



1Gov*Net KKR-CIDB MONTHLY SLG REPORT JULY 2018

GITN Sdn. Berhad "The monthly service management report has been prepared for customer subscribed to 1Gov*Net services. It is intended to cover the service performance including network availability, utilization and helpdesk reports for each Ministry or Agency. The contents of the reports is subject to change from time to time depending on the need."

1Gov*Net

July 2018

| TABLE OF CONTENT | PAGE |
|----------------------------------|------|
| 1. EXECUTIVE SUMMARY | 2 |
| 2. AVAILABILITY SUMMARY | 3 |
| 3. SUMMARY OF UTILIZATION REPORT | 11 |
| 4. HELPDESK REPORT | 16 |
| 5. APPENDIX | 17 |

1. EXECUTIVE SUMMARY

- 1.1 KKR-CIDB Secured Wide Area Network consists of 20 sites with 20 number of circuits. Details list of circuits as below:

Table 1: List of Circuit

| Bandwidth (Kbps) | No of Circuit |
|------------------|---------------|
| 2,000 | 13 |
| 6,000 | 6 |
| 20,000 | 1 |

- 1.2 The overall Service Availability for July is 100.0%. There are 20 circuits had achieved the SLG and 0 circuits not achieved. The details of summary as below:

Table 2: List of SLG (Secured Wide Area Network)

| SLG (%) | Meet SLG | Not Meet SLG | Total Circuit |
|---------|----------|--------------|---------------|
| 99.9 | 1 | 0 | 1 |
| 99.7 | 19 | 0 | 19 |

- 1.3 Based on SAMS network monitoring, there are 15 circuits achieved 100.0% Circuit Availability and 5 circuits not achieved 100.0% Circuit Availability.
- 1.4 There are 9 circuits with circuits utilization exceeded 85% based on 95th percentile threshold. The threshold is based on maximum value data and need to be considered for upgrading. The details is in Table 12.
- 1.5 For the month of July 2018, there are 3 Tickets Report (TR) with Closed Status. The list of summary Ticket Category as below:

Table 3: List of Ticket Category

| Category | No. of Tickets |
|----------|----------------|
| TTCR | 3 |

Table 4: List of Detail Closure Code

| Closure Code | No. of Tickets |
|--------------------------|----------------|
| GITN (CPE) ROUTER_Hang | 1 |
| USER EQUIPMENT POWER OFF | 2 |

2. AVAILABILITY SUMMARY

2.1 There are 2 types of availability generated in this report:

a) Service Availability

Service Availability is defined as the percentage of time service are available to the Customer during the course of a month. Service Availability is calculated based on fault reported by customer in accordance with the following formula:

$$\text{Service Availability for Month} = ((T - D) \times 100) / T$$

Where:

T is the total number of minutes in the Month; and

D is Downtime.

Downtime means any interruption to availability of service which includes due to GSB, Telco, Customer and Others.

b) Site Availability

Site Availability is defined as the percentage of actual Site or Circuit Uptime during the course of a month. Site Availability is calculated based on SNMP polling by SAMS system (example 5 minutes interval) in accordance with the following formula:

$$\text{Site Availability for Month} = ((T - F) \times 100) / T$$

Where:

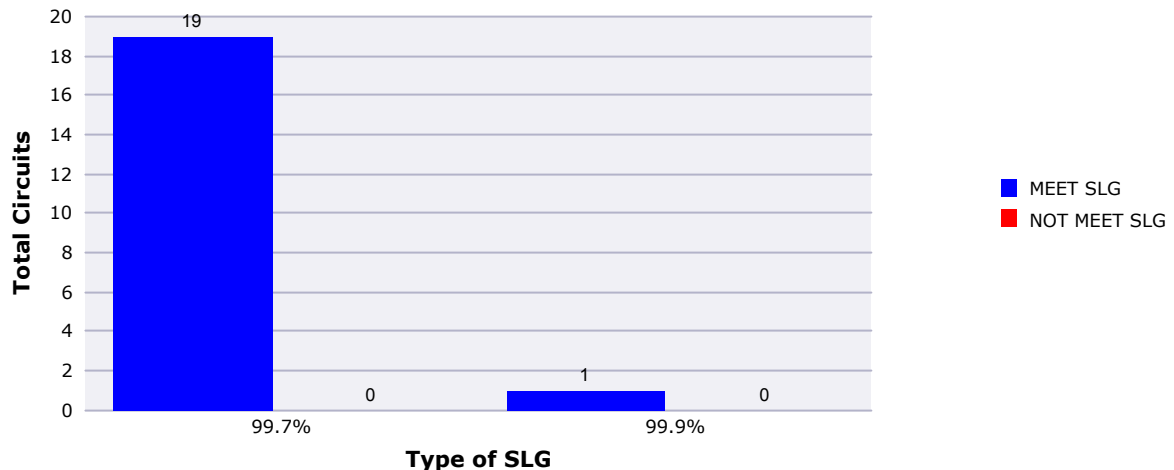
T is the total number of SNMP polling requests in the Month; and

F is the total number of SNMP polling failed request.

Failed request means device does not response to SNMP queries after a configurable time-out period.

2.2 The summary of SLG Achievement based on type of SLG.

Figure 1: Summary of SLG Achievement



2.3 The list of circuits achieved SLG as below:

Table 6: Circuits Achieved Service Availability SLG

| No | Circuit Name | Speed (Kbps) | Technology | SLG (%) | Service Avail (%) |
|----|--|--------------|------------|---------|-------------------|
| 1 | CIDB Miri | 2,000 | IPME | 99.7 | 100 |
| 2 | CIDB Negeri Kedah | 2,000 | IPLL | 99.7 | 100 |
| 3 | CIDB Negeri Kelantan | 6,000 | IPME | 99.7 | 100 |
| 4 | CIDB Negeri Melaka | 2,000 | IPLL | 99.7 | 100 |
| 5 | CIDB Negeri Pahang | 2,000 | IPME | 99.7 | 100 |
| 6 | CIDB Negeri Perak | 2,000 | IPLL | 99.7 | 100 |
| 7 | CIDB Negeri Pulau Pinang | 2,000 | IPLL | 99.7 | 100 |
| 8 | CIDB Negeri Sabah | 2,000 | IPME | 99.7 | 100 |
| 9 | CIDB Negeri Terengganu | 2,000 | IPLL | 99.7 | 100 |
| 10 | CIDB Tawau | 2,000 | IPLL | 99.7 | 100 |
| 11 | Ibu Pejabat CIDB | 20,000 | IPME | 99.9 | 100 |
| 12 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Cawangan Bintulu | 2,000 | IPME | 99.7 | 100 |
| 13 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Cawangan Sandakan | 2,000 | IPME | 99.7 | 100 |
| 14 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Kuala Lumpur | 6,000 | IPME | 99.7 | 100 |
| 15 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Johor | 2,000 | IPME | 99.7 | 100 |
| 16 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Perlis | 2,000 | IPME | 99.7 | 100 |
| 17 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Sarawak | 6,000 | IPME | 99.7 | 100 |
| 18 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Selangor | 6,000 | IPME | 99.7 | 100 |
| 19 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Sembilan | 6,000 | IPME | 99.7 | 100 |
| 20 | Sektor Teknologi, Lembaga Pembangunan Industri Pembinaan Malaysia | 6,000 | IPME | 99.7 | 100 |

2.4 There is 0 circuits not achieved SLG as below:

Table 7: Circuits Not Achieved Service Availability SLG

| No | Circuit Name | Speed (Kbps) | Technology | SLG (%) | Service Avail (%) | Remarks |
|----|--------------|--------------|------------|---------|-------------------|---------|
|----|--------------|--------------|------------|---------|-------------------|---------|

* There is no data for circuits not achieved SLG for this month.

2.5 The list of circuits achieved 100% Circuit Availability based on SAMS Network Monitoring as below:

Table 8: Circuits Achieved 100% Circuit Availability

| No | Circuit Name | Speed (Kbps) | Technology | SLG (%) | Circuit Avail (%) |
|----|--|--------------|------------|---------|-------------------|
| 1 | CIDB Miri | 2,000 | IPME | 99.7 | 100 |
| 2 | CIDB Negeri Kelantan | 6,000 | IPME | 99.7 | 100 |
| 3 | CIDB Negeri Melaka | 2,000 | IPLL | 99.7 | 100 |
| 4 | CIDB Negeri Pahang | 2,000 | IPME | 99.7 | 100 |
| 5 | CIDB Negeri Pulau Pinang | 2,000 | IPLL | 99.7 | 100 |
| 6 | CIDB Negeri Sabah | 2,000 | IPME | 99.7 | 100 |
| 7 | CIDB Negeri Terengganu | 2,000 | IPLL | 99.7 | 100 |
| 8 | Ibu Pejabat CIDB | 20,000 | IPME | 99.9 | 100 |
| 9 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Cawangan Sandakan | 2,000 | IPME | 99.7 | 100 |
| 10 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Kuala Lumpur | 6,000 | IPME | 99.7 | 100 |
| 11 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Johor | 2,000 | IPME | 99.7 | 100 |
| 12 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Sarawak | 6,000 | IPME | 99.7 | 100 |
| 13 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Selangor | 6,000 | IPME | 99.7 | 100 |
| 14 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Sembilan | 6,000 | IPME | 99.7 | 100 |
| 15 | Sektor Teknologi, Lembaga Pembangunan Industri Pembinaan Malaysia | 6,000 | IPME | 99.7 | 100 |

2.6 There are 5 circuits not achieved 100% Circuit Availability based on SAMS Network Monitoring.

Table 9: Circuits Not Achieved 100% Circuit Availability

| No | Circuit Name | Speed (Kbps) | Technology | SLG (%) | Circuit Avail (%) | Remarks |
|----|---|--------------|------------|---------|-------------------|---------|
| 1 | CIDB Negeri Kedah | 2,000 | IPLL | 99.7 | 99.7 | |
| 2 | CIDB Negeri Perak | 2,000 | IPLL | 99.7 | 99.7 | |
| 3 | CIDB Tawau | 2,000 | IPLL | 99.7 | 99.6 | |
| 4 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Cawangan Bintulu | 2,000 | IPME | 99.7 | 98.9 | |
| 5 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Perlis | 2,000 | IPME | 99.7 | 99.3 | |

3. SUMMARY OF UTILIZATION REPORT

- 3.1 The 85% threshold is chosen as indicator for network congestion. Any incoming and outgoing traffic that goes beyond the threshold is considered as high network utilization and therefore should be considered for upgrading.
- 3.2 There are 9 circuits that exceeded 85% threshold utilization based on maximum value data. The list of circuits is as per Table 12 below.

Table 12: List of Sites Exceeded 85% Threshold Utilization

| No | Circuit Name | Speed (Kbps) | Util In (%) | Util In Kbps (Max) | Util Out (%) | Util Out Kbps (Max) |
|----|--|--------------|-------------|--------------------|--------------|---------------------|
| 1 | CIDB Negeri Kedah | 2,000 | 97.35 | 1,947 | 66.60 | 1,332 |
| 2 | CIDB Negeri Kelantan | 6,000 | 99.56 | 5,974 | 82.78 | 4,967 |
| 3 | CIDB Negeri Pulau Pinang | 2,000 | 94.12 | 1,882 | 58.65 | 1,173 |
| 4 | CIDB Negeri Terengganu | 2,000 | 94.38 | 1,888 | 73.23 | 1,465 |
| 5 | Ibu Pejabat CIDB | 20,000 | 72.85 | 14,569 | 85.69 | 17,137 |
| 6 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Cawangan Sandakan | 2,000 | 99.71 | 1,994 | 86.32 | 1,726 |
| 7 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Kuala Lumpur | 6,000 | 100.00 | 6,000 | 38.06 | 2,284 |
| 8 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Johor | 2,000 | 88.56 | 1,771 | 82.12 | 1,642 |
| 9 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Sarawak | 6,000 | 98.62 | 5,917 | 59.87 | 3,592 |

- 3.3 There is 0 circuits that under utilize below 5% utilization as below.

Table 13: List Sites Under Utilize Below 5%

| No | Circuit Name | Speed (Kbps) | Util In (%) | Util In Kbps (Max) | Util Out (%) | Util Out Kbps (Max) | Remarks |
|----|--------------|--------------|-------------|--------------------|--------------|---------------------|---------|
|----|--------------|--------------|-------------|--------------------|--------------|---------------------|---------|

* There is no data for circuits below 5% for this month.

