

DAFTAR GAMBAR

GAMBAR 2. 1 DENAH LAB TELECOM INFRA PROJECT	7
GAMBAR 2. 2 SPESIFIKASI ACCESS POINT	11
GAMBAR 2. 3 SPESIFIKASI PERFORMANCE ACCESS POINT	11
GAMBAR 3. 1 WIFI KONVENTIONAL.....	15
GAMBAR 3. 2 PEMBELA OPENWIFI.....	16
GAMBAR 3. 3 OPENWIFI	16
GAMBAR 3. 4 WORK BREAKDOWN STRUCTURE.....	20
GAMBAR 3. 5 TOPOLOGI PHYSICAL LAYER OPENWIFI.....	20
GAMBAR 3. 6 TOPOLOGI SISTEM OPENWIFI.....	21
GAMBAR 3. 7 HTOP	21
GAMBAR 3. 8 JADWAL PENGERJAAN	22
GAMBAR 4. 1 FLOWCHART PROVISIONING	24
GAMBAR 4. 2 FLOWCHART INTEGRASI AKSES POIN PROVISIONING	26
GAMBAR 4. 3 FLOWCHART CONFIGURATION QOS	27
GAMBAR 4. 4 SSH SERVER	28
GAMBAR 4. 5 PROSES CLONING DIREKTORI GITHUB OPENWIFI TELECOM INFRA PROJECT	29
GAMBAR 4. 6 INSTALL DOCKER-COMPOSE	29
GAMBAR 4. 7 MENJALANKAN DOCKER-COMPOSE MODE DETACHED	30
GAMBAR 4. 8 HOSTS DIRUBAH MENJADI IP SERVER.....	32
GAMBAR 4. 9 LAMAN AWAL OPENWIFI.....	32
GAMBAR 4. 10 HOME PAGE OPENWIFI.....	33
GAMBAR 4. 11 MENU ENTITIES	33
GAMBAR 4. 12 MENU CREATE CONFIGURATION.....	34
GAMBAR 4. 13 MENU CONFIGURATION SERVICE.....	34
GAMBAR 4. 14 SETTING CLASSIFIERS CONFIGURATION	35
GAMBAR 4. 15 SET UP FQDN CS 1	35
GAMBAR 4. 16 SET UP FQDN AF 41	36
GAMBAR 4. 17 SET UP PORT	36
GAMBAR 4. 18 CONFIGURATION INTERFACES WAN	37
GAMBAR 4. 19 MENU MONITORING.....	37
GAMBAR 4. 20 MENU INVENTORY	38
GAMBAR 4. 21 SET UP INVENTORY	38
GAMBAR 4. 22 PUSH CONFIGURATION.....	39

GAMBAR 5. 1 INSTALL IPERF3 UNTUK SERVER	43
GAMBAR 5. 2 DOWNLOAD IPERF3 UNTUK CLIENT	44
GAMBAR 5. 3 GENERATE DATA CLIENT DARI TERMINAL.....	44
GAMBAR 5. 4 GENERATE DATA IPERF3 DARI SERVER.....	45
GAMBAR 5. 5 RAW DATA.....	47
GAMBAR 5. 6 PROBABILITY DENSITY FUNCTION 8 JAM	47
GAMBAR 5. 7 CUMULATIVE DISTRIBUTION FUNCTION 8 JAM.....	48
GAMBAR 5. 8 GRAFIK DELAY	49
GAMBAR 5. 9 GRAFIK DELAY CDF	50
GAMBAR 5. 10 GRAFIK DELAY PDF	51
GAMBAR 5. 11 GRAFIK JITTER	52
GAMBAR 5. 12 GRAFIK JITTER CDF	53
GAMBAR 5. 13 GRAFIK JITTER PDF	54
GAMBAR 5. 14 GRAFIK PENGUJIAN BANDWITH TERHADAP 10, 15, DAN 20 USER/DEVICE.....	55
GAMBAR 5. 15 DENAH LAB TELECOM INFRA PROJECT.....	57
GAMBAR 5. 16 GRAFIK BITRATE ROOM 1	57
GAMBAR 5. 17 GRAFIK BITRATE ROOM	58
GAMBAR 5. 18 GRAFIK BITRATE ROOM 3	58
GAMBAR 5. 19 GRAFIK BITRATE MEETING ROOM.....	59
GAMBAR 5. 20 GRAFIK BITRATE CDF DAN PDF ROOM 1	59
GAMBAR 5. 21 GRAFIK BITRATE CDF DAN PDF ROOM 2	60
GAMBAR 5. 22 GRAFIK BITRATE CDF DAN PDF ROOM 3	60
GAMBAR 5. 23 GRAFIK BITRATE CDF DAN PDF MEETING ROOM.....	61
GAMBAR 5. 28 GRAFIK DELAY ROOM 1	62
GAMBAR 5. 29 GRAFIK DELAY ROOM 2	62
GAMBAR 5. 30 GRAFIK DELAY ROOM 3	63
GAMBAR 5. 31 GRAFIK DELAY MEETING ROOM	63
GAMBAR 5. 32 GRAFIK DELAY CDF DAN PDF ROOM 1	64
GAMBAR 5. 33 GRAFIK DELAY CDF DAN PDF ROOM 2	65
GAMBAR 5. 34 GRAFIK DELAY CDF DAN PDF ROOM 3	65
GAMBAR 5. 35 GRAFIK DELAY CDF DAN PDF MEETING ROOM.....	66
GAMBAR 5. 40 GRAFIK JITTER ROOM 1	67
GAMBAR 5. 41 GRAFIK JITTER ROOM 2	67
GAMBAR 5. 42 GRAFIK JITTER ROOM 3	68
GAMBAR 5. 43 GRAFIK JITTER MEETING ROOM	68
GAMBAR 5. 44 GRAFIK JITTER CDF DAN PDF ROOM 1	69
GAMBAR 5. 45 GRAFIK JITTER CDF DAN PDF ROOM 2	70
GAMBAR 5. 46 GRAFIK JITTER CDF DAN PDF ROOM 3	70

GAMBAR 5. 47 GRAFIK JITTER CDF DAN PDF MEETING ROOM	71
GAMBAR 5. 52 DENAH LAB TIP PENGUJIAN COVERAGE.....	72
GAMBAR 5. 53 PARAMETER HEATMAP SINYAL BANDWITH WIFIMAN	72