Report

Server Performance

Reference No : R-SVR-5.1

Version No : 01

Week No : 26

Prepared by:

Position / Title	Name	Signature	Date
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IT Staff	Jeff Wang		07-01-2019

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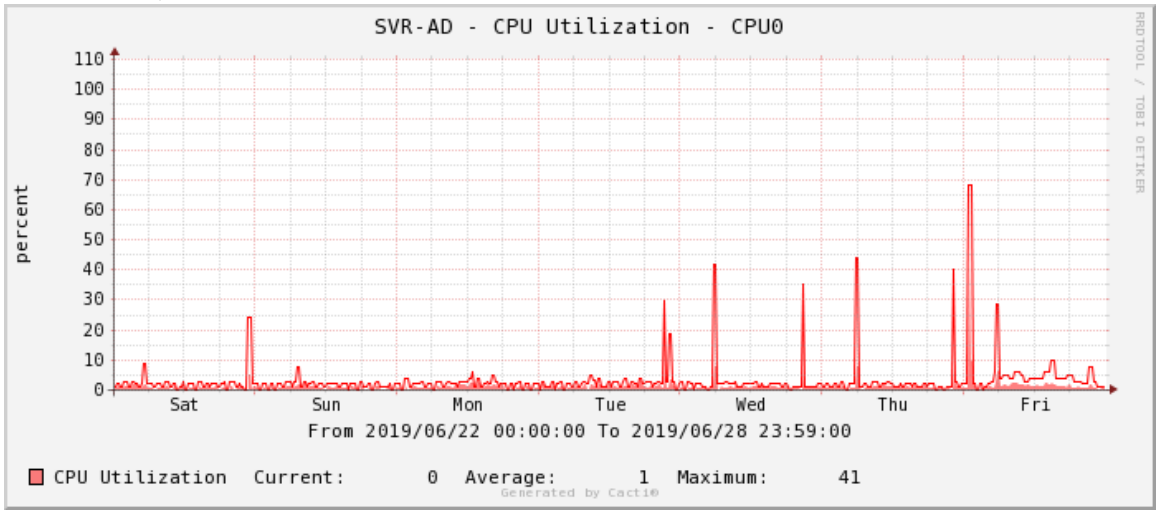
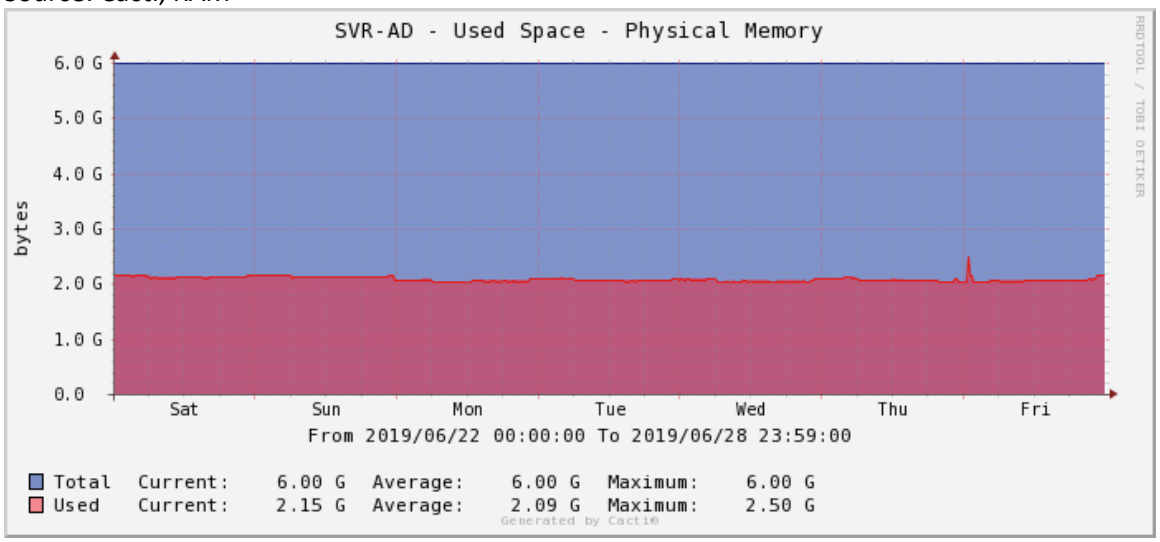
1.0 HARDWARE UTILIZATION9