3.4 The list of utilization for all circuits as below:

Table 14: List of Utilization for All Circuits

| No | Circuit Name | Speed (Kbps) | Util In (%) | Util In Kbps (Max) | Util Out (%) | Util Out Kbps (Max) |
|----|--|--------------|-------------|--------------------|--------------|---------------------|
| 1 | CIDB Miri | 2,000 | 50.30 | 1,006 | 76.95 | 1,539 |
| 2 | CIDB Negeri Kedah | 2,000 | 97.35 | 1,947 | 66.60 | 1,332 |
| 3 | CIDB Negeri Kelantan | 6,000 | 99.56 | 5,974 | 82.78 | 4,967 |
| 4 | CIDB Negeri Melaka | 2,000 | 42.58 | 852 | 58.24 | 1,165 |
| 5 | CIDB Negeri Pahang | 2,000 | 76.34 | 1,527 | 62.55 | 1,251 |
| 6 | CIDB Negeri Perak | 2,000 | 45.29 | 906 | 83.03 | 1,661 |
| 7 | CIDB Negeri Pulau Pinang | 2,000 | 94.12 | 1,882 | 58.65 | 1,173 |
| 8 | CIDB Negeri Sabah | 2,000 | 63.93 | 1,279 | 74.78 | 1,496 |
| 9 | CIDB Negeri Terengganu | 2,000 | 94.38 | 1,888 | 73.23 | 1,465 |
| 10 | CIDB Tawau | 2,000 | 38.65 | 773 | 59.32 | 1,186 |
| 11 | Ibu Pejabat CIDB | 20,000 | 72.85 | 14,569 | 85.69 | 17,137 |
| 12 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Cawangan Bintulu | 2,000 | 46.66 | 933 | 52.67 | 1,053 |
| 13 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Cawangan Sandakan | 2,000 | 99.71 | 1,994 | 86.32 | 1,726 |
| 14 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Kuala Lumpur | 6,000 | 100.00 | 6,000 | 38.06 | 2,284 |
| 15 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Johor | 2,000 | 88.56 | 1,771 | 82.12 | 1,642 |
| 16 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Perlis | 2,000 | 54.08 | 1,082 | 53.57 | 1,071 |
| 17 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Sarawak | 6,000 | 98.62 | 5,917 | 59.87 | 3,592 |
| 18 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Selangor | 6,000 | 30.30 | 1,818 | 32.64 | 1,958 |
| 19 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Sembilan | 6,000 | 16.05 | 963 | 40.35 | 2,421 |
| 20 | Sektor Teknologi, Lembaga Pembangunan Industri Pembinaan Malaysia | 6,000 | 28.62 | 1,717 | 76.60 | 4,596 |

3.5 Recommendation for upgrading circuits exceed threshold based on 95% percentile for 3 consecutive months:

| No | Circuit Name | Speed (Kbps) | May % | June % | July % |
|----|--|--------------|-------|--------|--------|
| 1 | CIDB Negeri Kelantan | 6,000 | 99.46 | 99.47 | 99.34 |
| 2 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Cawangan Sandakan | 2,000 | 99.43 | 99.30 | 98.41 |

4. HELPDESK SUMMARY

4.1 There are total of 3 Tickets Report (TR) with status closed.

Figure 2: Summary of Tickets Report (TR) by Ticket Category

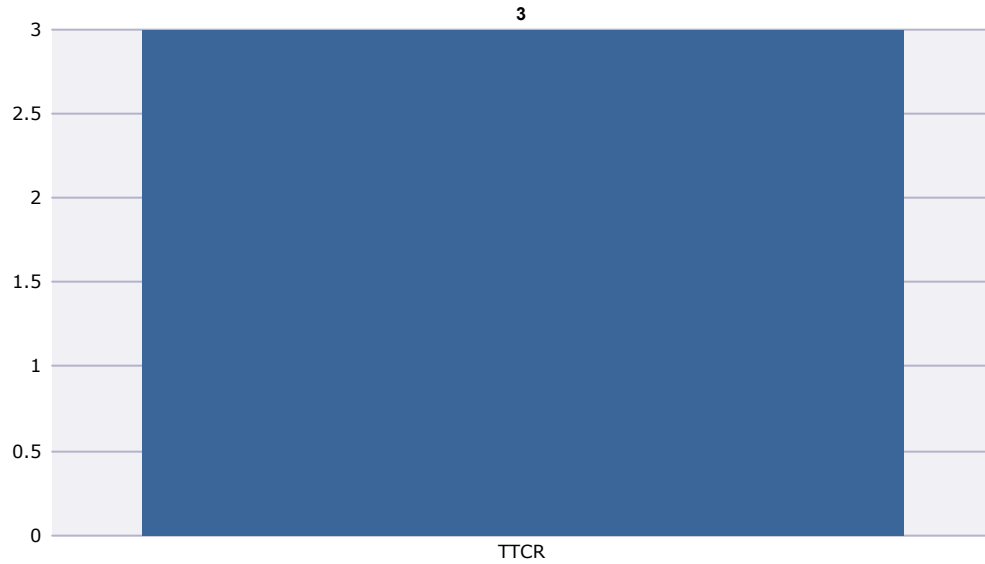
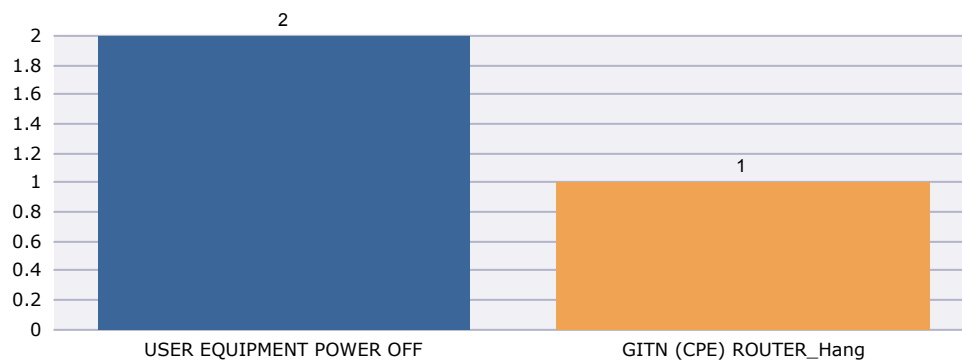


Figure 3: Summary of Tickets Report (TR) by Closure Code



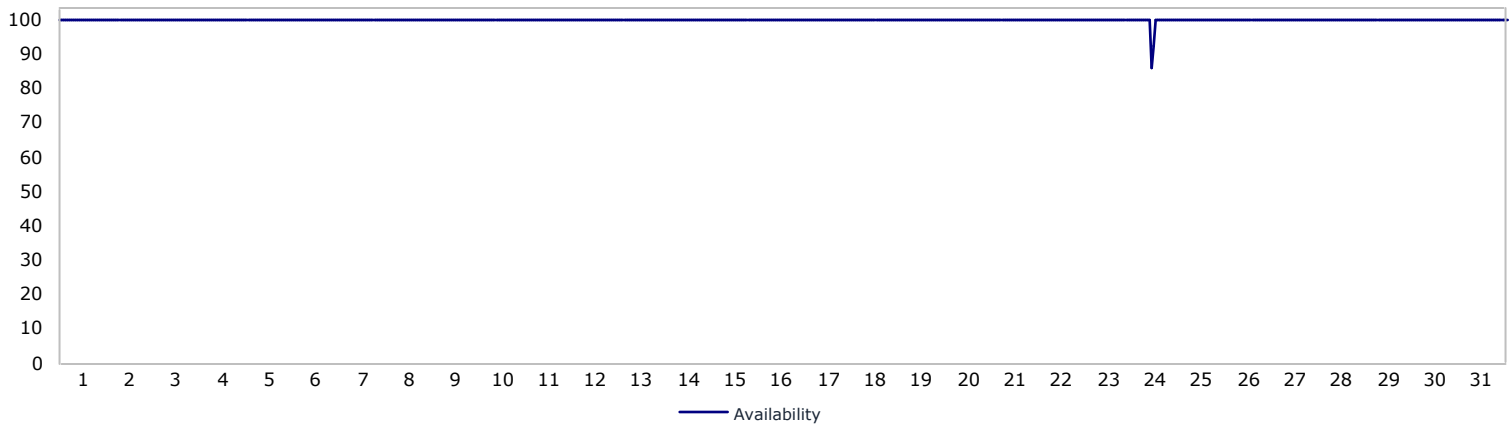
4.2 List of Tickets Report (TR) for July 2018

| No | Ticket Category | Ticket No | Site Name | Problem Title | Action Resolution | Fault Category | Technology | Open Date | Closed Date | Outage HH:MM:SS | Hold Time HH:MM:SS | Resolution Time HH:MM:SS |
|----|-----------------|-----------|---|--|-------------------|--------------------------|------------------------|------------------|------------------|-----------------|--------------------|--------------------------|
| 1 | TTCR | IM187088 | CIDB Negeri Kedah | Detected Line Down. SAMS critical alarm created on Jul 9, 2018 2:46:51 PM | USER - On Demand | USER EQUIPMENT POWER OFF | IPVPN Over Leased Line | 7/09/18 15:04:48 | 7/09/18 16:20:29 | 01:15:36 | 00:00:00 | 01:15:36 |
| 2 | TTCR | IM188659 | CIDB Tawau | Detected line down SAMS critical alarm created on Jul 23, 2018 8:07:15 AM SGT | Power - Failure | GITN (CPE) ROUTER_Hang | IPVPN Over Metro-E | 7/23/18 09:12:44 | 7/23/18 11:00:02 | 01:47:24 | 01:39:36 | 00:07:48 |
| 3 | TTCR | IM189282 | Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Cawangan Bintulu | Detected line DOWN. SAMS critical alarm created on Jul 27, 2018 2:51:47 PM SGT | Power - Failure | USER EQUIPMENT POWER OFF | IPVPN Over Metro-E | 7/27/18 15:22:54 | 7/27/18 15:23:50 | 00:01:12 | 00:00:00 | 00:01:12 |

