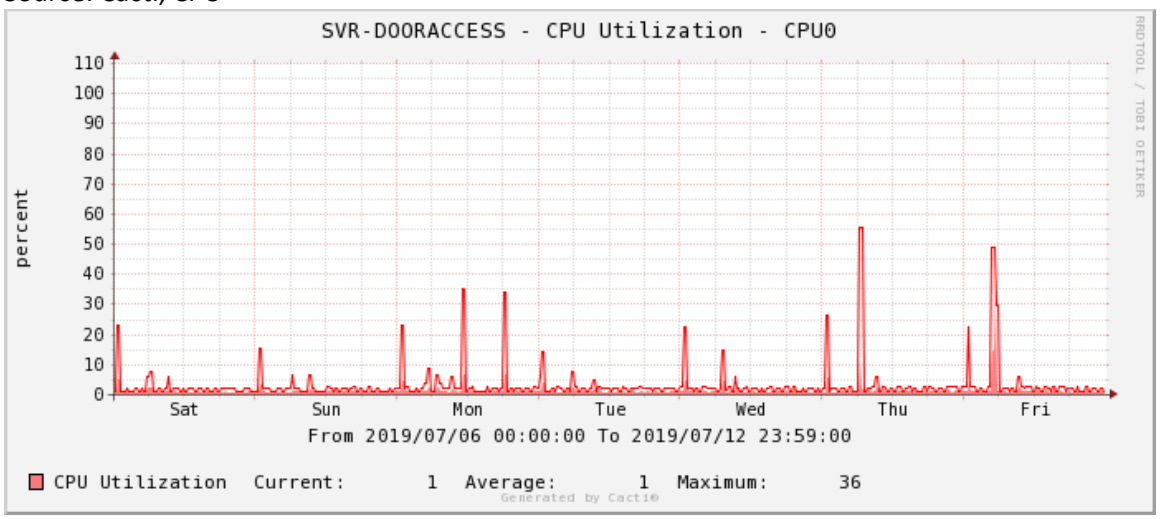

Source: Cacti, Disk



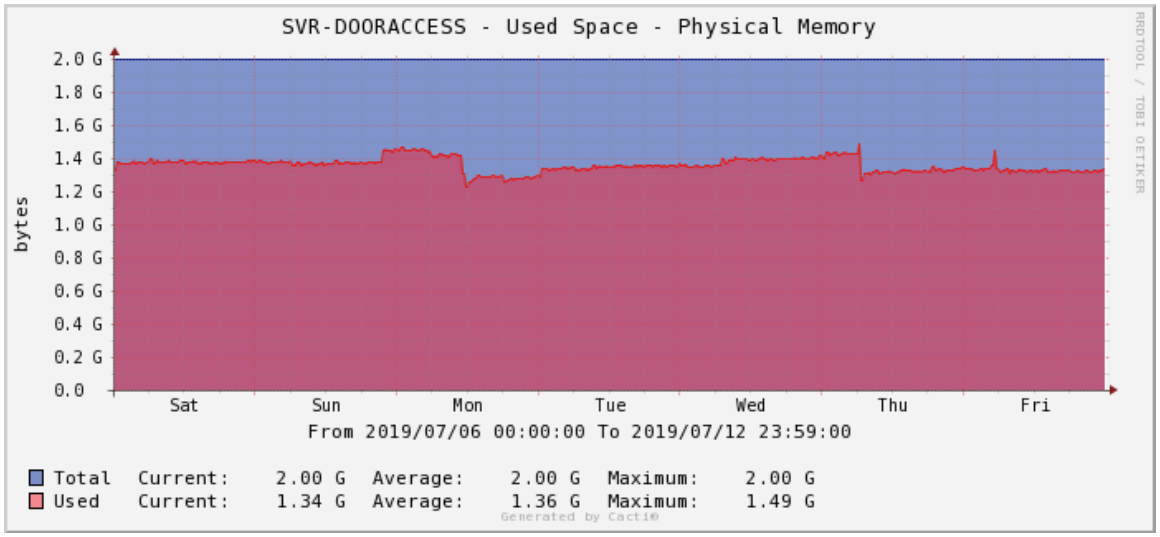



1.5 SVR-DoorAccess

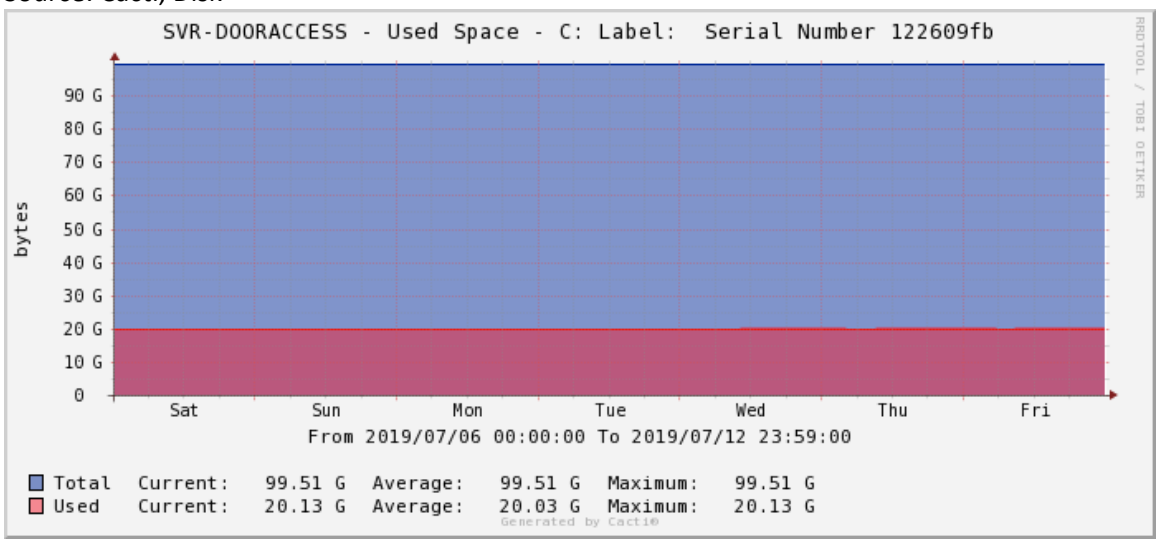
Source: Cacti, CPU




Source: Cacti, RAM

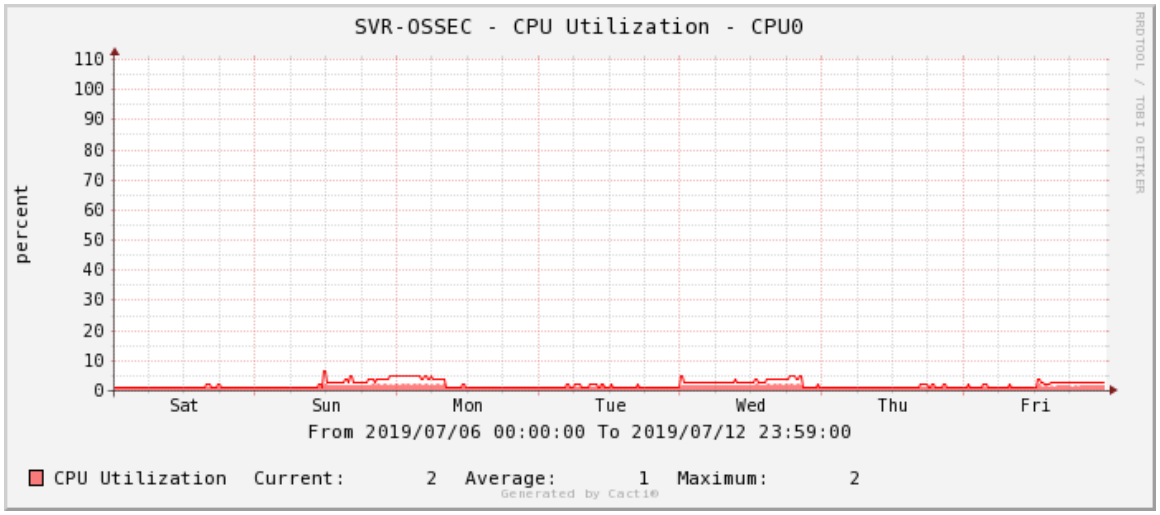



Source: Cacti, Disk

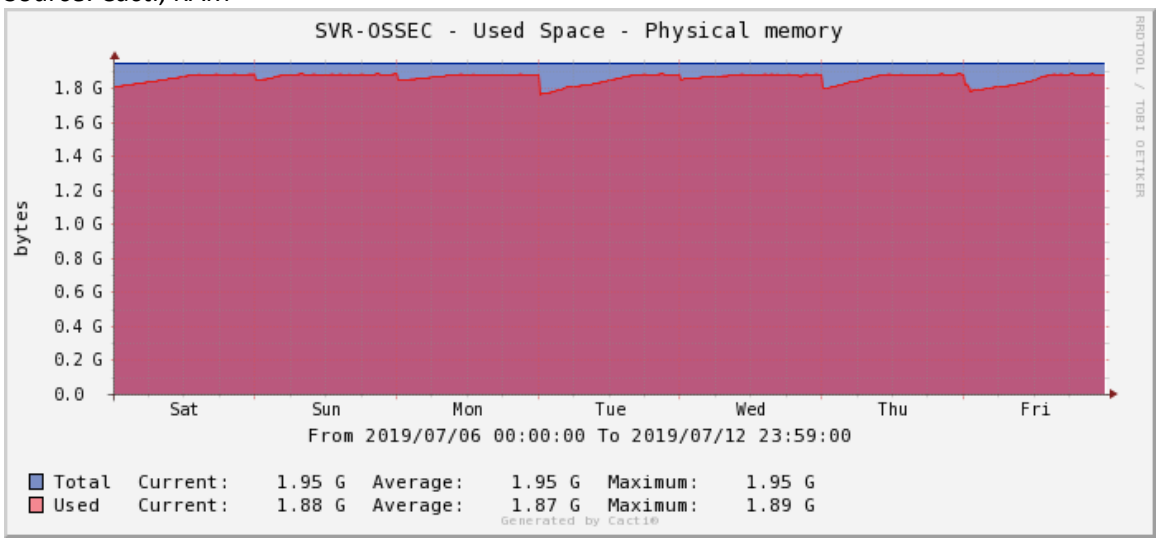



1.6 SVR-OSSEC

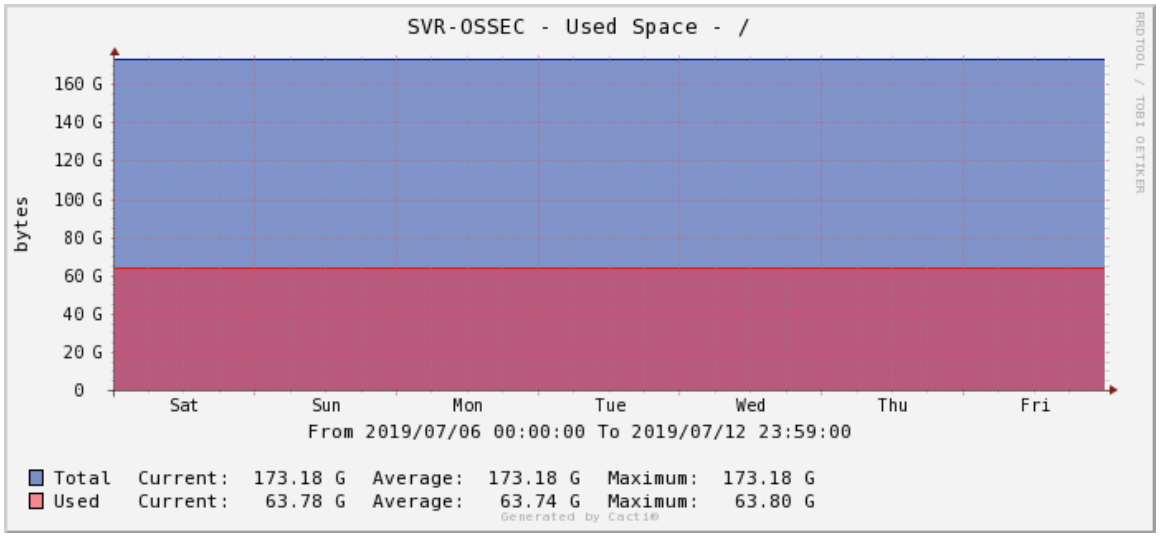
Source: Cacti, CPU