1.1 SVR-AD

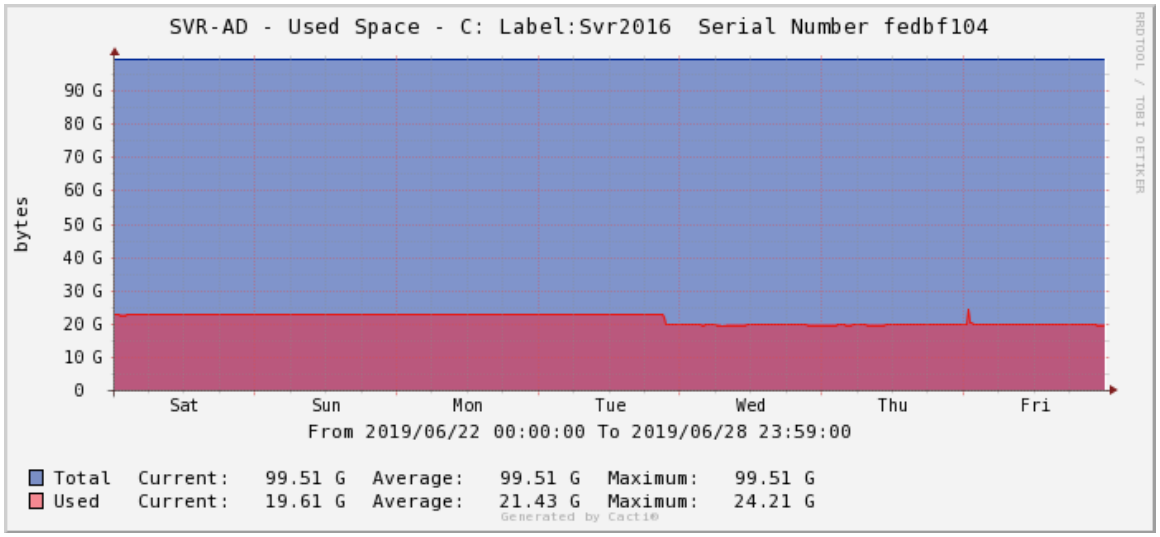
Source: Cacti, CPU



Source: Cacti, RAM

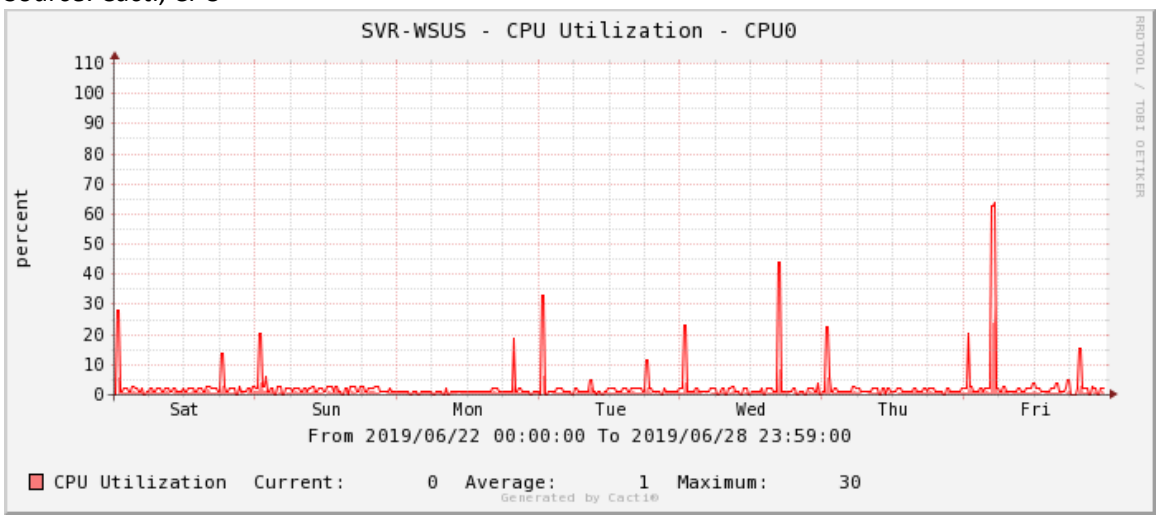


Source: Cacti, Disk

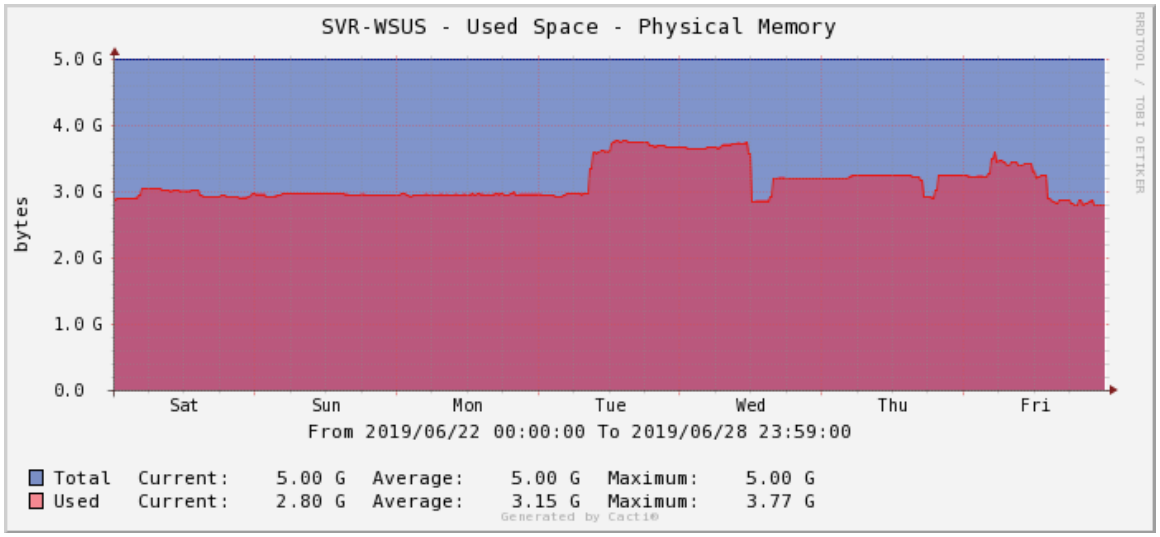


1.2 SVR-WSUS

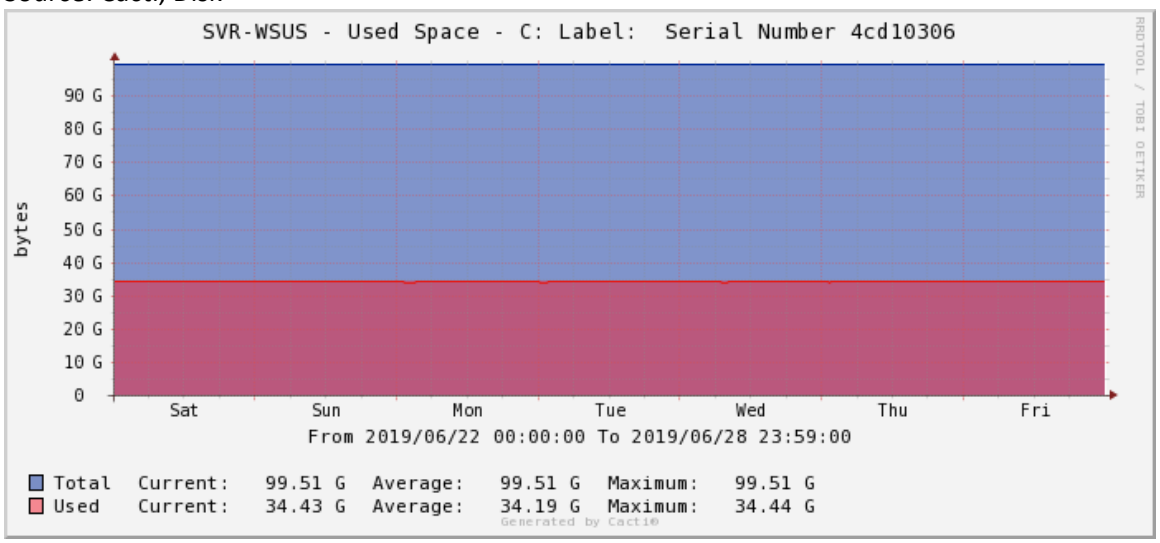
Source: Cacti, CPU



Source: Cacti, RAM

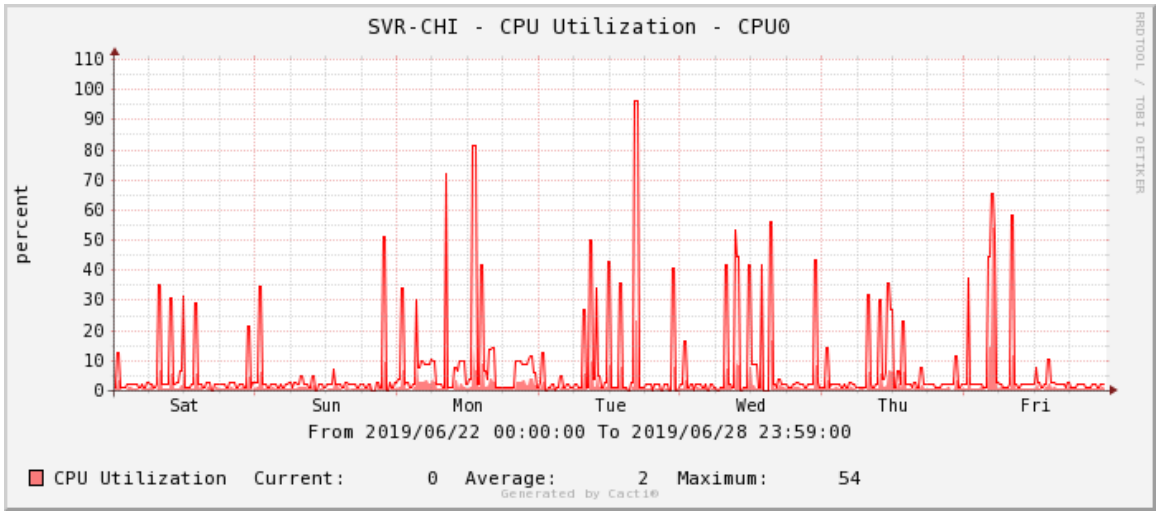


Source: Cacti, Disk

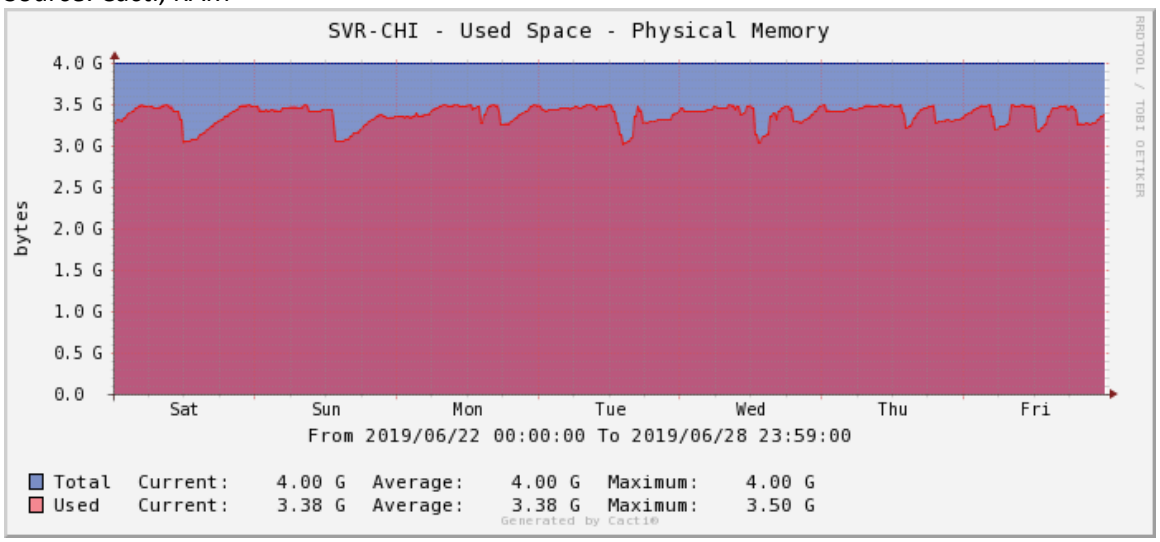


1.3 SVR-CHI

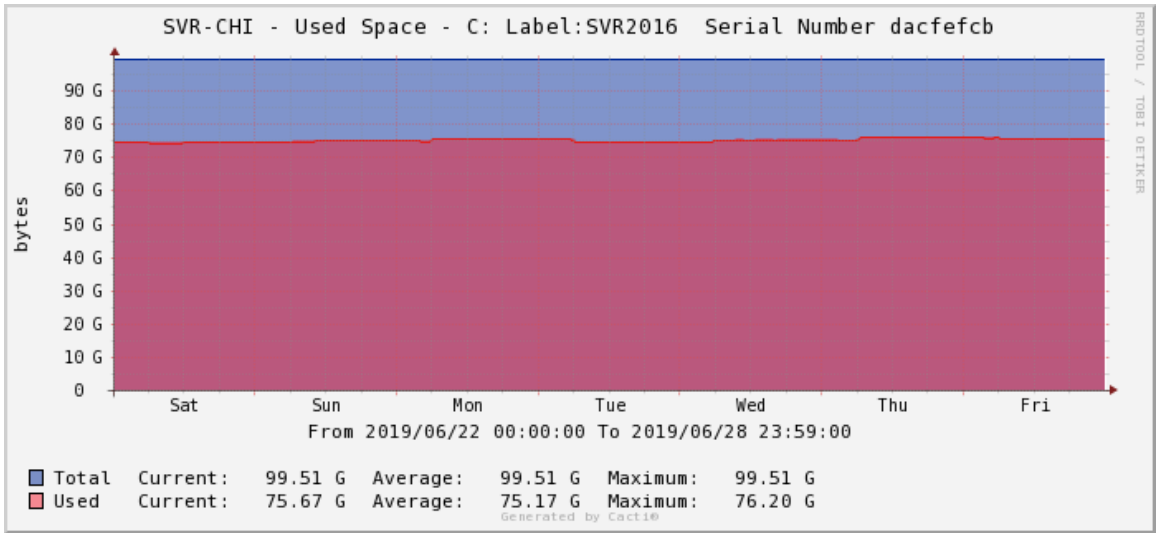
Source: Cacti, CPU



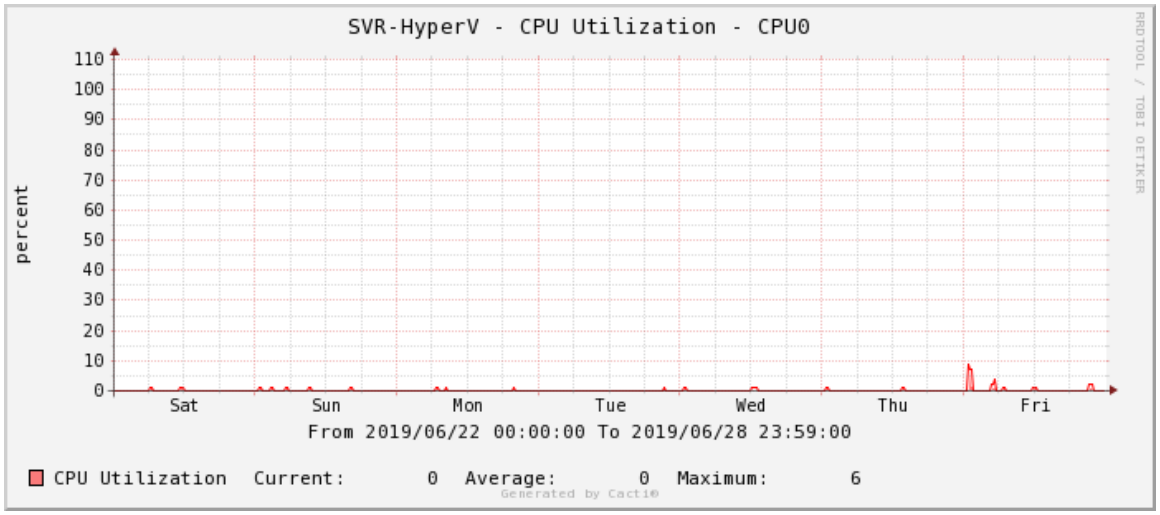
Source: Cacti, RAM

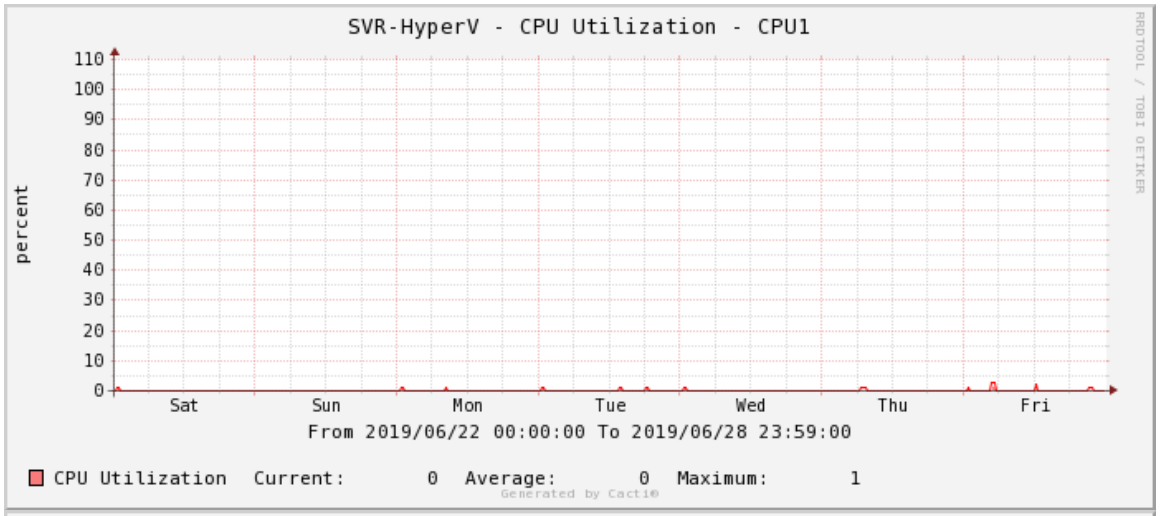


Source: Cacti, Disk



1.4 SVR-HyperV
Source: Cacti, CPU




SVR-HyperV - CPU Utilization - CPU1
percent
110
100
90
80
70
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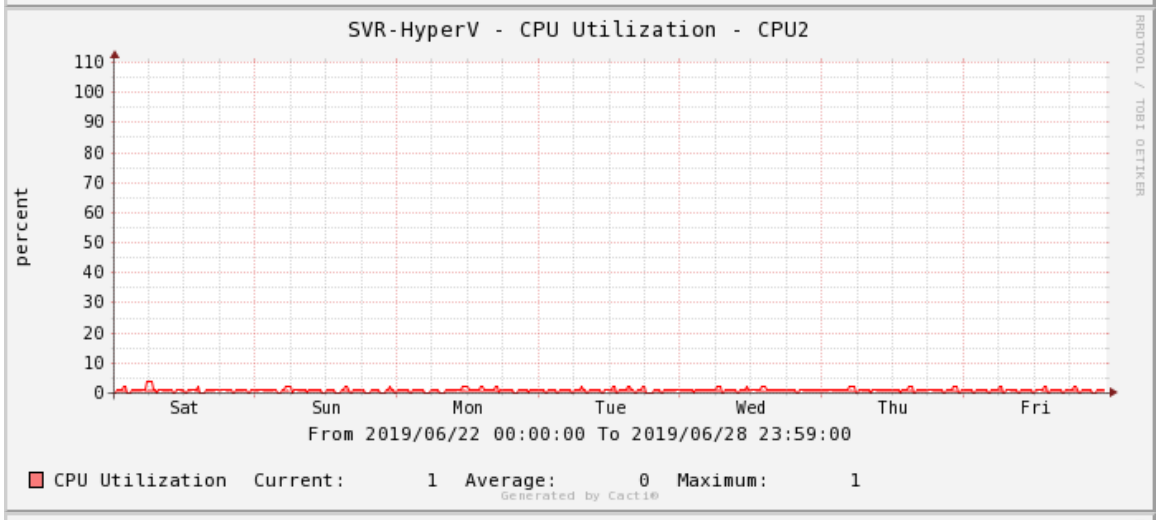
Thu
Fri
From 2019/06/22 00:00:00 To 2019/06/28 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 1
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU2
percent
110