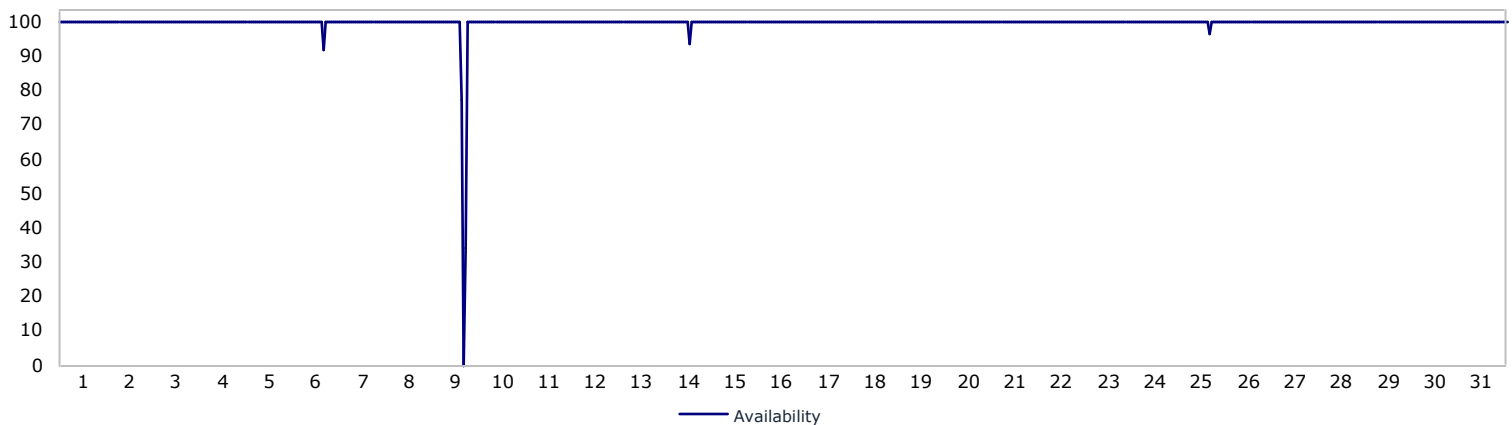
APPENDIX

Availability Graph for July 2018

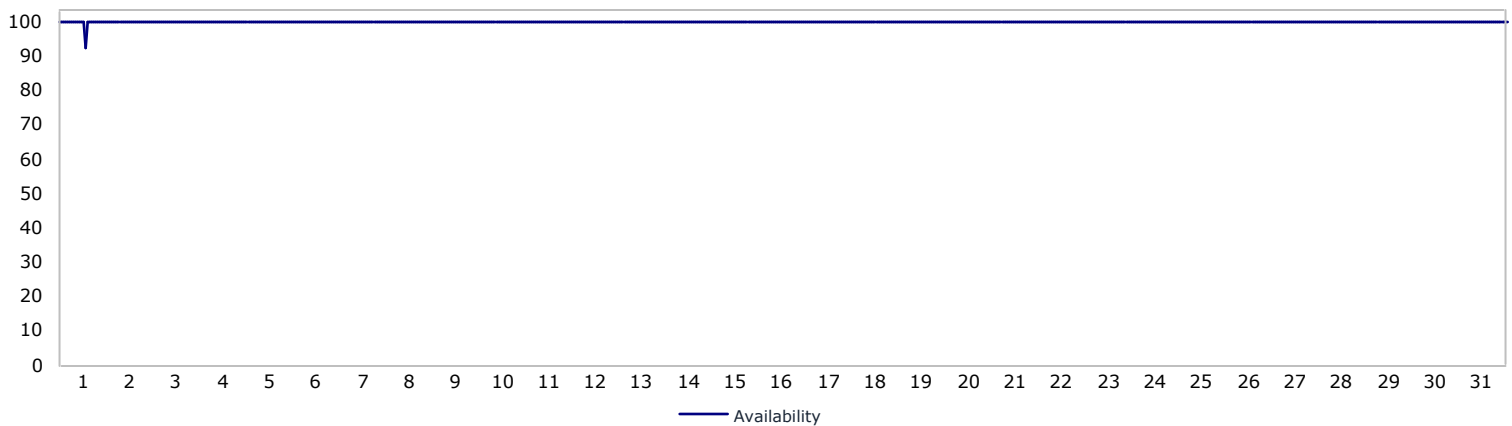
1 CIDB Miri

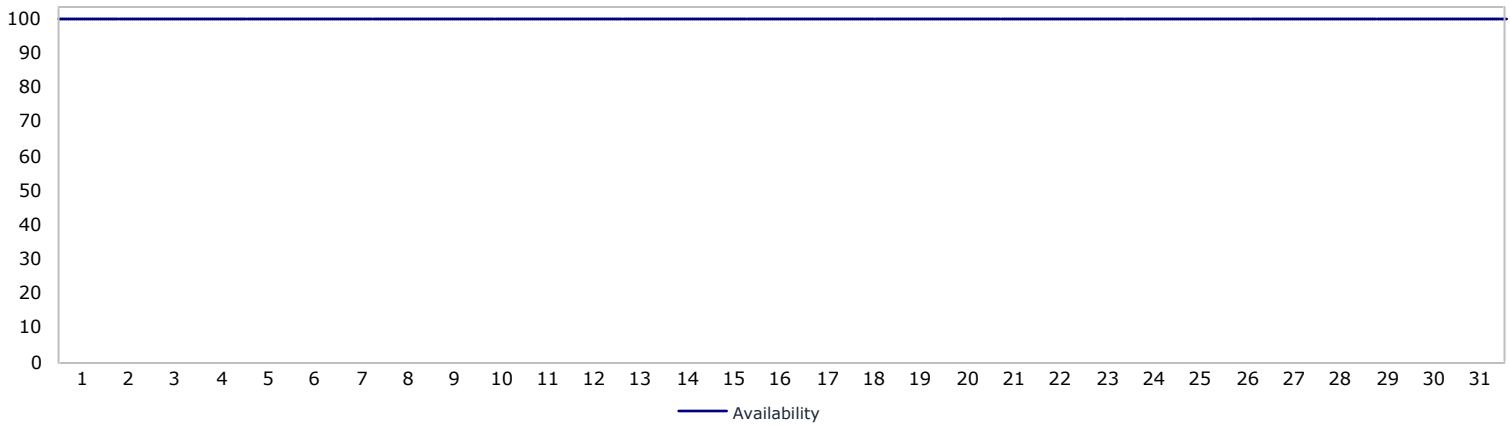
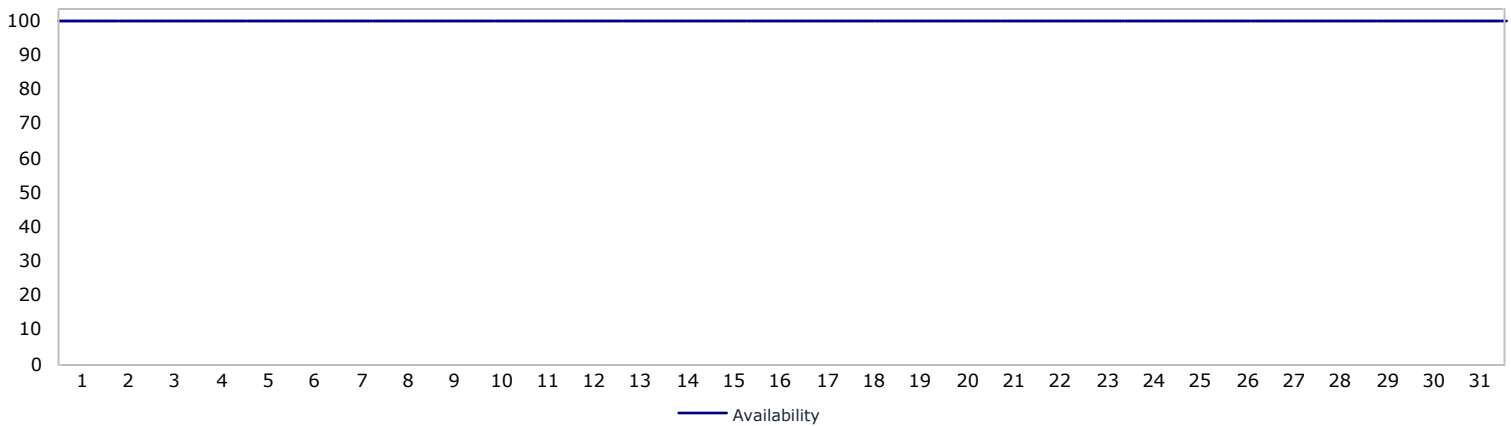
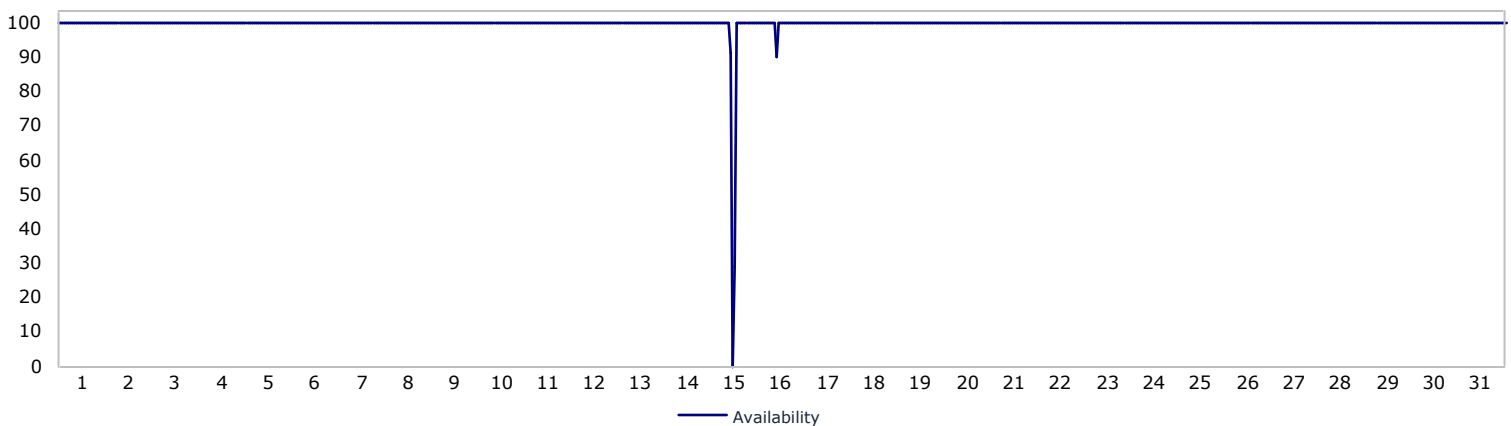
Availability : 100.0%*Technology : IPME , Speed : 2,000 Kbps , SLG : 99.7%*

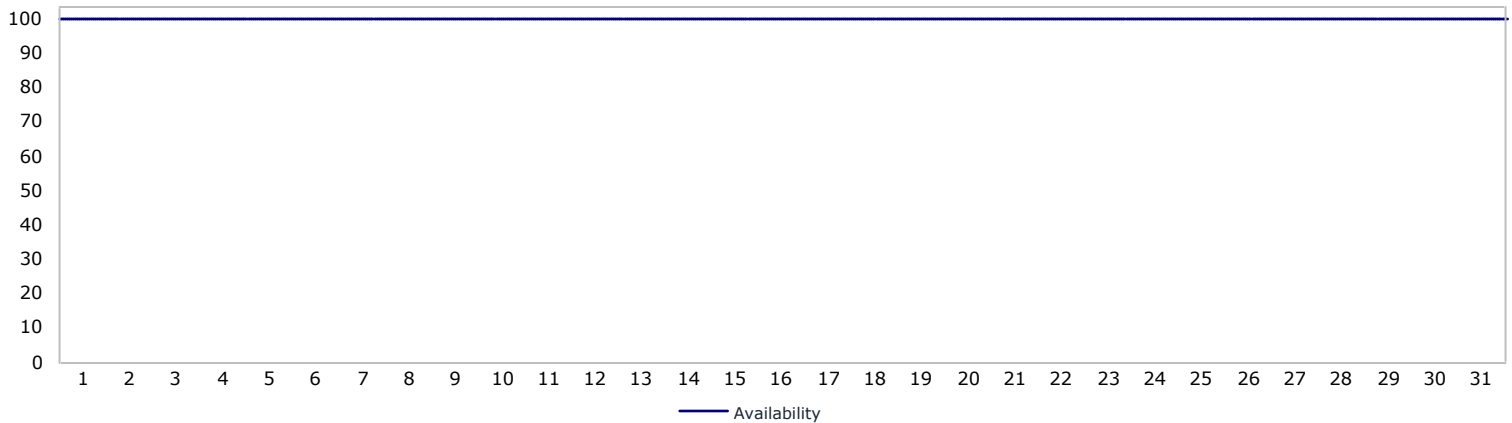
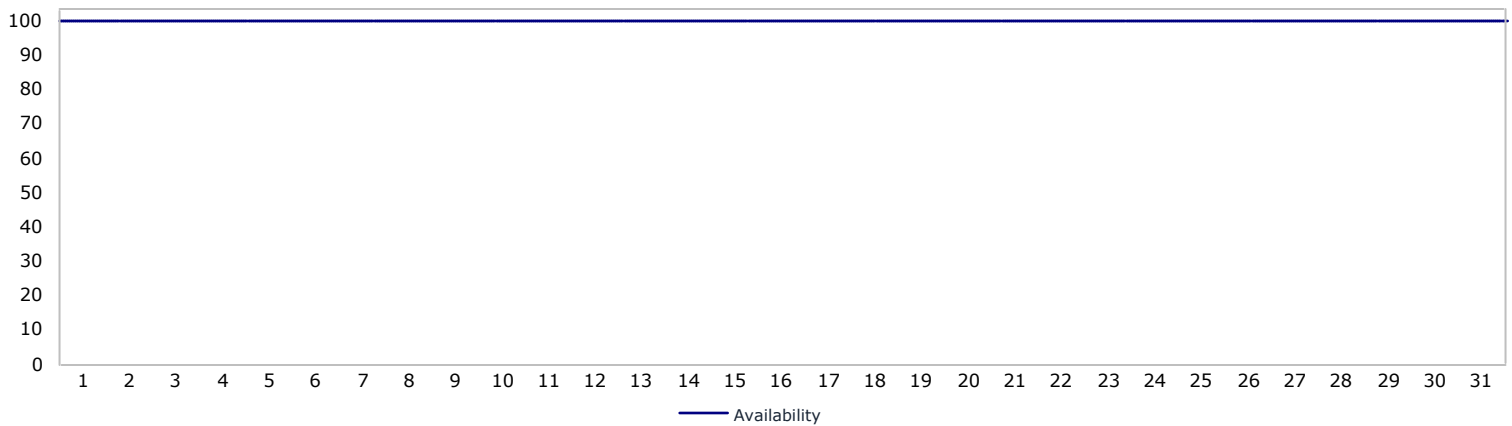
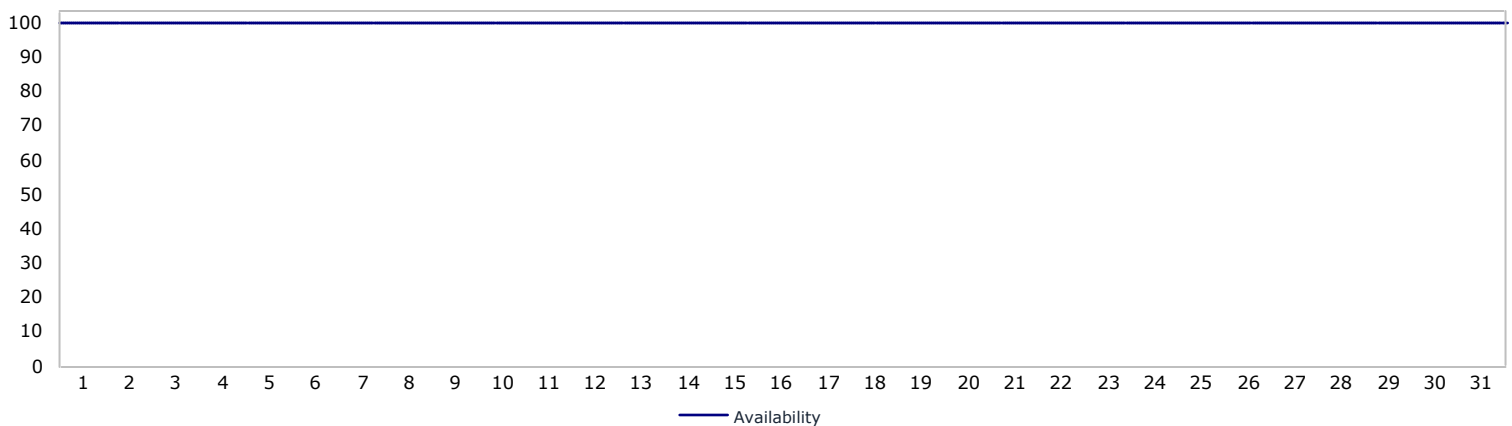
2 CIDB Negeri Kedah