Source: Cacti, RAM

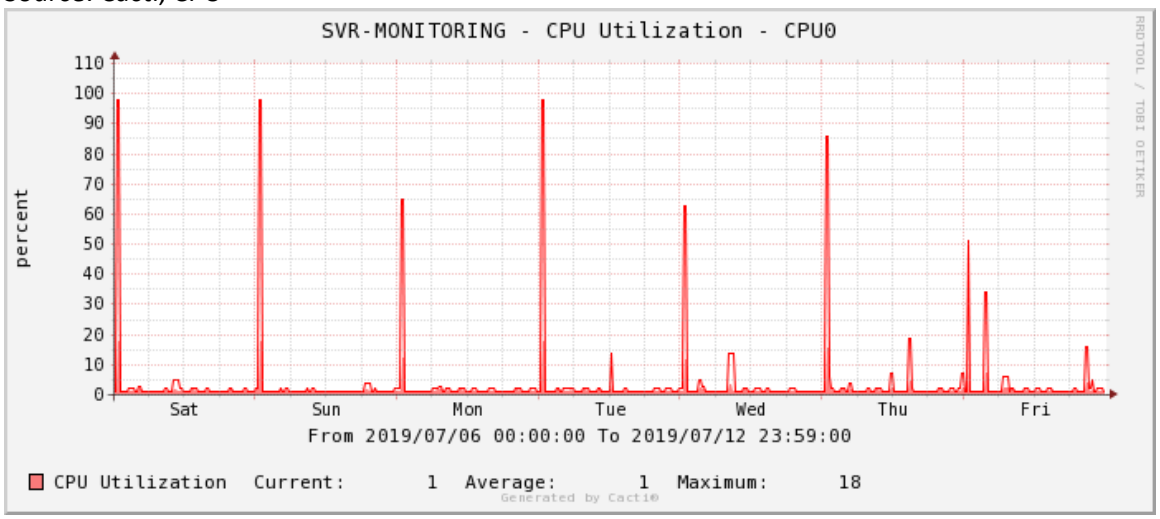



Source: Cacti, Disk

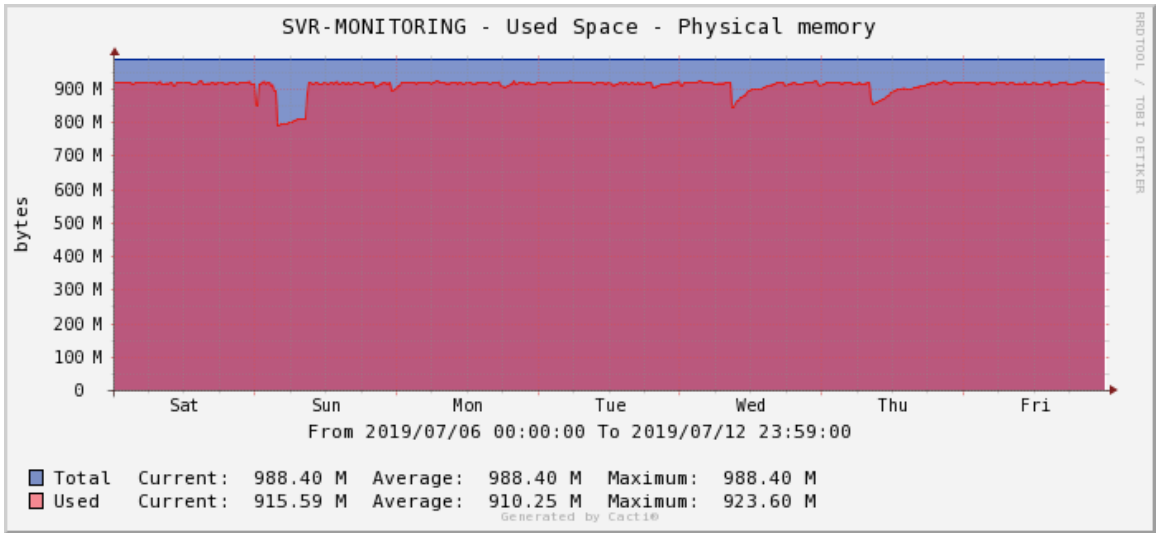



1.7 SVR-Monitoring

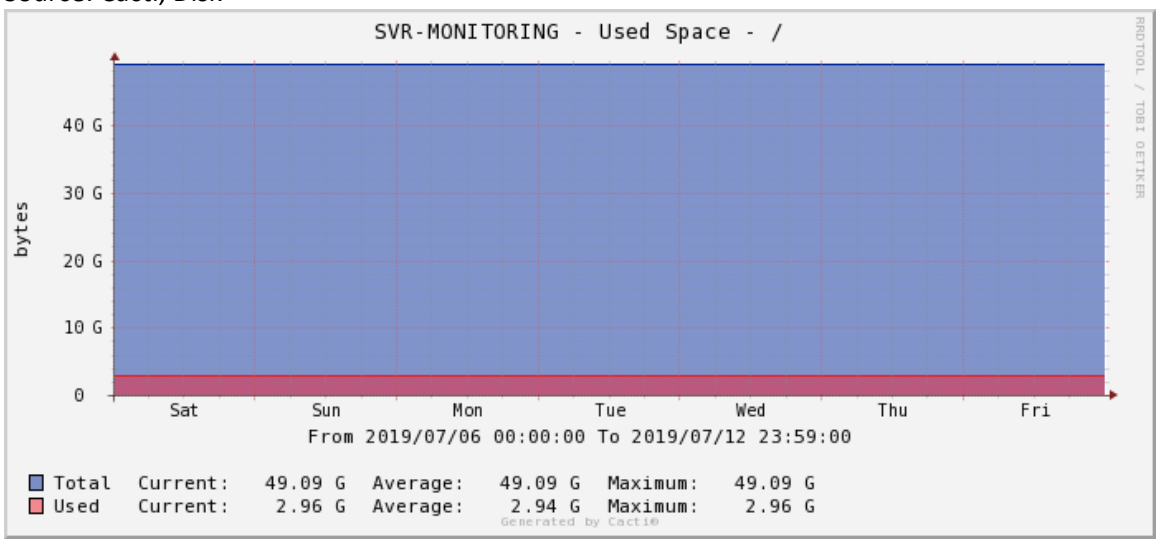
Source: Cacti, CPU




Source: Cacti, RAM

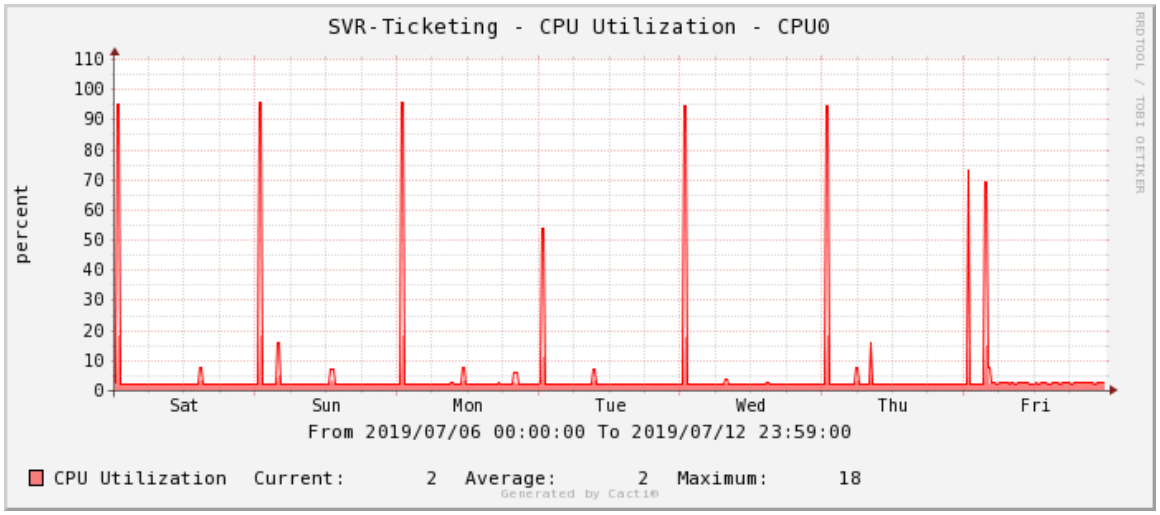



Source: Cacti, Disk

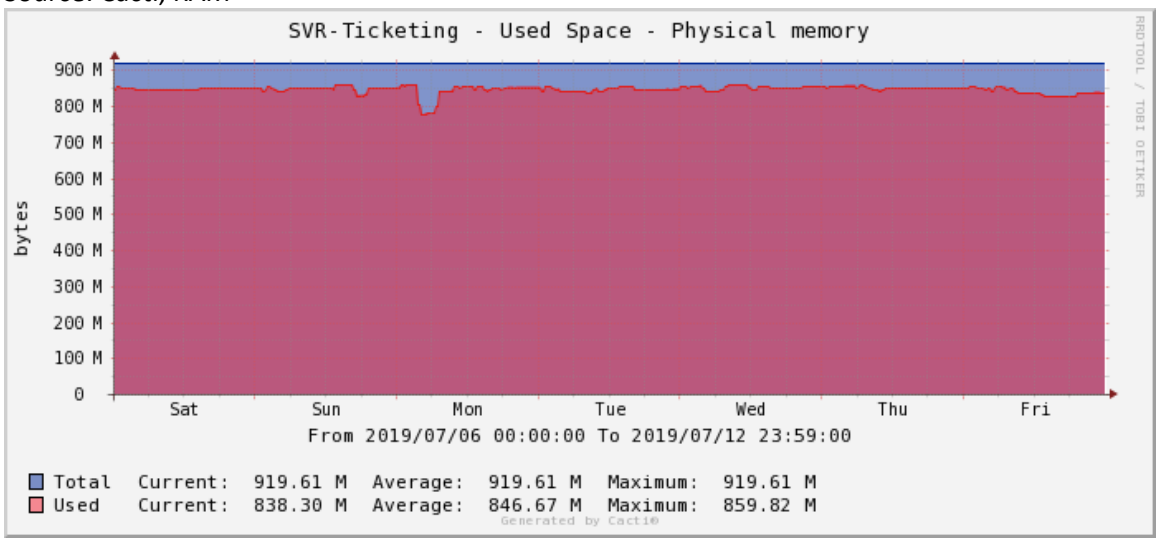



1.8 SVR-Ticketing

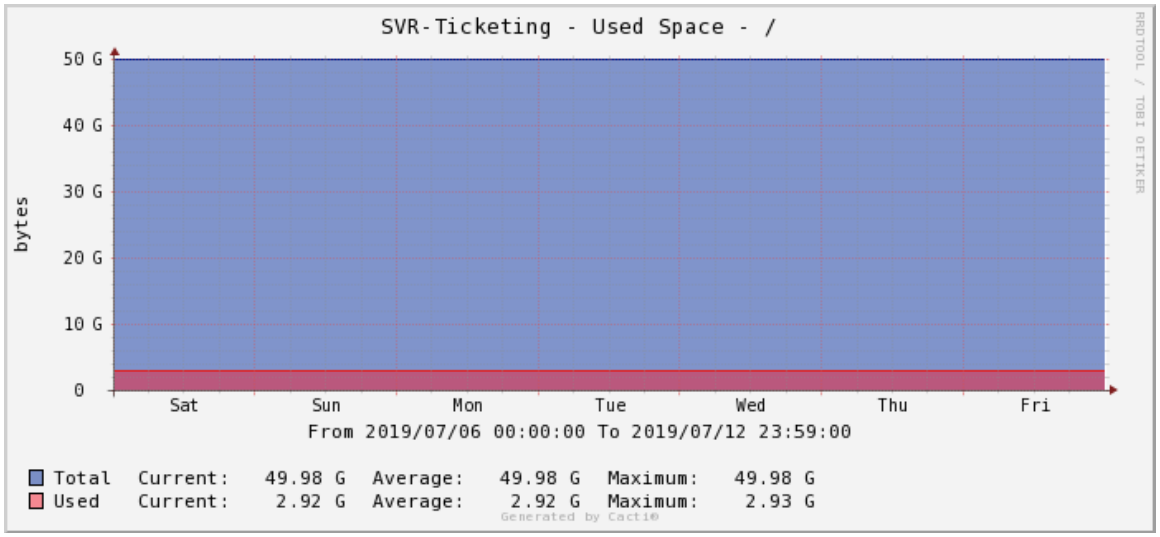