100
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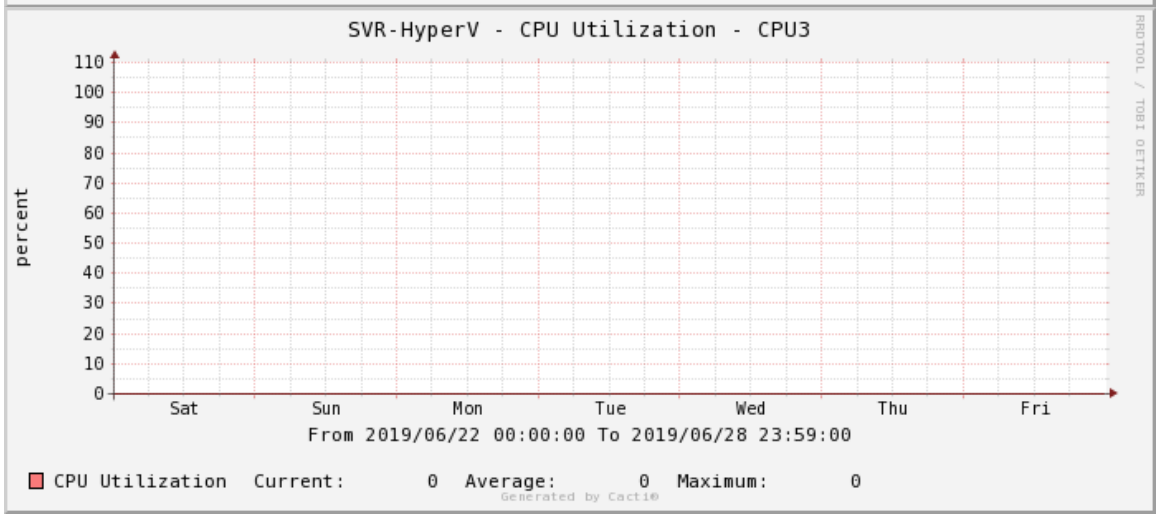
From 2019/06/22 00:00:00 To 2019/06/28 23:59:00
CPU Utilization Current: 1 Average: 0 Maximum: 1
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU3
percent
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100
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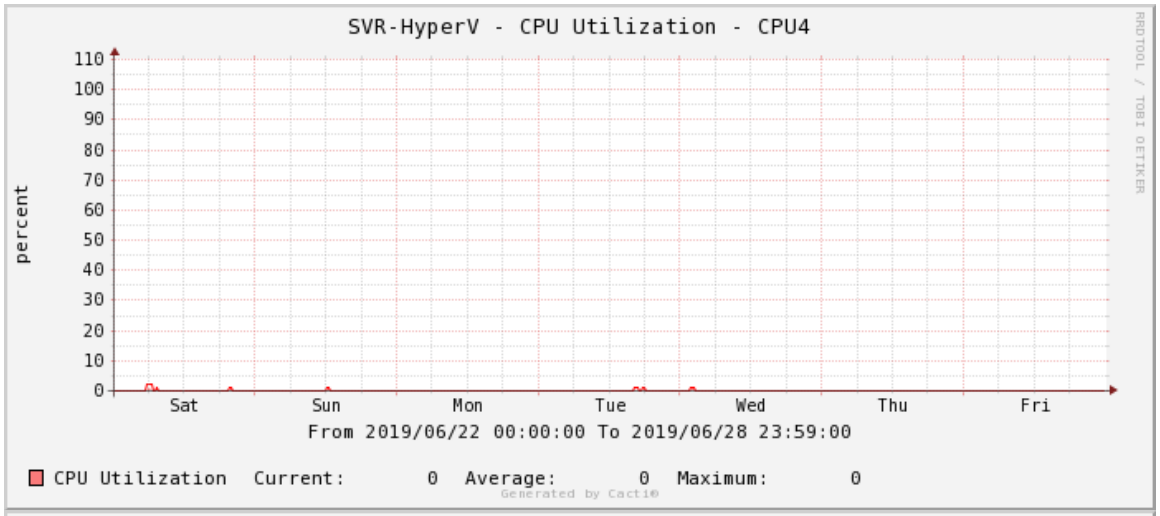
From 2019/06/22 00:00:00 To 2019/06/28 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 0
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU4
percent
110
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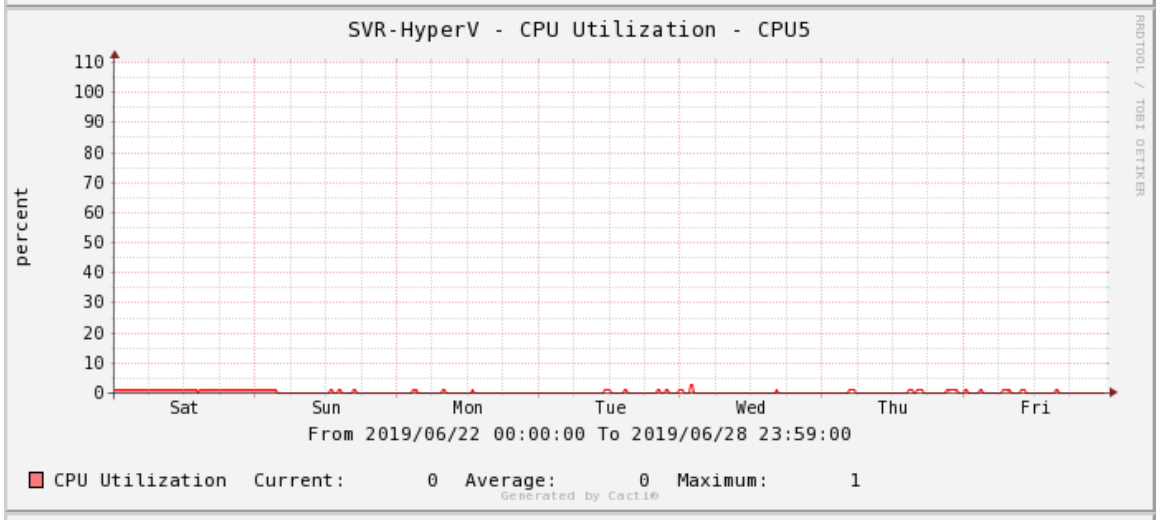
From 2019/06/22 00:00:00 To 2019/06/28 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 0
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU5
percent
110
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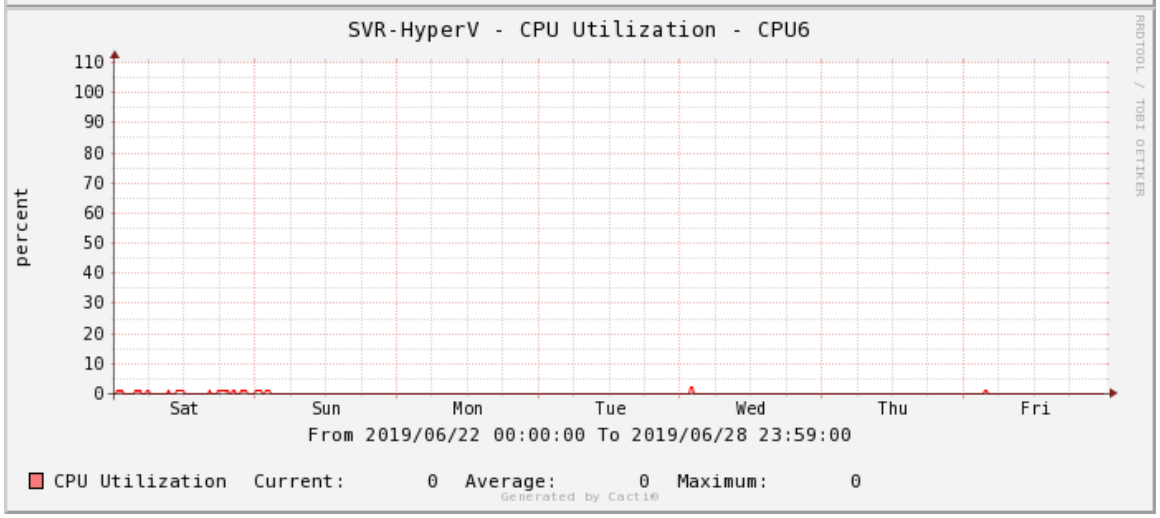
From 2019/06/22 00:00:00 To 2019/06/28 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 1