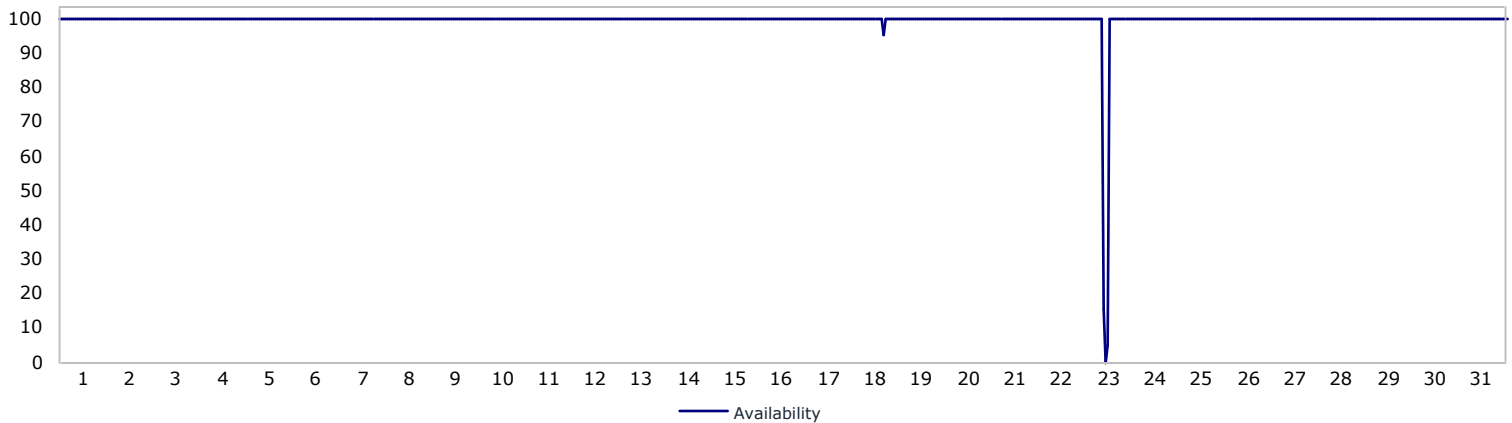
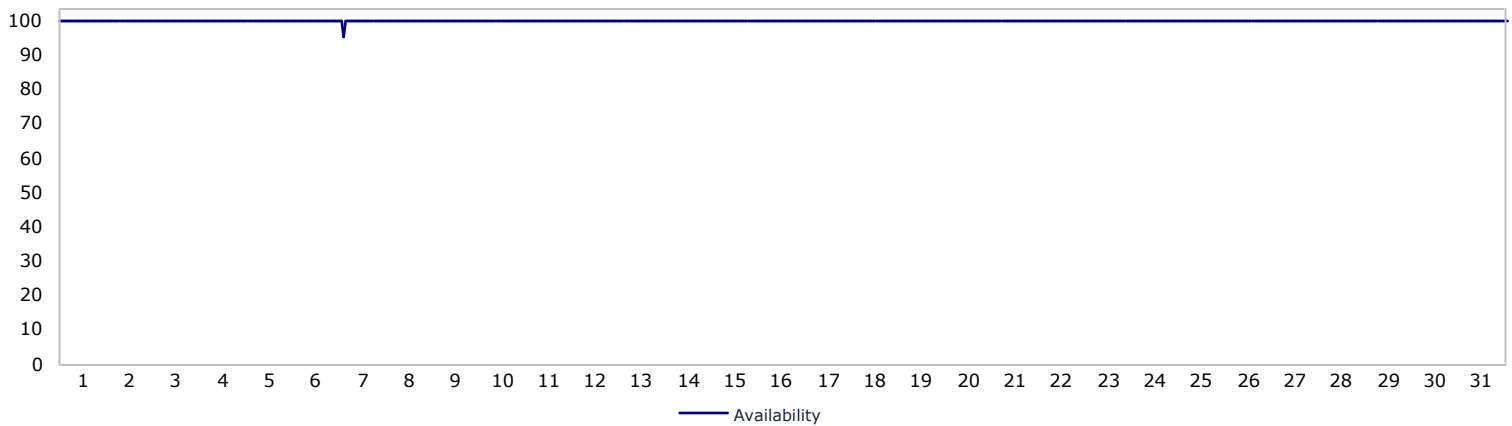
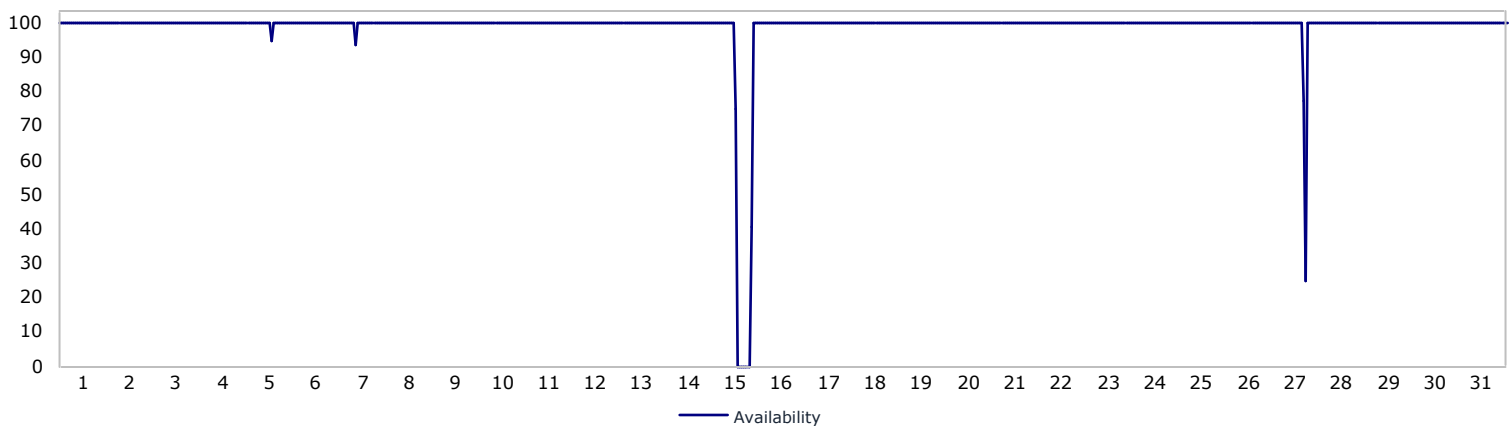
Availability : 99.7%*Technology : IPLL , Speed : 2,000 Kbps , SLG : 99.7%*

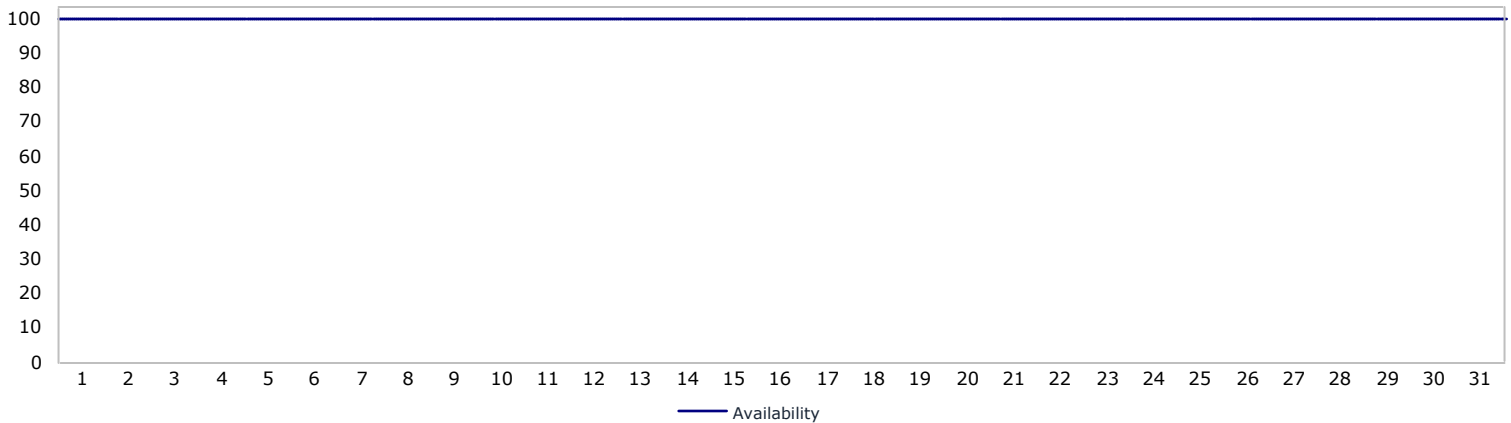
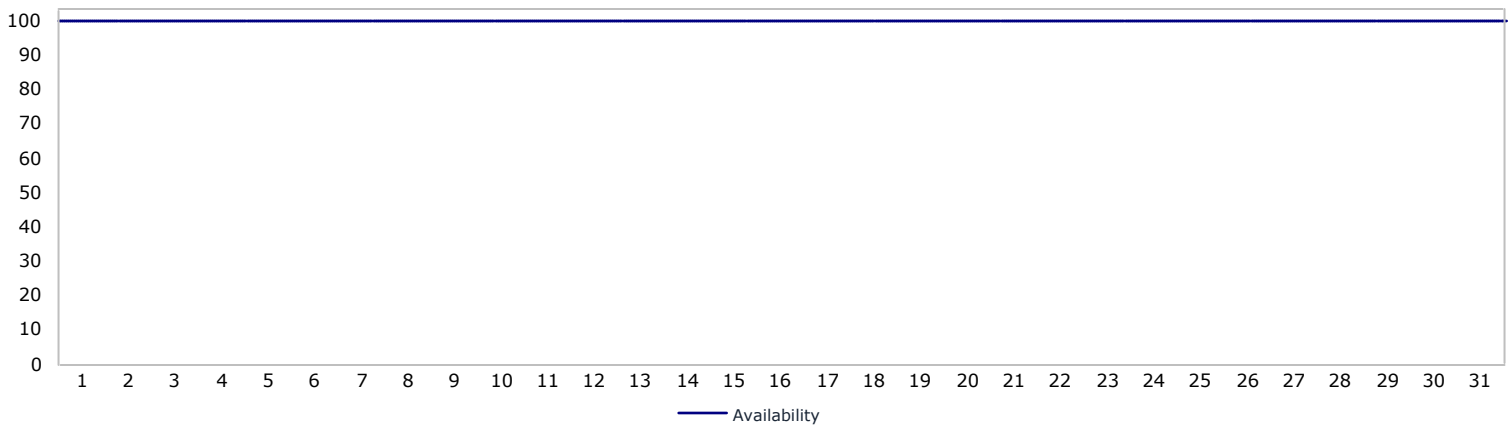
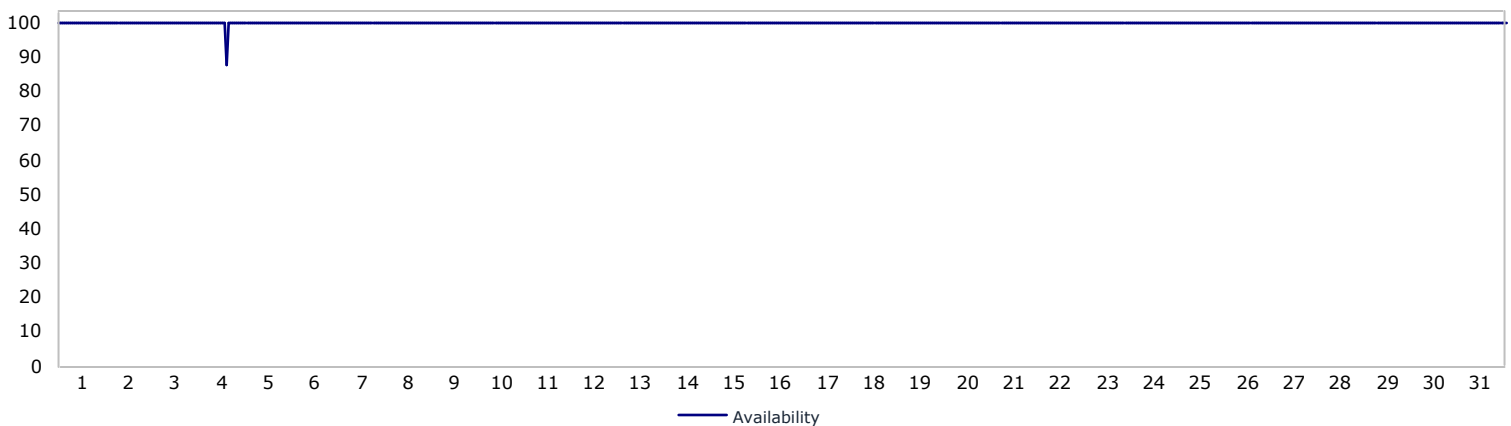
3 CIDB Negeri Kelantan