Source: Cacti, CPU




Source: Cacti, RAM




Source: Cacti, Disk




## 2.0 RESPONSE MONITORING REPORT

Source: Nagios

| Server / Protocol | Minimum | Maximum | Average |
|---|---|---|---|
| SVR-AD/ PING | 0.41 ms | 0.47 ms | 0.4371 ms |
| SVR-WSUS/ PING | 0.28 ms | 0.37 ms | 0.3129 ms |
| SVR-CHI/ PING | 0.28 ms | 0.34 ms | 0.2986 ms |
| SVR-HyperV/ PING | 0.30 ms | 0.34 ms | 0.3300 ms |
| SVR-DoorAccess/ PING | 0.27 ms | 0.41 ms | 0.3086 ms |
| SVR-OSSEC/ PING | 0.13 ms | 0.17 ms | 0.1517 ms |
| SVR-Monitoring/ PING | 0.03 ms | 0.04 ms | 0.0367 ms |
| SVR-Ticketing/ PING | 0.16 ms | 0.28 ms | 0.1929 ms |

## 3.0 ANALYSIS AND RECOMMENDATIONS

### 3.1 SVR-AD

- No issues reported on the server.
- Spikes were due to the scheduled task for daily Symantec Endpoint Protection around 1 a.m.

3.2 SVR-WSUS

- No issues reported on the server.
- Spikes were due to the scheduled task for daily Symantec Endpoint Protection around 1 a.m.
- Spikes were due to the scheduled task for daily WSUS synchronization at 2 a.m. and 4 a.m.
-

3.3 SVR-CHI

- No issues reported on the server.
- Spikes were due to the scheduled task for daily Symantec Endpoint Protection around 1 a.m.
- Spikes were due to the user access the HR attendance system.

3.4 SVR-HyperV

- No issues reported on the server.
- Spikes were due to the scheduled task for daily Symantec Endpoint Protection around 1 a.m.

3.5 SVR-DoorAccess

- No issues reported on the server.
- Spikes were due to the scheduled task for daily Symantec Endpoint Protection around 1 a.m.
- Usual spikes were due to access DoorAccess System and Biometric logs

3.6 SVR-OSSEC

- No issues reported on the server.
- Spikes were due to the scheduled task for daily Symantec Endpoint Protection around 1 a.m.

3.7 SVR-Monitoring

- No issues reported on the server.
- Usual spikes were due to access web service Cacti or Nagios

3.8 SVR-Ticketing

- No issues reported on the server.
- Spikes were due to the scheduled task for daily Symantec Endpoint Protection around 1 a.m.