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU6
percent
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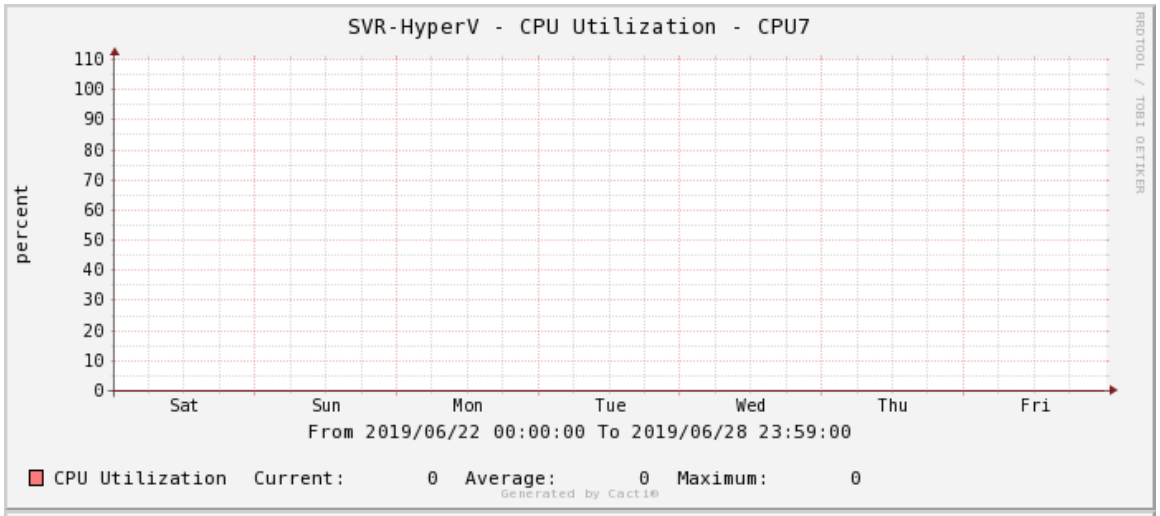
From 2019/06/22 00:00:00 To 2019/06/28 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 0
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU7
percent
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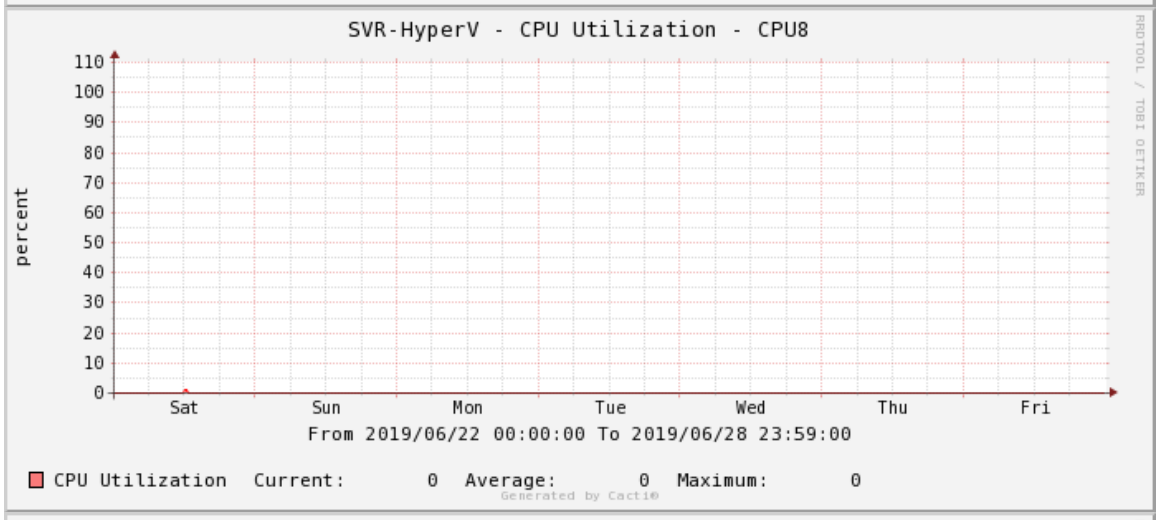
Thu
Fri
From 2019/06/22 00:00:00 To 2019/06/28 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 0
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU8
percent
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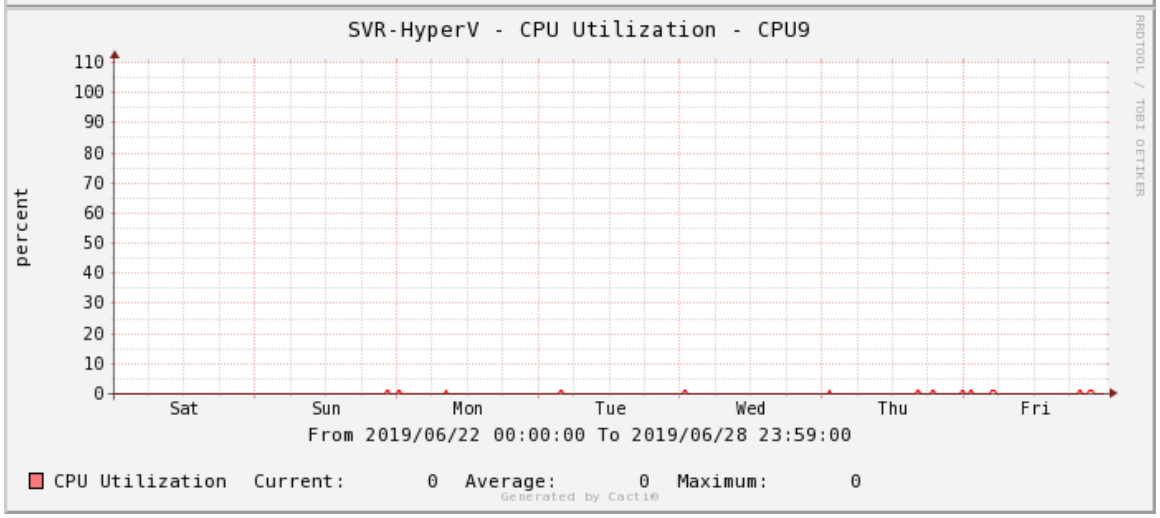
From 2019/06/22 00:00:00 To 2019/06/28 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 0
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU9
percent
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100
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Thu