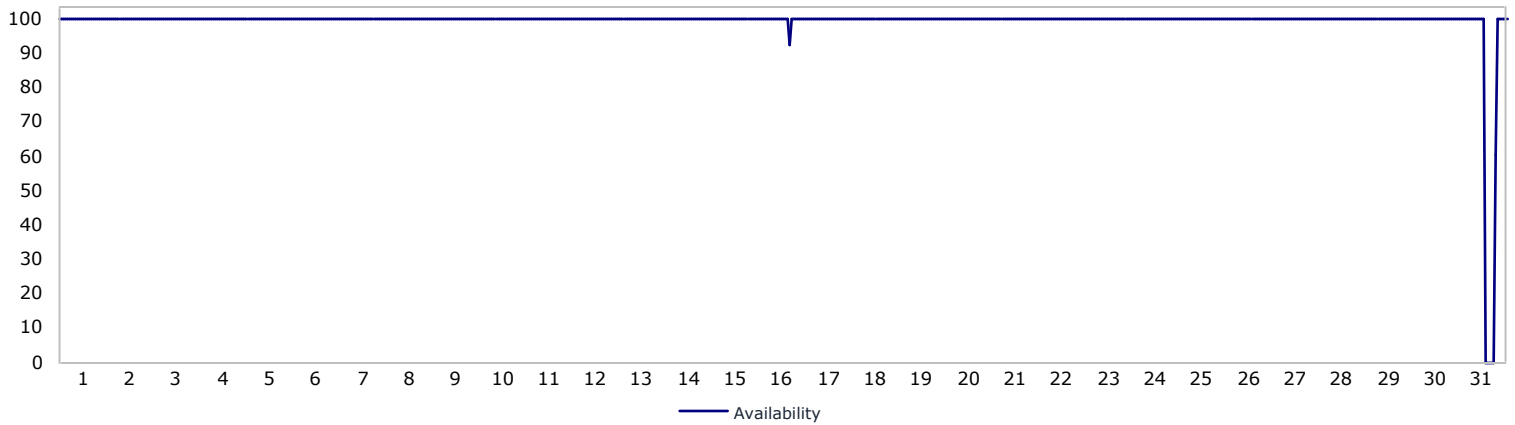
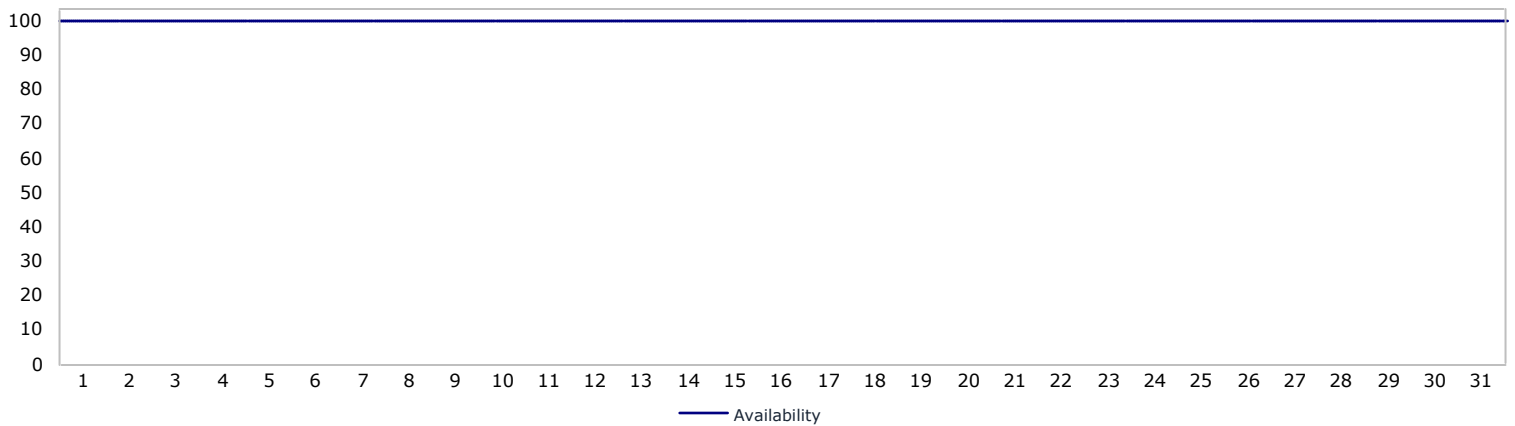
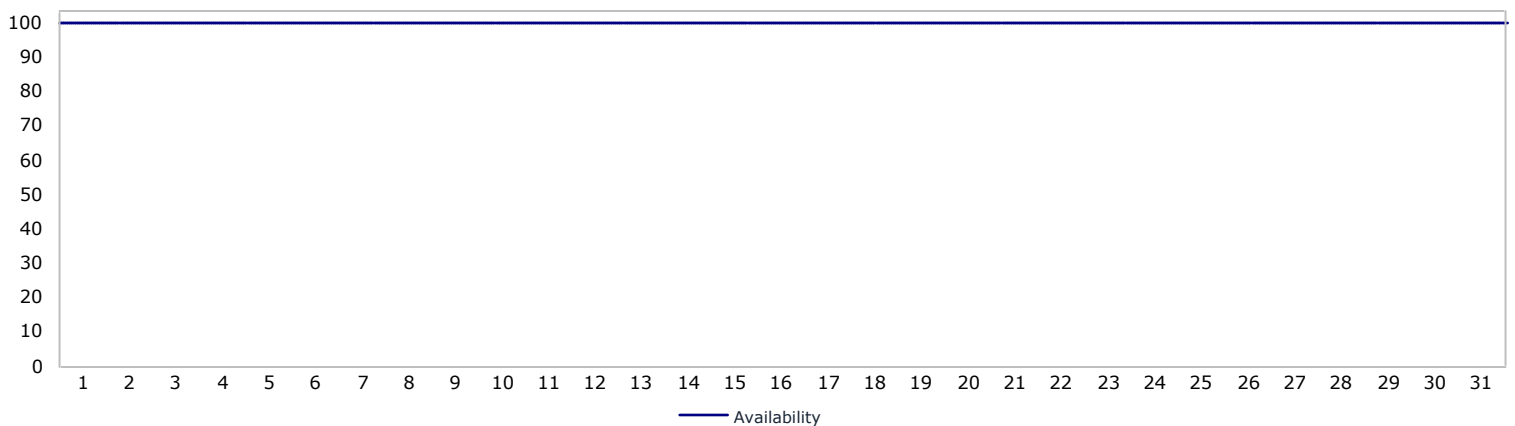
Availability : 100.0%*Technology : IPME , Speed : 6,000 Kbps , SLG : 99.7%*

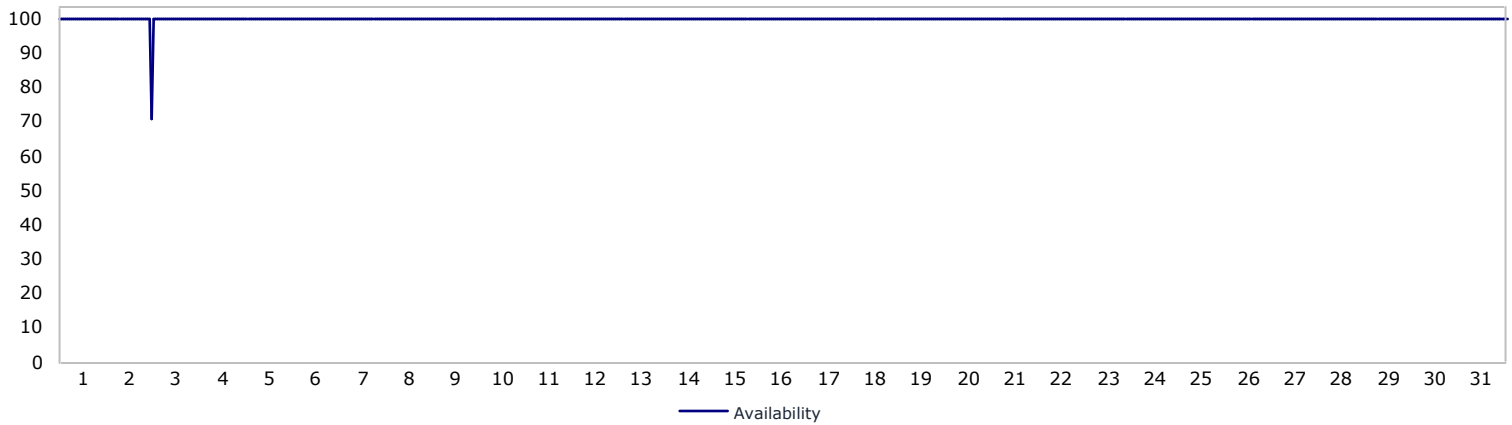
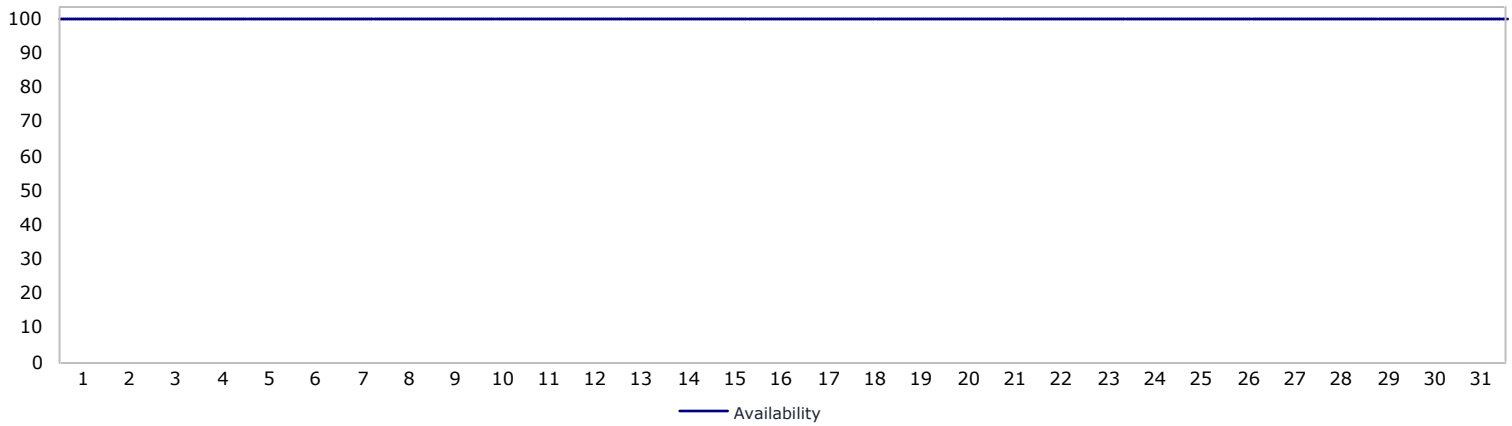
4 CIDB Negeri Melaka**Availability : 100.0%***Technology : IPLL , Speed : 2,000 Kbps , SLG : 99.7%***5 CIDB Negeri Pahang****Availability : 100.0%***Technology : IPME , Speed : 2,000 Kbps , SLG : 99.7%***6 CIDB Negeri Perak****Availability : 99.7%***Technology : IPLL , Speed : 2,000 Kbps , SLG : 99.7%*

7 CIDB Negeri Pulau Pinang**Availability : 100.0%***Technology : IPLL , Speed : 2,000 Kbps , SLG : 99.7%***8 CIDB Negeri Sabah****Availability : 100.0%***Technology : IPME , Speed : 2,000 Kbps , SLG : 99.7%***9 CIDB Negeri Terengganu****Availability : 100.0%***Technology : IPLL , Speed : 2,000 Kbps , SLG : 99.7%*

10 CIDB Tawau**Availability : 99.6%***Technology : IPLL , Speed : 2,000 Kbps , SLG : 99.7%***11 Ibu Pejabat CIDB****Availability : 100.0%***Technology : IPME , Speed : 20,000 Kbps , SLG : 99.9%***12 Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Cawangan Bintulu****Availability : 98.9%***Technology : IPME , Speed : 2,000 Kbps , SLG : 99.7%*

13 Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Cawangan Sandakan**Availability : 100.0%***Technology : IPME , Speed : 2,000 Kbps , SLG : 99.7%***14 Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Kuala Lumpur****Availability : 100.0%***Technology : IPME , Speed : 6,000 Kbps , SLG : 99.7%***15 Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Johor****Availability : 100.0%***Technology : IPME , Speed : 2,000 Kbps , SLG : 99.7%*

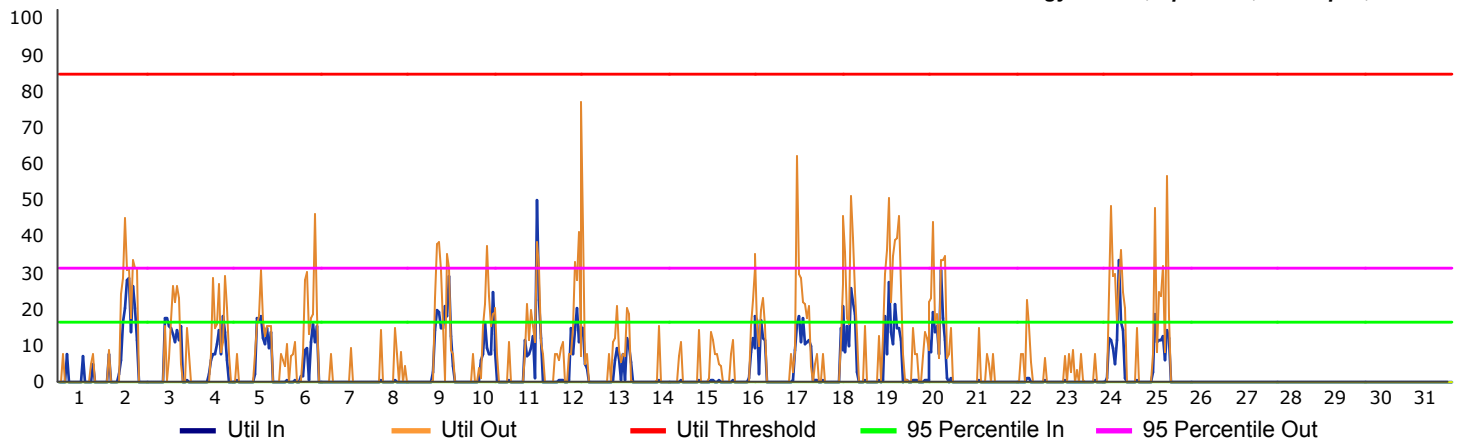
16 Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Perlis**Availability : 99.3%***Technology : IPME , Speed : 2,000 Kbps , SLG : 99.7%***17 Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Sarawak****Availability : 100.0%***Technology : IPME , Speed : 6,000 Kbps , SLG : 99.7%***18 Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Selangor****Availability : 100.0%***Technology : IPME , Speed : 6,000 Kbps , SLG : 99.7%*

19 Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Sembilan**Availability : 100.0%***Technology : IPME , Speed : 6,000 Kbps , SLG : 99.7%***20 Sektor Teknologi, Lembaga Pembangunan Industri Pembinaan Malaysia****Availability : 100.0%***Technology : IPME , Speed : 6,000 Kbps , SLG : 99.7%*

Utilization Graph for July 2018

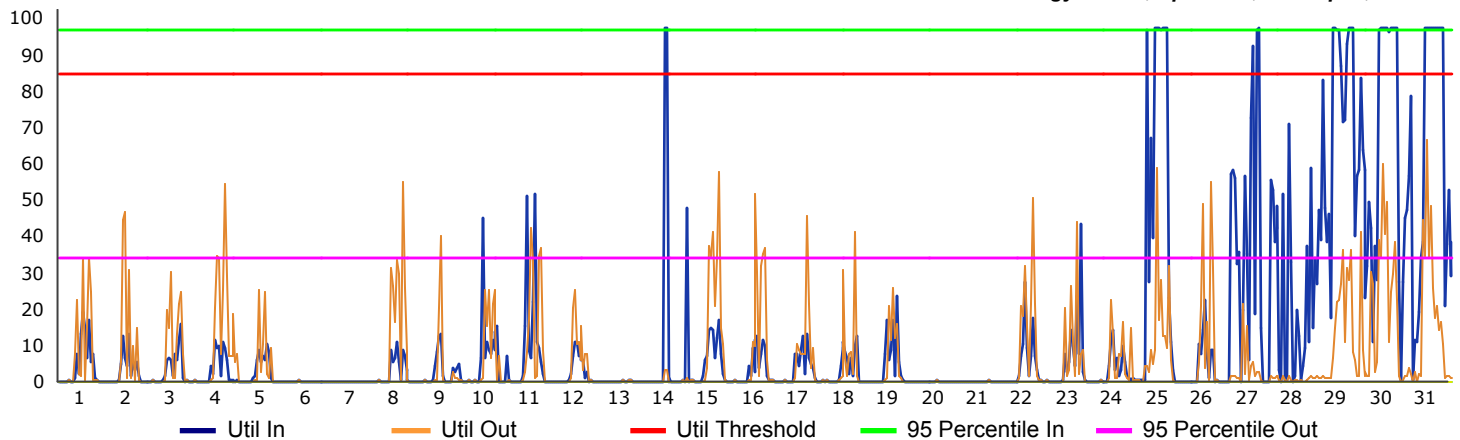
1 CIDB Miri

Max In : 50.30% | 95 Percentile In: 16.81%
Max Out : 76.95% | 95 Percentile Out: 31.32%
Technology : IPME , Speed : 2,000 Kbps , SLG : 99.7%



