

LAMPIRAN 1
SPESIFIKASI PERANGKAT

1) SERVER

Spesifikasi PC Server HP ML110G7-SATA

Spesifikasi	Keterangan
<i>Processor</i>	Quad Core Intel® Xeon® E3-1220 (3.10GHz/4-core/8MB/80W, 1333, Turbo 1/2/3/4)
RAM	2GB (1x2GB) PC3-10600E DDR3 UB ECC NOTE: Total 4 DIMM slots
Kapasitas Hard Disk	1 x 250GB 3.5" Non-hot plug SATA
<i>Operating System</i>	CentOS 5.5
NIC	10 Gb/detik (2 buah)
VGA	<i>Integrated</i> Matrox G200eH, 16MB video standard 16 bit color: <i>maximum resolution of</i> 1920 x 1200 32 bit color: <i>maximum resolution of</i> 1280 x 1024
<i>Port USB</i>	Ada, 2 x 4 buah port

Sumber: HP, 2014



Gambar Server Proliant

2) ROUTER

Spesifikasi Router DAP FT-UB

Spesifikasi	Keterangan
CPU	PPC460GT 1000MHz
<i>Main Storage/NAND</i>	64MB
RAM	512MB
<i>SFP Ports</i>	0
<i>LAN Ports</i>	10
<i>Gigabit</i>	Ada
<i>Power Jack</i>	110/220V

<i>RouterOS License</i>	Level6
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Gambar Router Juniper

3) Modem

Spesifikasi Modem Prolink PHS 300

Spesifikasi	Keterangan
<i>Standards</i>	Support HSDPA/UMTS 2100 MHz (850MHz/900MHz/1900MHz optional), GSM/GPRS/EDGE
<i>Bandwidth Rate</i>	DL up to 7.2 Mbps, UL up to 5.76 Mbps
<i>Operating Temperature</i>	-20°C ~ 55°C
<i>Storage Temperature</i>	-30°C ~ 65°C
<i>Interface</i>	USB

Sumber: Prolink, 2014



Gambar Modem PROLINK PHS 300

4) Laptop user



Gambar Laptop DELL N 4110 Series

Spesifikasi Laptop

Spesifikasi	Keterangan
<i>Processor</i>	Intel Core i5
<i>RAM</i>	4 GB
<i>Graphics</i>	ATI RADEON 2GB
<i>NIC Wireless</i>	Dell K5Y6D PCI Halfmini

Sumber: Dell, 2014



5) NIC

Spesifikasi NIC Server Intel 82574 NIC

Spesifikasi	Keterangan
<i>Data Rate</i>	40 Gbps <i>full duplex, dual ports</i>
<i>Memory</i>	256 MB
Jumlah port	2
Dimensi	7.63 x 11.1 x 1.25 in
<i>Interface</i>	PCI Express x8
<i>Form Factor</i>	<i>Plug-in Card</i>

Spesifikasi NIC untuk mode *wireless* pada laptop user ditunjukkan tabel 4.7.

NIC User

Spesifikasi	Keterangan
<i>Data Rate</i>	270 Mbps
<i>Tipe Wi-Fi</i>	IEEE 802.11a/b/g/n
<i>Operating Frequency</i>	2,4 GHz dan 5 GHz
<i>Interface</i>	PCI Express Half Mini Card
<i>Form Factor</i>	<i>Plug-in Card</i>

6) UTP Cable

Spesifikasi Kabel UTP RJ-45

Spesifikasi	Keterangan
Panjang	35 meter
Impedansi Karakteristik	100 Ohm +/- 15%
Kecepatan Propagasi	0.64c
Delat Propagasi	4.8-5.3 ns/m
Kapasitansi	52pF/m
Induktansi	525nH/m
Diameter Kabel	0.51054 mm
Ketebalan Isolasi	0.245 mm
Merk	BELDEN Cat 5
Temperatur Kerja	-55°C ~ 60°C

7) UPS

Spesifikasi UPS

Spesifikasi	Keterangan
<i>Output Power Capacity</i>	700 Watts / 1000 VA
<i>Nominal Output Voltage</i>	230V
<i>Output Voltage Note</i>	<i>Configurable for 220 : 230 or 240 nominal output voltage</i>
<i>Efficiency at Full Load</i>	88.0%
<i>Waveform Type</i>	<i>Sine wave</i>
<i>Nominal Input Voltage</i>	230V, 220V, 240V

<i>Input Frequency</i>	50/60 Hz +/- 5 Hz (<i>auto sensing</i>)
<i>Typical recharge time</i>	3 hour(s)



Gambar UPS