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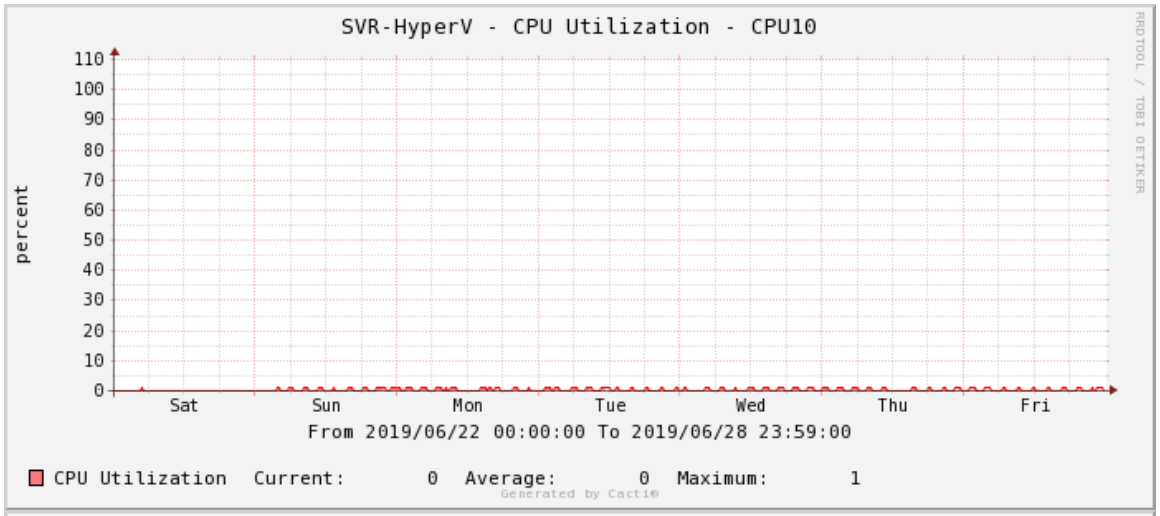
From 2019/06/22 00:00:00 To 2019/06/28 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 0
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU10
percent
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100
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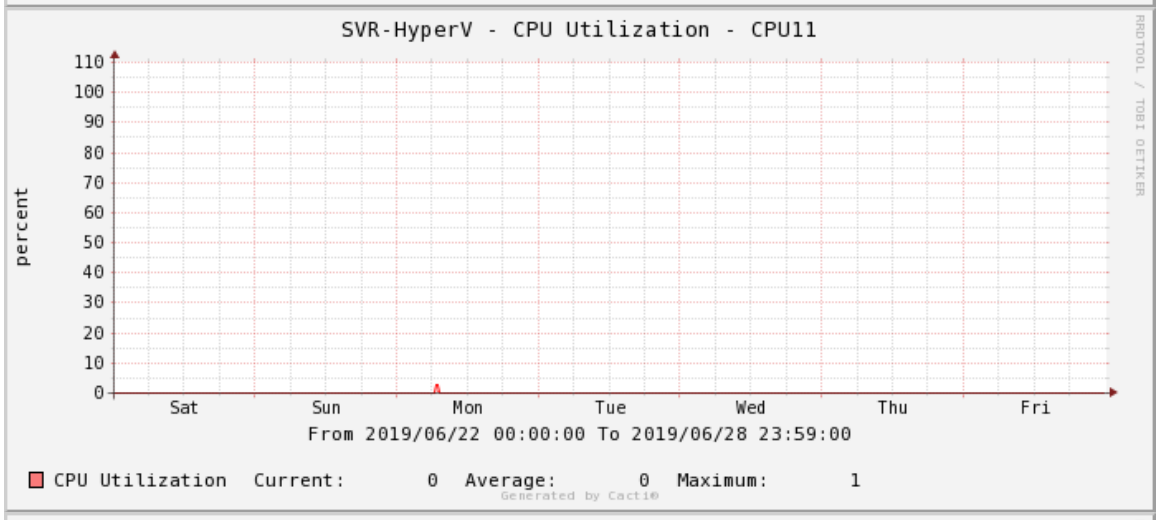
Mon
Tue
Wed
Thu
Fri
From 2019/06/22 00:00:00 To 2019/06/28 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 1
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU11
percent
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100
90
80
70
60
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40
30
20
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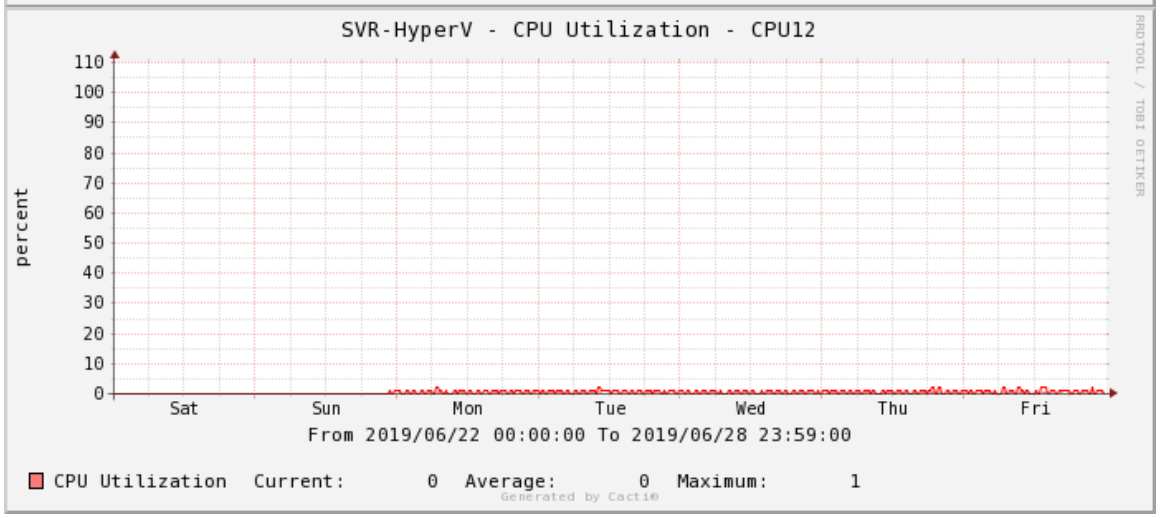
0
Sat
Sun
Mon
Tue
Wed
Thu
Fri
From 2019/06/22 00:00:00 To 2019/06/28 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 1
RRDTOOL / TOBI OETIKER