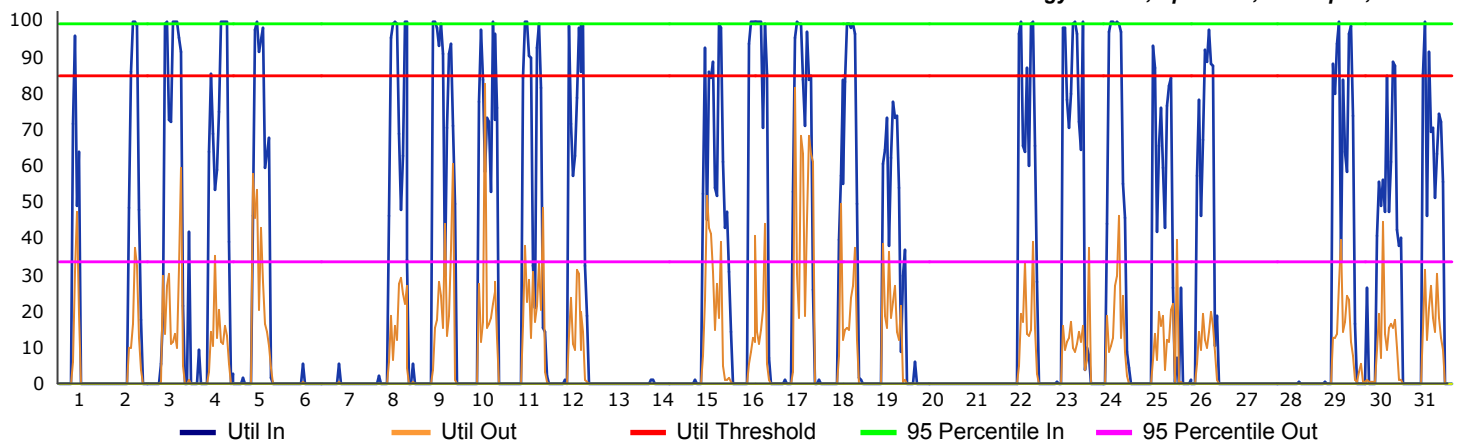
2 CIDB Negeri Kedah

Max In : 97.35% | 95 Percentile In: 96.62%
Max Out : 66.60% | 95 Percentile Out: 34.38%
Technology : IPLL , Speed : 2,000 Kbps , SLG : 99.7%



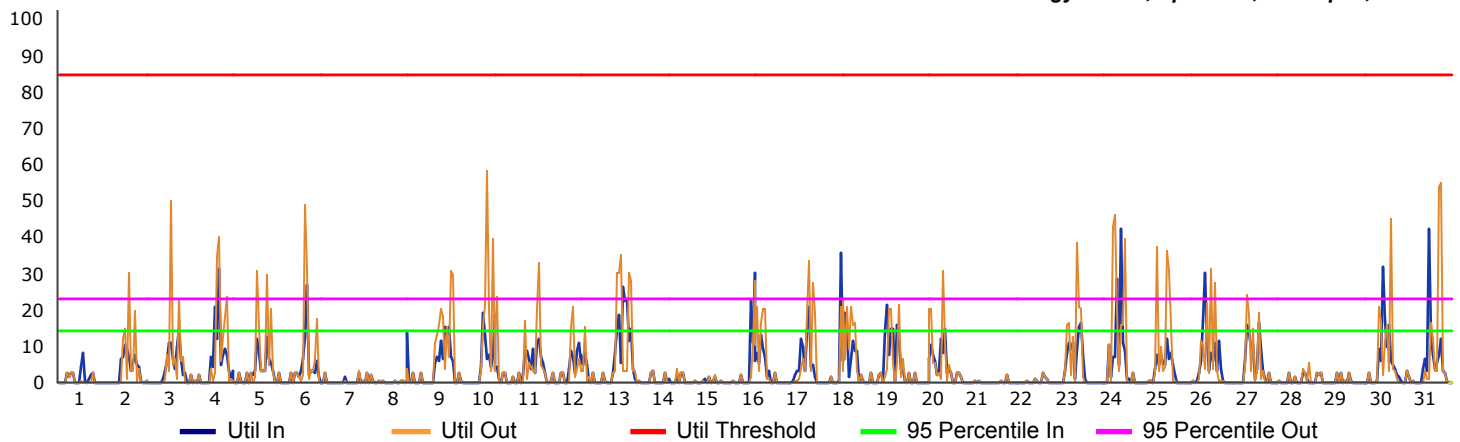
3 CIDB Negeri Kelantan

Max In : 99.56% | 95 Percentile In: 99.34%
Max Out : 82.78% | 95 Percentile Out: 33.86%
Technology : IPME , Speed : 6,000 Kbps , SLG : 99.7%

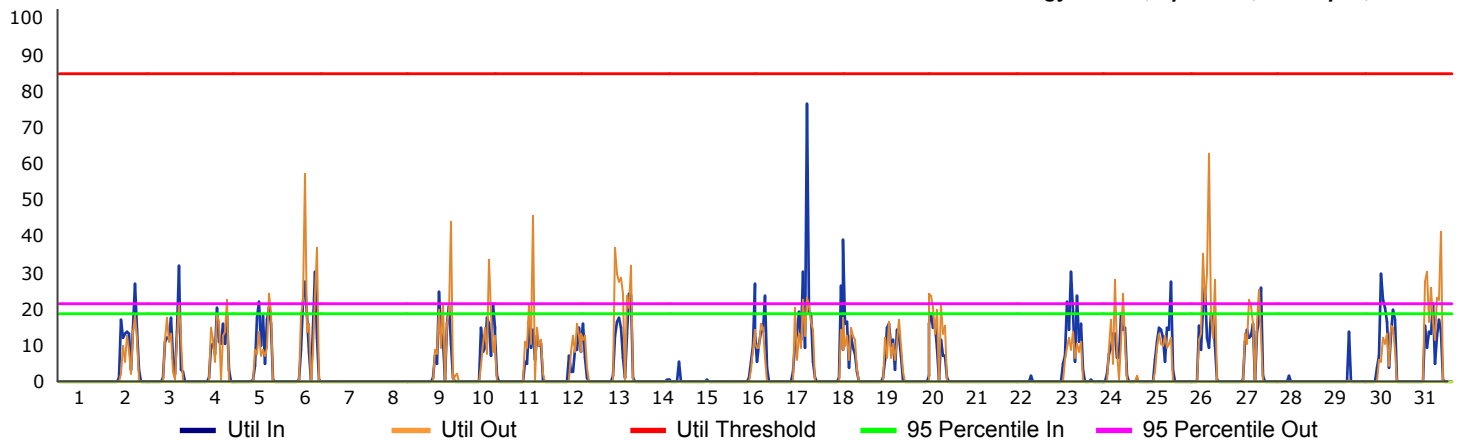


4 CIDB Negeri Melaka

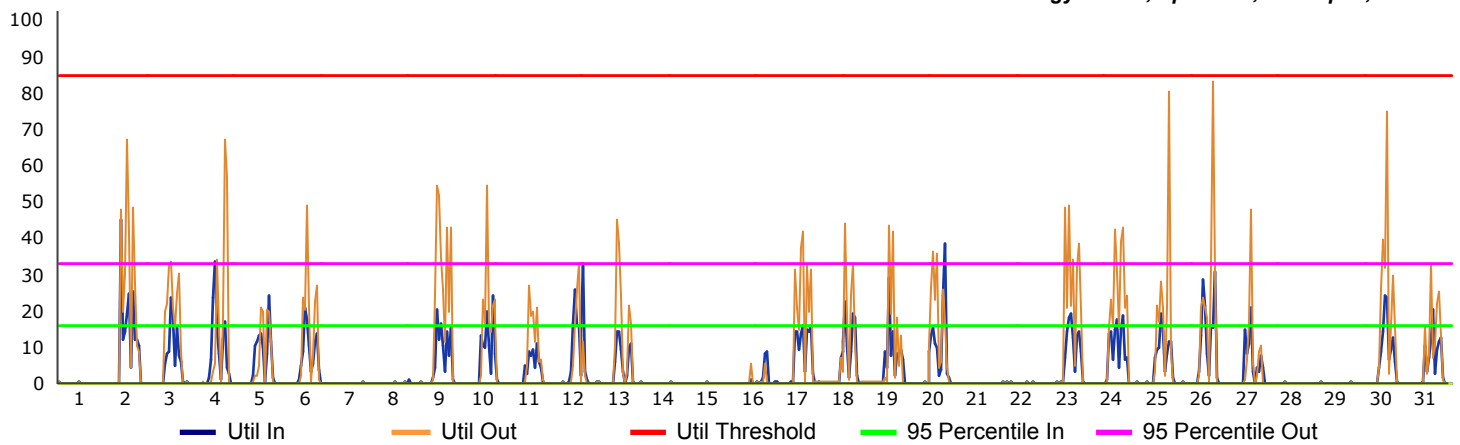
Max In : 42.58% | 95 Percentile In: 14.50%
Max Out : 58.24% | 95 Percentile Out: 23.28%
Technology : IPLL , Speed : 2,000 Kbps , SLG : 99.7%

**5 CIDB Negeri Pahang**

Max In : 76.34% | 95 Percentile In: 18.61%
Max Out : 62.55% | 95 Percentile Out: 21.41%
Technology : IPME , Speed : 2,000 Kbps , SLG : 99.7%

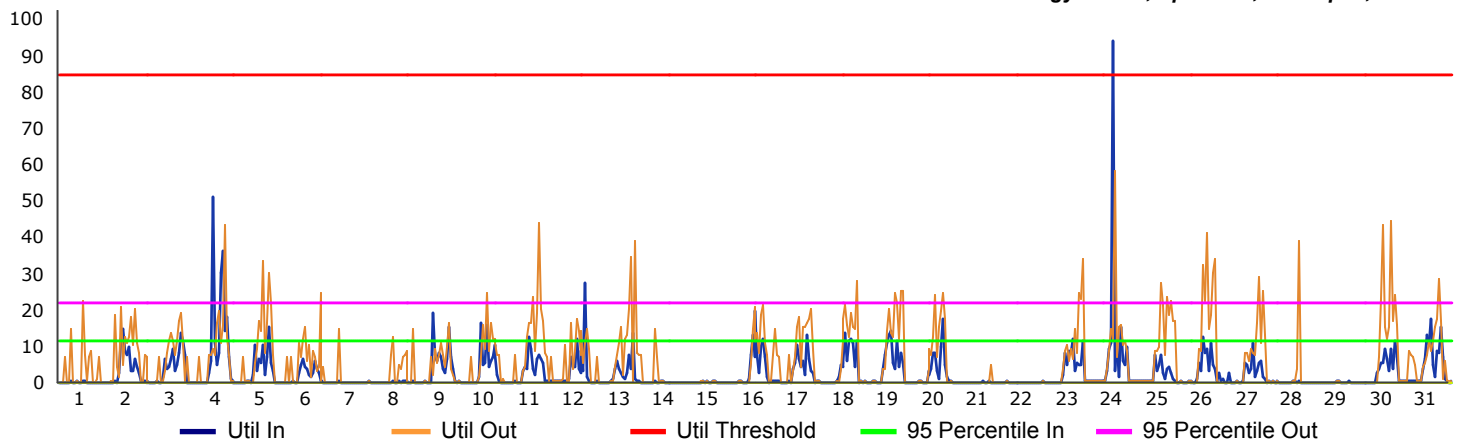
**6 CIDB Negeri Perak**

Max In : 45.29% | 95 Percentile In: 16.23%
Max Out : 83.03% | 95 Percentile Out: 32.98%
Technology : IPLL , Speed : 2,000 Kbps , SLG : 99.7%

