

## DAFTAR GAMBAR

Gambar 3. 1 Flowchart Pengerjaan Proyek akhir.....	13
Gambar 3. 2 Blok Diagram Sistem .....	15
Gambar 3. 3 VM pada layanan Oracel cloud .....	16
Gambar 3. 4 Image yang digunakan pada VM.....	17
Gambar 3. 5 VM TA_HAPIS.....	17
Gambar 3. 6 Instalasi OpenMeetings .....	21
Gambar 3. 7 Database Configuration .....	21
Gambar 3. 8 Database Configuration.....	22
Gambar 3. 9 Database Configuration.....	22
Gambar 3. 10 File Configuration.....	23
Gambar 3. 11 SIP Configuration.....	23
Gambar 3. 12 OpenMeetings Installation .....	24
Gambar 3. 13 Tampilan awal OpenMeetings.....	24
Gambar 3. 14 Instalasi Nextcloud .....	30
Gambar 3. 15 Check Instalasi Nextcloud.....	30
Gambar 3. 16 Pembuatan akun Admin Nextcloud.....	31
Gambar 3. 17 Tambahkan IP Address .....	31
Gambar 3. 18 IP Address yang digunakan pada proyek akhir .....	32
Gambar 3. 19 Sertifikasi SSL.....	32
Gambar 3. 20 Sertifikasi SSL.....	33
Gambar 3. 21 Input Firewall yang akan digunakan .....	33
Gambar 3. 22 Setting Iptables .....	34
Gambar 3. 23 Menyimpan konfigurasi .....	34
Gambar 4. 1 Tampilan awal Nextcloud Talk .....	36
Gambar 4. 2 Pembuatan room-meeting.....	37
Gambar 4. 3 Tampilan di dalam room-meeting .....	37
Gambar 4. 4 Tampilan Awal OpenMeetings.....	38
Gambar 4. 5 Tampilan didalam room-meeting .....	38
Gambar 4. 6 Hasil Monitoring CPU Nextcloud.....	39
Gambar 4. 7 Monitoring RAM Nextcloud.....	39
Gambar 4. 8 Monitoring Network Receive Nextcloud .....	40
Gambar 4. 9 Monitoring Transmit Network Nextcloud.....	40
Gambar 4. 10 Hasil monitoring CPU OpenMeetings.....	41
Gambar 4. 11 Hasil monitoring RAM OpenMeetings .....	42
Gambar 4. 12 Hasil monitoring Network pada OpenMeeting .....	42
Gambar 4. 13 Monitoring Network Transmit pada Open Meeting .....	43
Gambar 4. 14 Packet Loss.....	44
Gambar 4. 15 Hasil pengukuran Throughput Nextcloud .....	45
Gambar 4. 16 Hasil pengukuran Throughput OpenMeeting .....	45
Gambar 4. 17 Hasil pengukuran Delay .....	46
Gambar 4. 18 Hasil Pengukuran Jitter .....	47

Gambar 4. 19 Hasil pengukuran Latency ..... 48