SVR-HyperV - CPU Utilization - CPU12
percent
110
100
90
80
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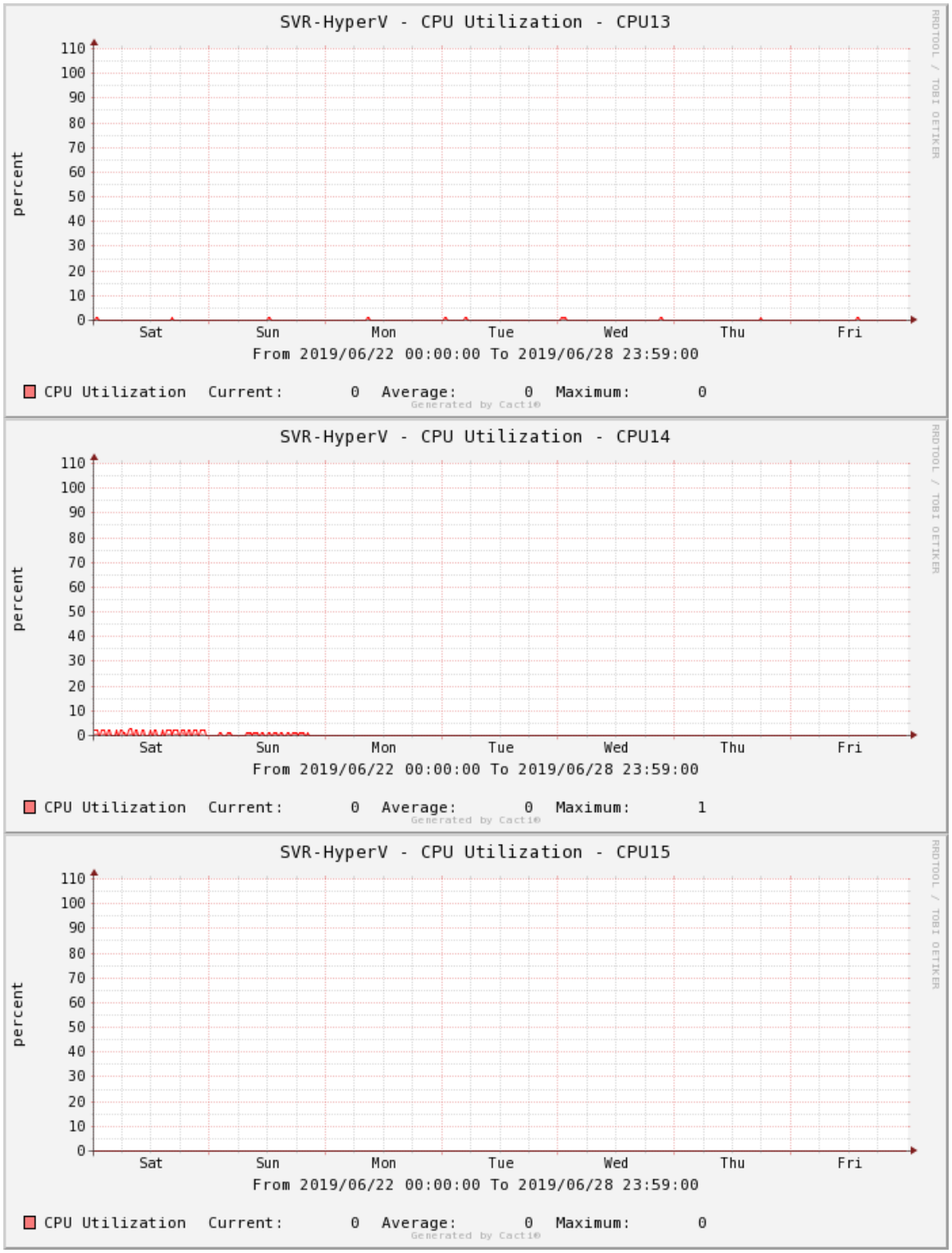
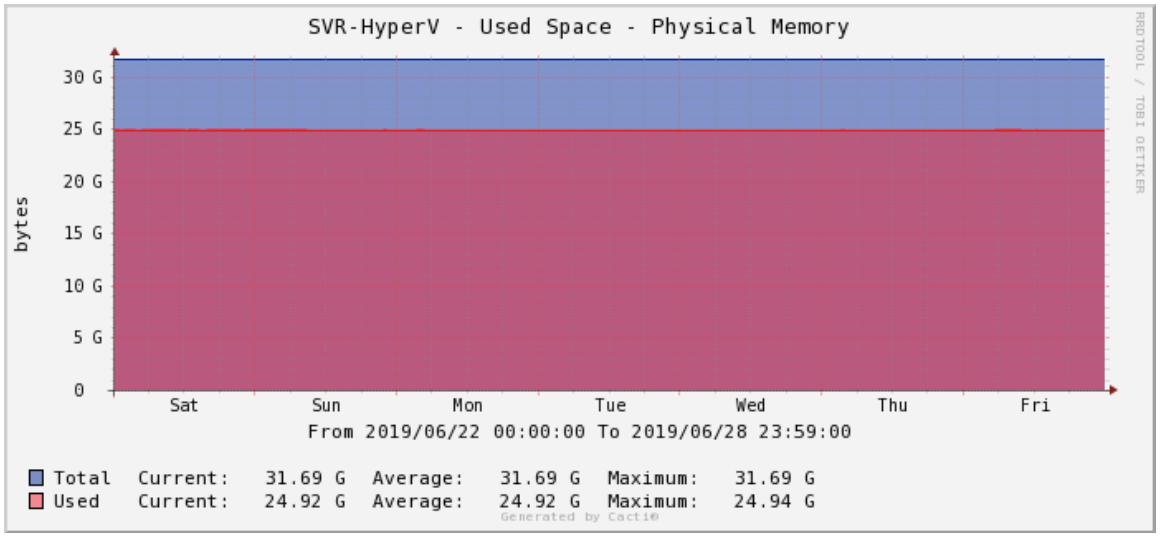
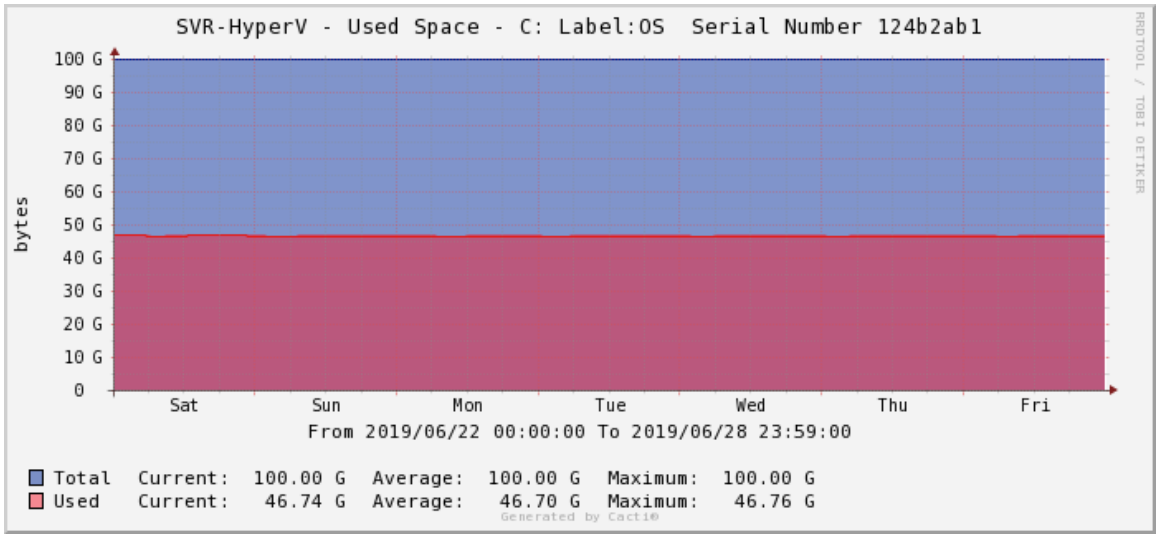
Sat
Sun
Mon
Tue
Wed
Thu
Fri
From 2019/06/22 00:00:00 To 2019/06/28 23:59:00
CPU Utilization Current: 0 Average: 0 Maximum: 1
RRDTOOL / TOBI OETIKER