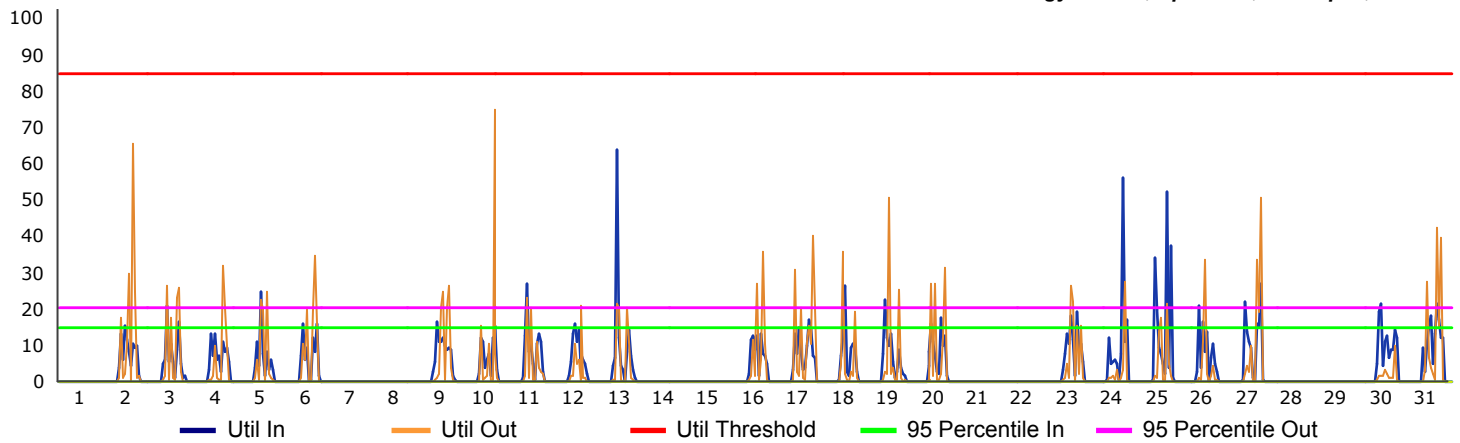


7 CIDB Negeri Pulau Pinang

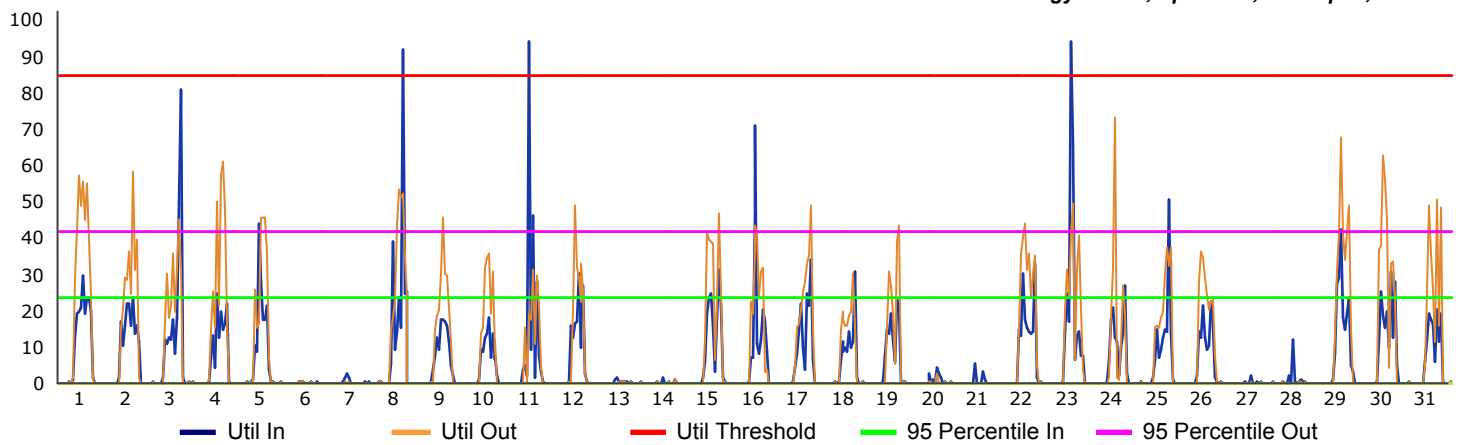
Max In : 94.12% | 95 Percentile In: 11.54%
Max Out : 58.65% | 95 Percentile Out: 21.88%
Technology : IPLL , Speed : 2,000 Kbps , SLG : 99.7%

**8 CIDB Negeri Sabah**

Max In : 63.93% | 95 Percentile In: 14.90%
Max Out : 74.78% | 95 Percentile Out: 20.75%
Technology : IPME , Speed : 2,000 Kbps , SLG : 99.7%

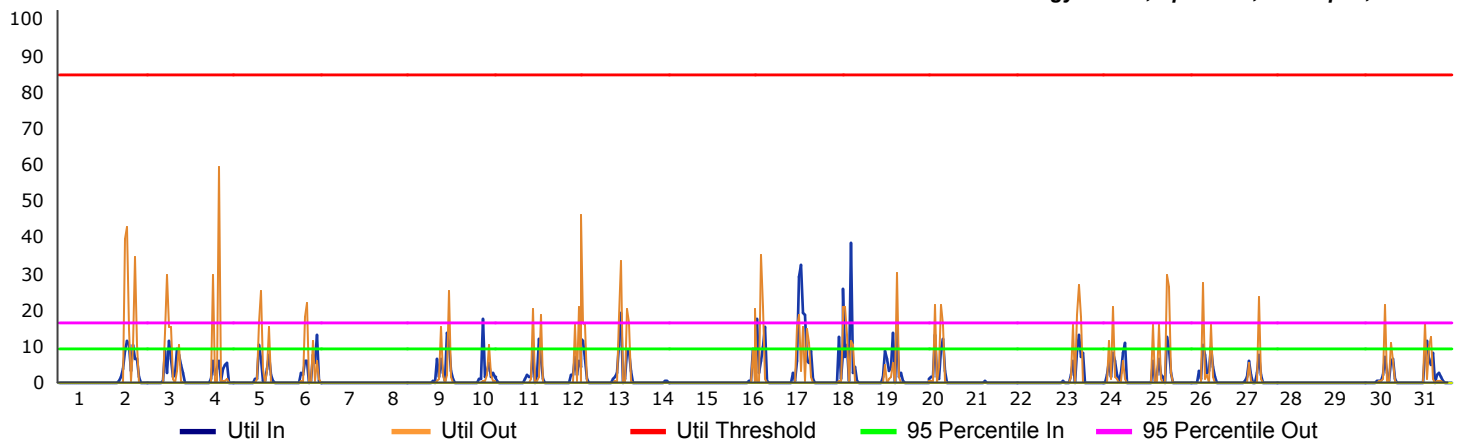
**9 CIDB Negeri Terengganu**

Max In : 94.38% | 95 Percentile In: 23.80%
Max Out : 73.23% | 95 Percentile Out: 41.86%
Technology : IPLL , Speed : 2,000 Kbps , SLG : 99.7%

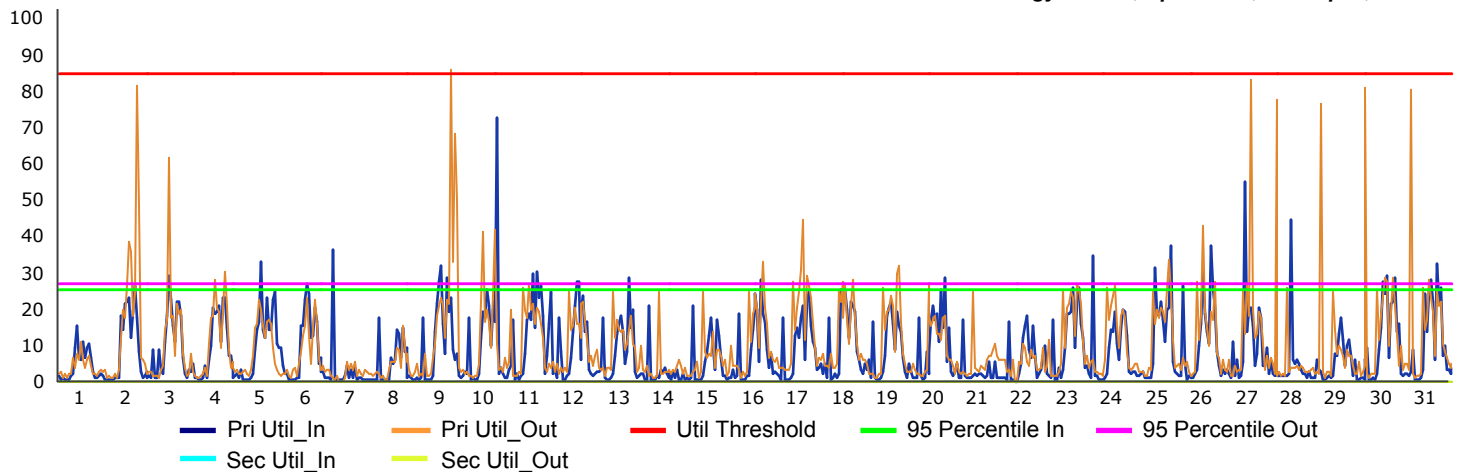


10 CIDB Tawau

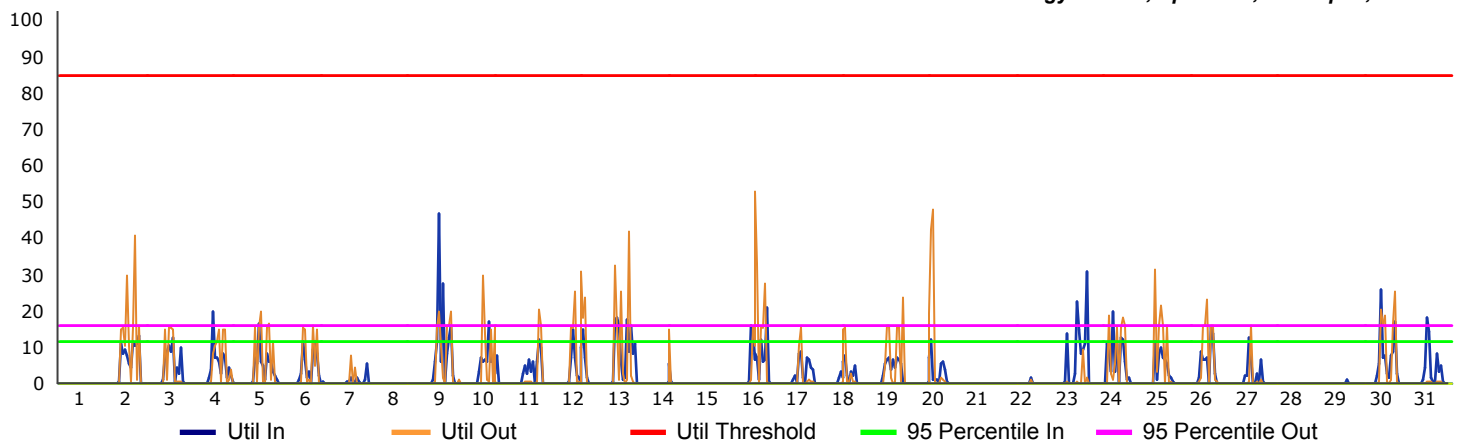
Max In : 38.65% | 95 Percentile In: 9.26%
Max Out : 59.32% | 95 Percentile Out: 16.63%
Technology : IPLL , Speed : 2,000 Kbps , SLG : 99.7%

**11 Ibu Pejabat CIDB**

Max In : 72.85% | 95 Percentile In: 25.25%
Max Out : 85.69% | 95 Percentile Out: 27.00%
Technology : IPME , Speed : 20,000 Kbps , SLG : 99.9%

**12 Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Cawangan Bintulu**

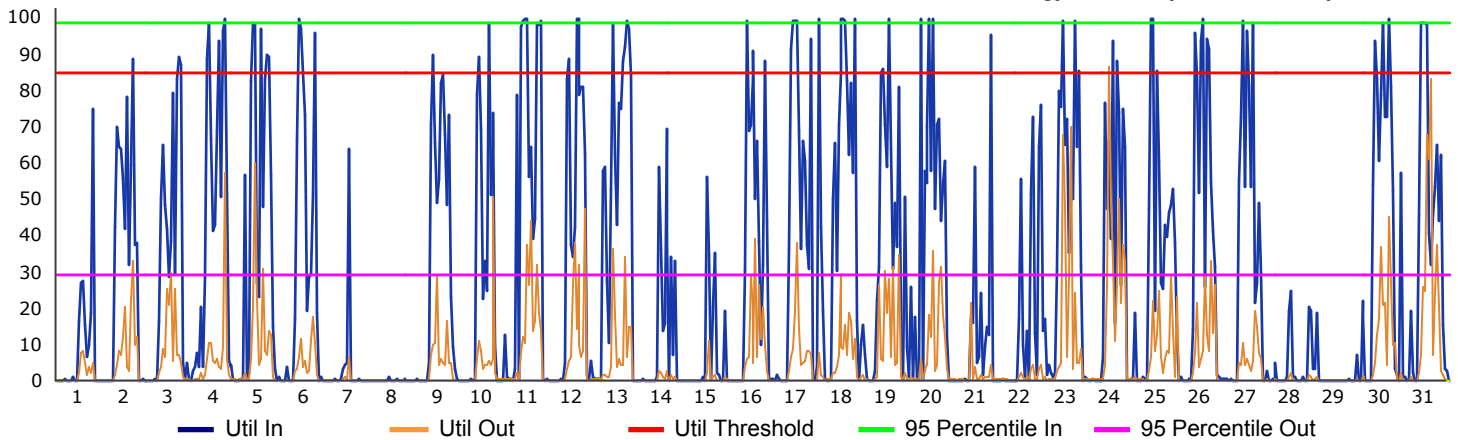
Max In : 46.66% | 95 Percentile In: 11.66%
Max Out : 52.67% | 95 Percentile Out: 16.03%
Technology : IPME , Speed : 2,000 Kbps , SLG : 99.7%



