DAFTAR ISI

LEMBAR PERSETUJUAN ii
LEMBAR PERNYATAAN iii
ABSTRAK iv
ABSTRACT v
DAFTAR ISI vi
DAFTAR GAMBAR viii
DAFTAR TABEL x
BAB 1 11
PENDAHULUAN 11
1.1 Latar Belakang 11
1.2 Rumusan Masalah 13
1.3 Batasan Masalah 14
1.4 Tujuan Penelitian 14
1.5 Hipotesis 15
1.6 Rencana Kegiatan 16
BAB 2 17
KAJIAN PUSTAKA 17
2.1 Penelitian Terdahulu 17
2.2 Dasar Teori 20
2.2.1 Anti-Forensics 20
2.2.2 Data Destruction Methods 21
2.2.2.1 Zero Overwrite 21
2.2.2.2 Random Data Overwrite 21
2.2.2.3 U.S. DoD 5220.22- M (E) 21
2.2.2.4 U.S. DoD 5220.22- M (ECE) 22
2.2.2.5 Schneier's Algorithm 22
2.2.3 Data Wiping 22
2.2.4 Tools Data Wiping 23
2.2.4.1 Eraser 23
2.2.4.2 Disk wipe 24
2.2.4.3 AOMEI Partition Assistant Professional 24
2.2.4.4 AOMEI Backupper 24
2.2.4.5 Hardwipe 24

2.2.4.6 Hard Drive Eraser 25
BAB 3 27
RANCANGAN PENELITIAN 27
3.1 Deskripsi Umum 27
3.1.1. Identify Test Environment 28
3.1.2. Determine Performance Criteria 28
3.1.3. Plan & Design 29
3.1.4. Configure Test Environment 29
3.1.5. Implement Test Design 29
3.1.6. Run Test 29
3.1.7. Analyze 29
3.2 Tahapan Pengerjaan 30
3.2.1 Test Data Preparation 31
3.2.2 Imaging Hard disk 31
3.2.3 Anti-Forensics Method Data Wiping 32
3.2.4 Data Wipe Test 32
3.2.5 Tools Performance Testing 32
3.2.6 Analysis 33
BAB 4 34
HASIL DAN PEMBAHASAN 34
4.1 Hasil Pengujian 34
4.1.1 Eraser 34
4.1.2 Disk Wipe 37
4.1.3 AOMEI Partition Assistant Professional 39
4.1.4 AOMEI Backupper 42
4.1.5 Hardwipe 45
4.1.6 Hard Drive Eraser 48
4.2 Analisis Hasil Pengujian 51
4.3 Analisis Dampak dari Hasil Pengujian 60
BAB 5 62
PENUTUP 62
5.1 Kesimpulan 62
5.2 Saran 62
DAFTAR PUSTAKA 64
LAMPIRAN 66