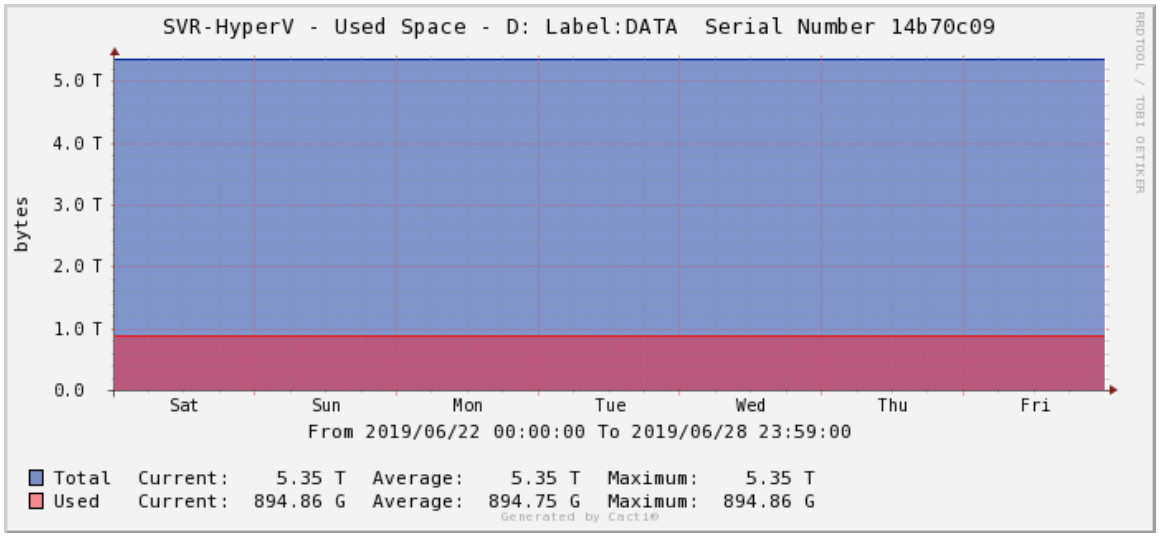


Source: Cacti, RAM



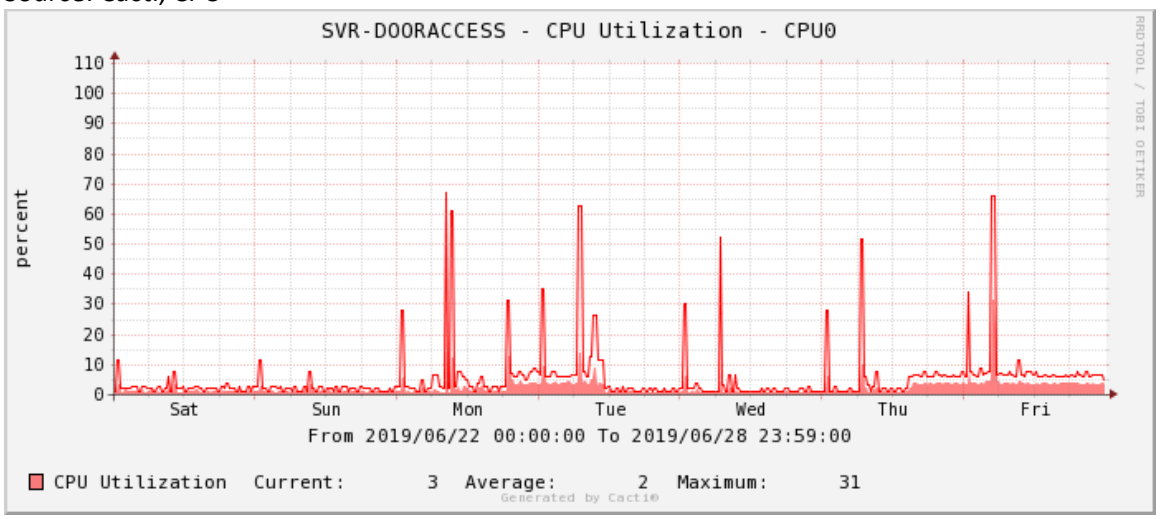
Source: Cacti, Disk



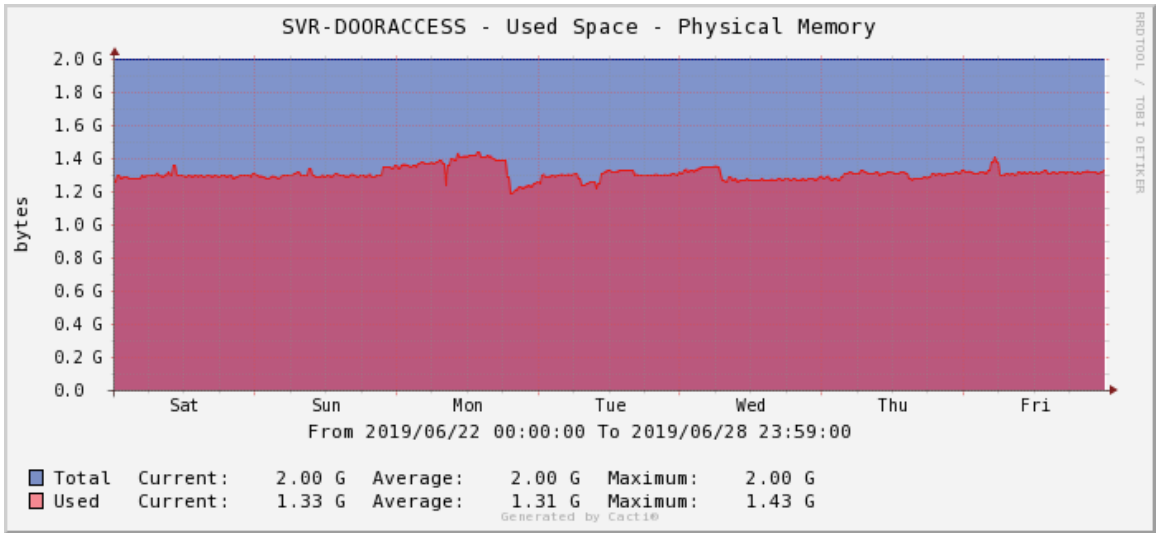


1.5 SVR-DoorAccess

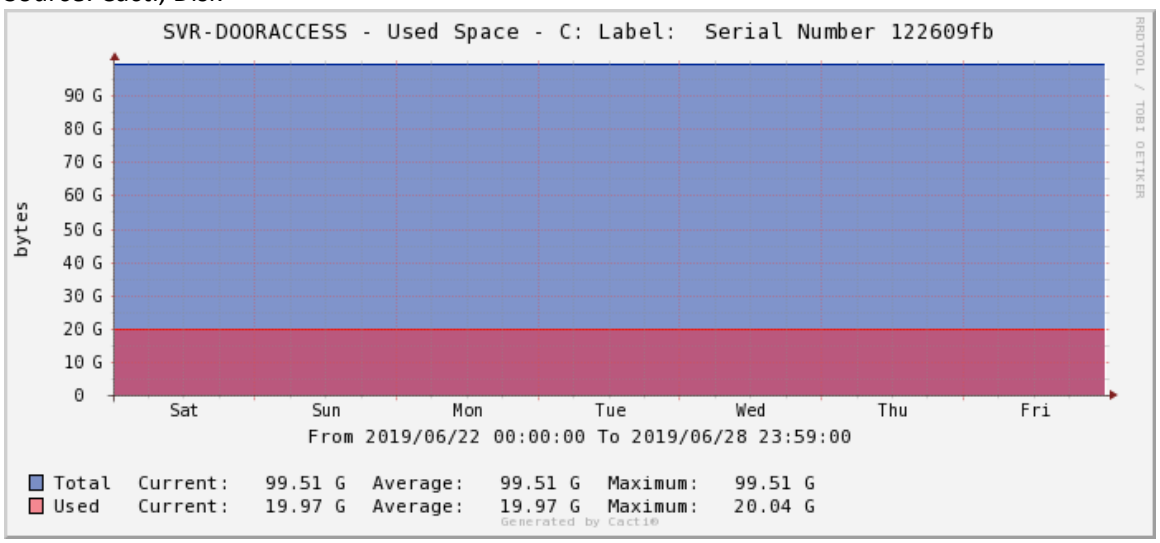
Source: Cacti, CPU



Source: Cacti, RAM

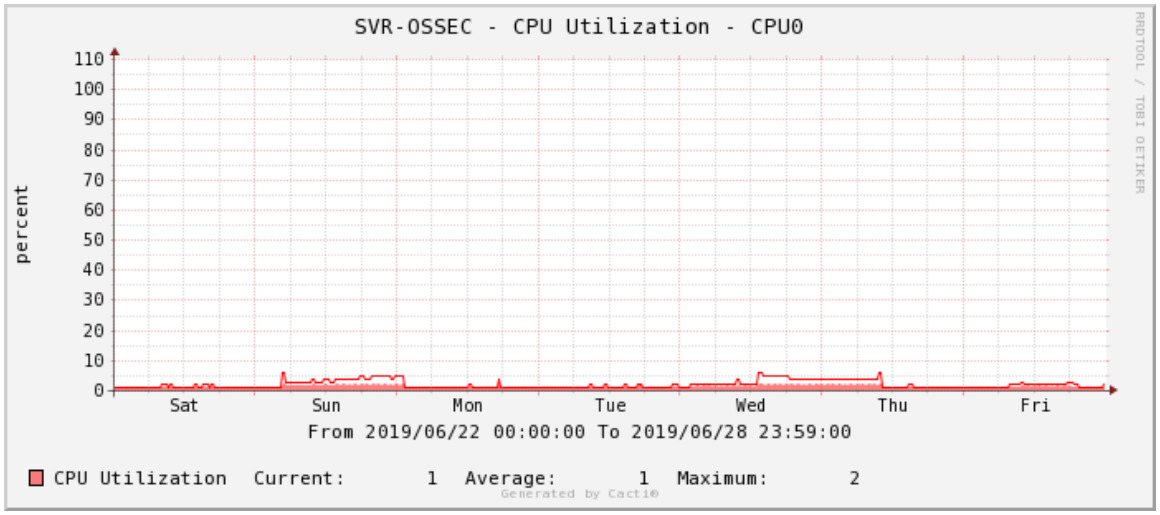


Source: Cacti, Disk

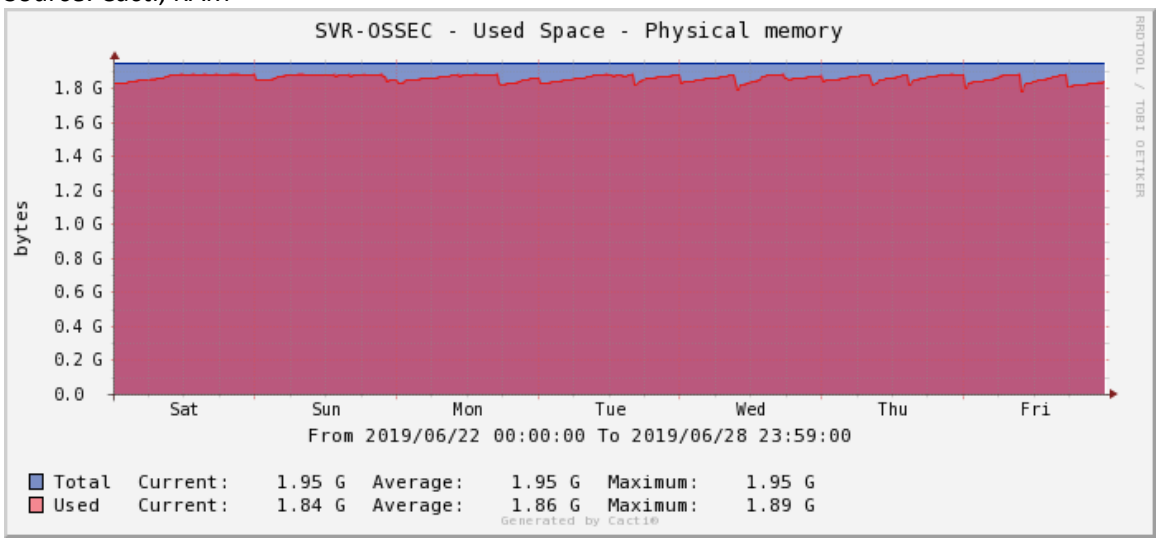


1.6 SVR-OSSEC

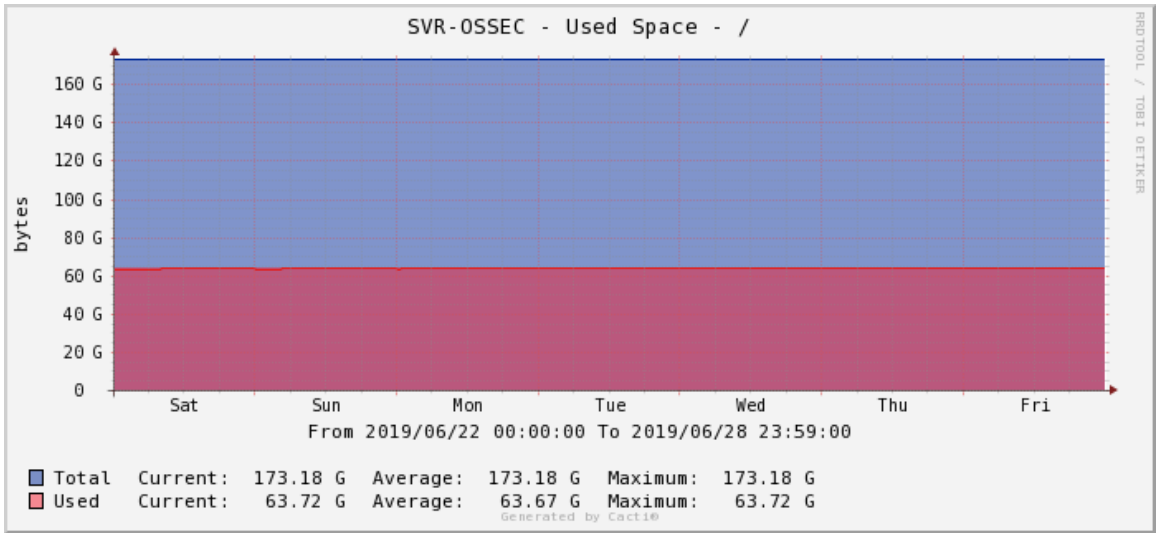
Source: Cacti, CPU



Source: Cacti, RAM

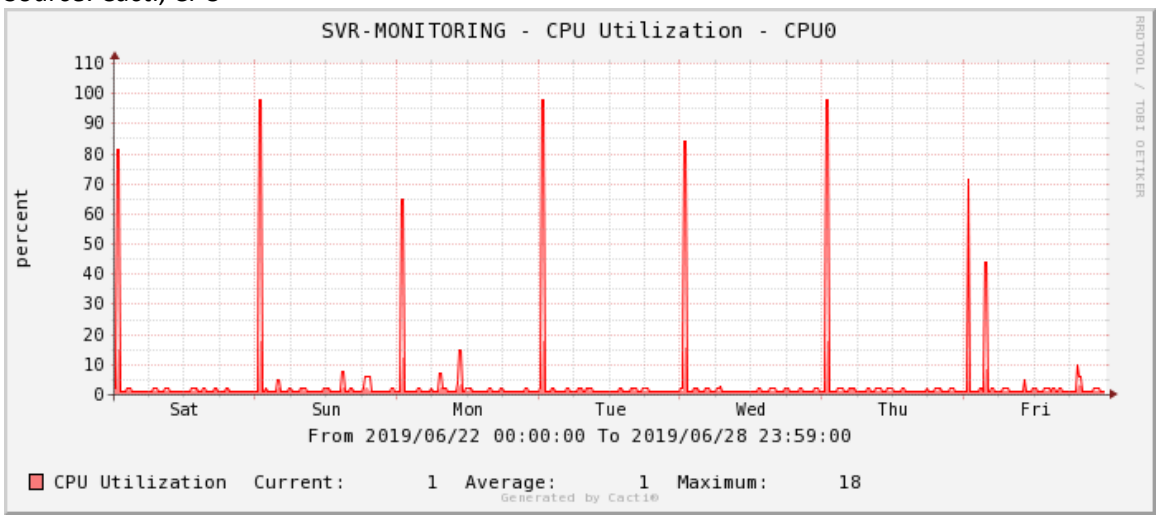


Source: Cacti, Disk

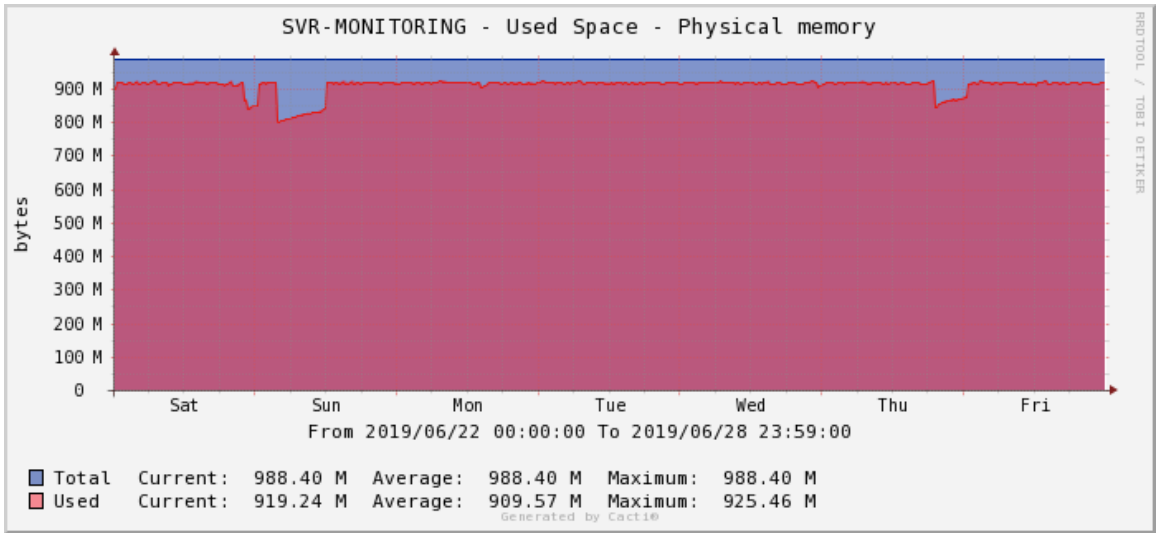


1.7 SVR-Monitoring

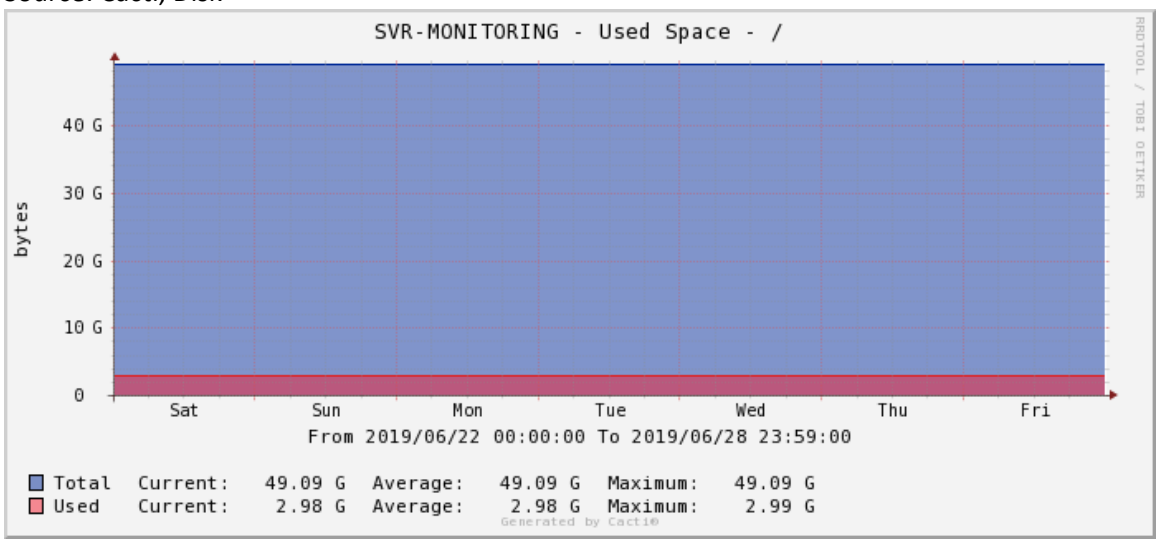
Source: Cacti, CPU



Source: Cacti, RAM

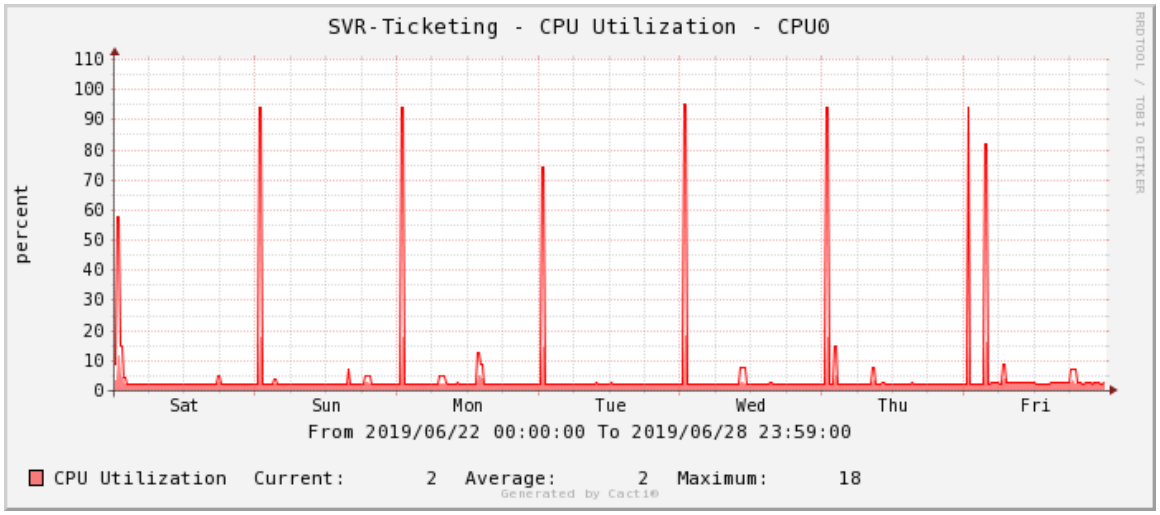


Source: Cacti, Disk

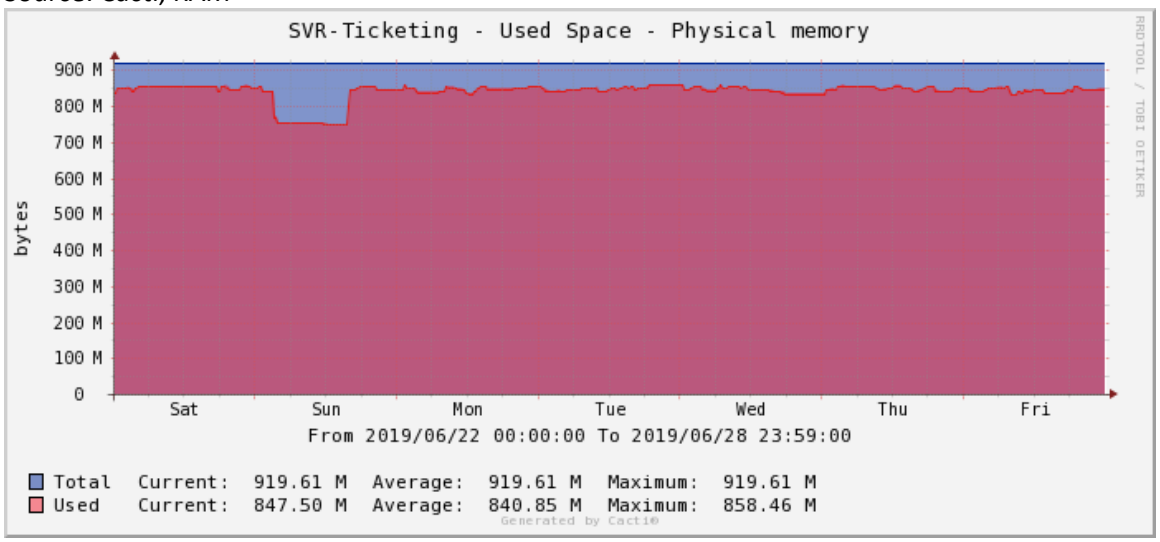