13 Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Cawangan Sandakan

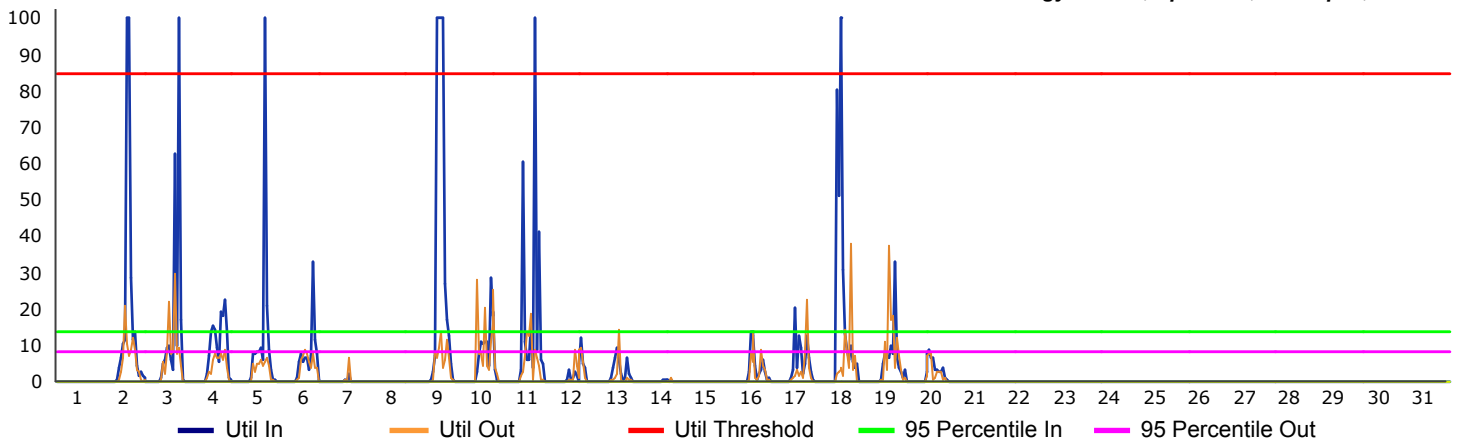
Max In : 99.71% | 95 Percentile In: 98.41%
Max Out : 86.32% | 95 Percentile Out: 29.46%

Technology : IPME , Speed : 2,000 Kbps , SLG : 99.7%

**14 Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Kuala Lumpur**

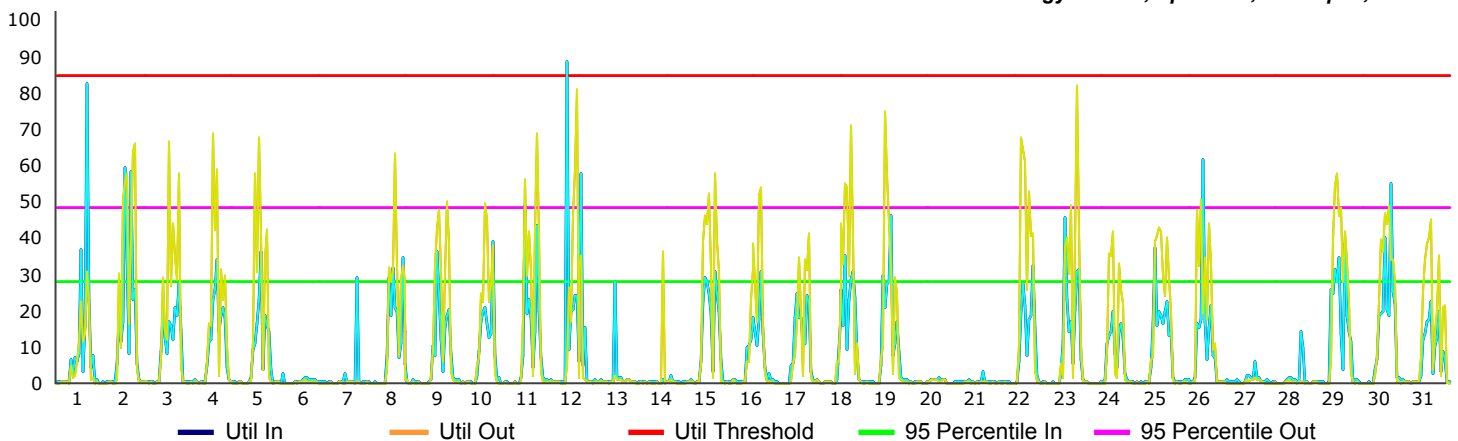
Max In : 100.00% | 95 Percentile In: 13.79%
Max Out : 38.06% | 95 Percentile Out: 8.39%

Technology : IPME , Speed : 6,000 Kbps , SLG : 99.7%

**15 Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Johor**

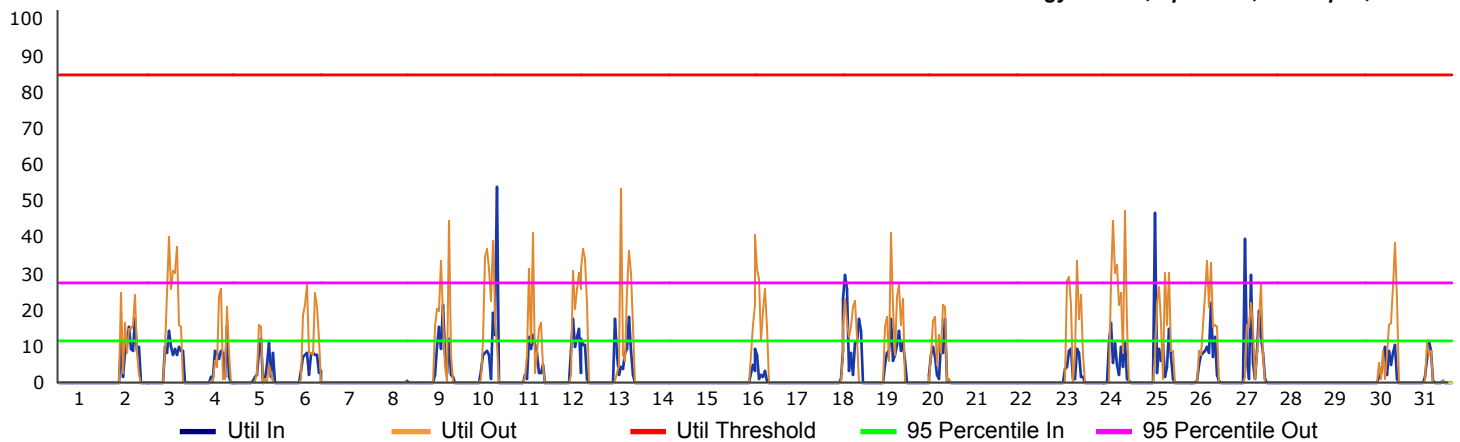
Max In : 88.56% | 95 Percentile In: 28.20%
Max Out : 82.12% | 95 Percentile Out: 48.69%

Technology : IPME , Speed : 2,000 Kbps , SLG : 99.7%

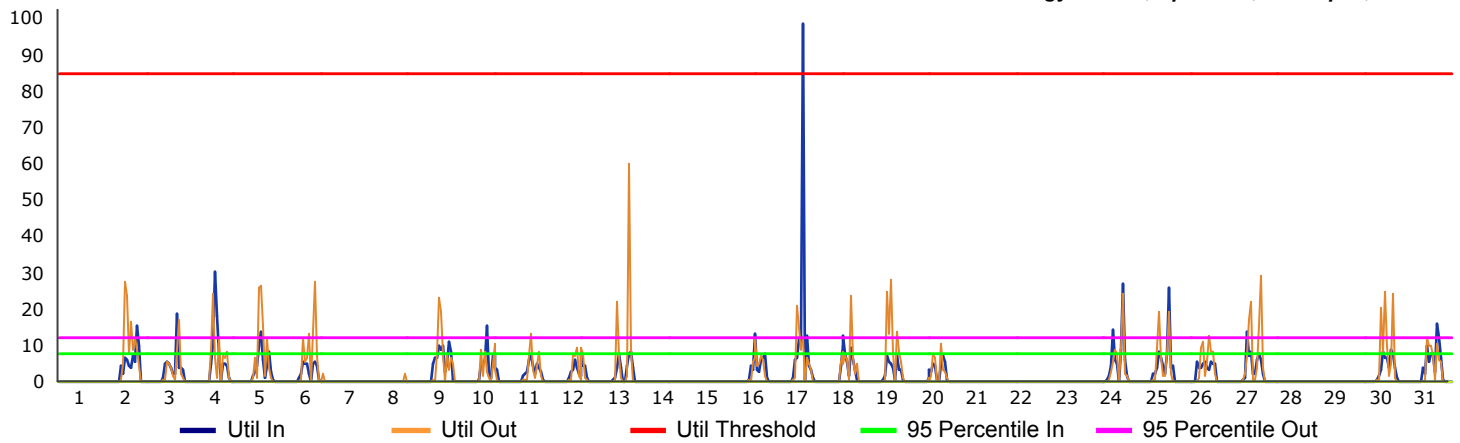


16 Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Perlis

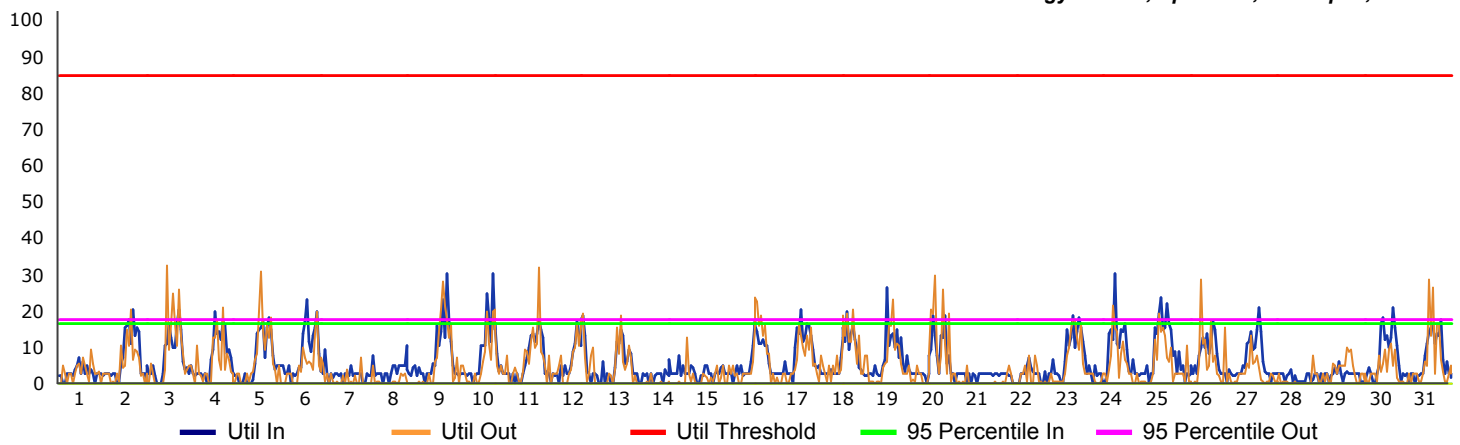
Max In : 54.08% | 95 Percentile In: 11.79%
Max Out : 53.57% | 95 Percentile Out: 27.47%
Technology : IPME , Speed : 2,000 Kbps , SLG : 99.7%

**17 Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Sarawak**

Max In : 98.62% | 95 Percentile In: 8.02%
Max Out : 59.87% | 95 Percentile Out: 12.24%
Technology : IPME , Speed : 6,000 Kbps , SLG : 99.7%

**18 Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Selangor**

Max In : 30.30% | 95 Percentile In: 16.90%
Max Out : 32.64% | 95 Percentile Out: 17.64%
Technology : IPME , Speed : 6,000 Kbps , SLG : 99.7%

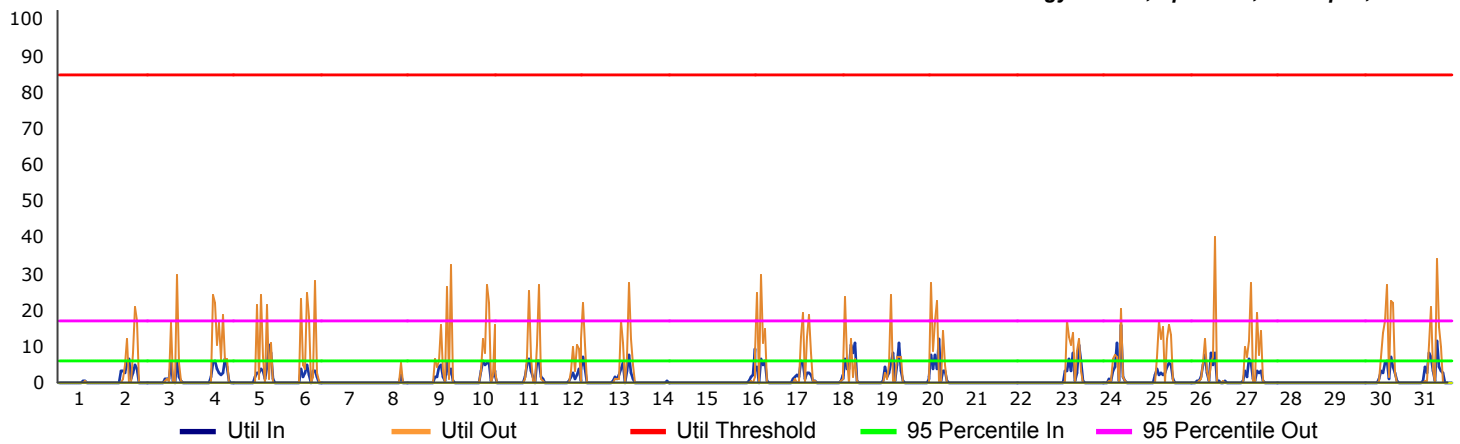


19 Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Negeri Sembilan

Max In : 16.05% | 95 Percentile In: 6.14%

Max Out : 40.35% | 95 Percentile Out: 17.32%

Technology : IPME , Speed : 6,000 Kbps , SLG : 99.7%

**20 Sektor Teknologi, Lembaga Pembangunan Industri Pembinaan Malaysia**

Max In : 28.62% | 95 Percentile In: 6.73%

Max Out : 76.60% | 95 Percentile Out: 48.52%

Technology : IPME , Speed : 6,000 Kbps , SLG : 99.7%