1.8 SVR-Ticketing

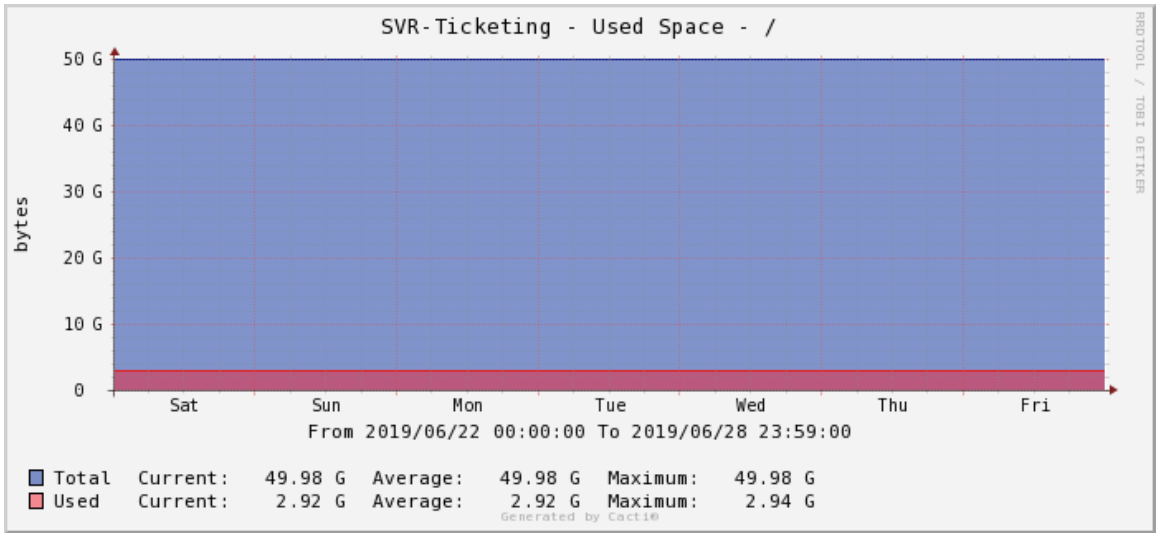
Source: Cacti, CPU



Source: Cacti, RAM



Source: Cacti, Disk



2.0 RESPONSE MONITORING REPORT

Source: Nagios

Server / Protocol	Minimum	Maximum	Average
SVR-AD/ PING	0.42 ms	0.53 ms	0.4629 ms
SVR-WSUS/ PING	0.26 ms	0.38 ms	0.2957 ms
SVR-CHI/ PING	0.28 ms	0.39 ms	0.3143 ms
SVR-HyperV/ PING	0.31 ms	0.41 ms	0.3686 ms
SVR-DoorAccess/ PING	0.29 ms	0.45 ms	0.3229 ms
SVR-OSSEC/ PING	0.13 ms	0.18 ms	0.1550 ms
SVR-Monitoring/ PING	0.03 ms	0.04 ms	0.0317 ms
SVR-Ticketing/ PING	0.17 ms	0.28 ms	0.1943 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.

- **Activity on the CPU graphs are due to the usual RDP of administrators to create user accounts. Ticket# 2019423272, 2019521221**

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.