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# **Laporan Hasil Perbaikan setelah ITSA Pada Perusahaan Daerah Air Minum Surya Sembada Kota Surabaya**

Pada hari Senin, 14 November 2022 s/d Jumat, 18 November 2022, pada sistem elektronik milik Perusahaan Daerah Air Minum Surya Sembada Kota Surabaya. Berikut adalah hasil perbaikan terhadap temuan yang ada :

**Hasil ITSA pada Aplikasi Human Resource Development**

|  |  |
| --- | --- |
| Deskripsi | Digitalisasi sistem informasi untuk pendataan dan kesejahteraan karyawan PDAM Surabaya |
| Pemilik atau pengelola | PDAM Surya Sembada Kota Surabaya |
| Alamat URL | https://hris.pdam-sby.go.id |
| Alamat IP | 128.46.8.91 (local) / 103.83.100.45 (public) |
| Tanggal Pelaksanaan | Senin, 14 November 2022 s/d Jumat, 18 November 2022 |
| Teknik Pengujian | *Black-Box Testing*  *Grey-Box Testing*  *White-Box Testing* |

| No | Jenis Kerentanan | Severity | Lokasi | Hasil Remediasi | |
| --- | --- | --- | --- | --- | --- |
|  | *Sensitive Information Disclosure Lead to Database Leak* | Critical | /phpinfo | |  |
|  | *Possible Brute Force Attack* | Medium | /login | |  |
|  | *Vulnerable to Clickjacking* | Low | / | |  |
|  | *Narrow Security Parameter Header* | Info | / | |  |

**Hasil ITSA pada Aplikasi Catat Meter Pelanggan**

|  |  |
| --- | --- |
| Deskripsi | Digitalisasi sistem informasi untuk catat meter pelanggan |
| Pemilik atau pengelola | PDAM Surya Sembada Kota Surabaya |
| Alamat URL | https://catatmeter.pdam-sby.go.id |
| Alamat IP | 128.46.8.51 (local) / 103.83.100.45 (public) |
| Tanggal Pelaksanaan | Senin, 14 November 2022 s/d Jumat, 18 November 2022 |
| Teknik Pengujian | *Black-Box Testing*  *Grey-Box Testing*  *White-Box Testing* |

| No | Jenis Kerentanan | Severity | Lokasi | Hasil Remediasi | |
| --- | --- | --- | --- | --- | --- |
|  | *Broken Access Control* | High | /DataPelanggan  /DataCaterBendel  /VerifikasiM7  /KirimBilling  /InfoCater  /JadwalBacaMeter  /PencatatanPelanggan | |  |
|  | *Possible Brute Force Attack* | Medium | /login | |  |
|  | *Unencrypted Communication* | Medium | / | |  |
|  | *Cleartext Submission of Password* | Medium | /login | |  |
|  | *Vulnerable to Clickjacking* | Low | / | |  |
|  | *Information Disclosure* | Low | /.hta  /.htm  /.htm.bak  /.htusers  /.htpasswd  /.user.ini  /.htaccess~  /.ht\_wsr.txt  /.htaccessbak  /.htaccess.bak  /.htpasswd-old  /.htaccess.orig  /.htaccess\_orig  /.htaccess-marco | |  |
|  | *Narrow Security Parameter* | Info | / | |  |

**Hasil ITSA pada Aplikasi Pengadaan Barang dan Jasa**

|  |  |
| --- | --- |
| Deskripsi | Digitalisasi sistem informasi untuk memudahkan proses pengadaan barang dan jasa di PDAM Surabaya |
| Pemilik atau pengelola | PDAM Surya Sembada Kota Surabaya |
| Alamat URL | https://eprocurement.pdam-sby.go.id |
| Alamat IP | 128.46.8.58 (local) / 103.83.100.37 (public) |
| Tanggal Pelaksanaan | Senin, 14 November 2022 s/d Jumat, 18 November 2022 |
| Teknik Pengujian | *Black-Box Testing*  *Grey-Box Testing*  *White-Box Testing* |

| No | Jenis Kerentanan | Severity | Lokasi | Hasil Remediasi | |
| --- | --- | --- | --- | --- | --- |
|  | *Sensitive Information Disclosure* | Medium | /api | |  |
|  | *Account Registration Policy (Weak Password and No Email Validation)* | Medium | /daftar | |  |
|  | *Possible Brute Force Attack* | Medium | /#/beranda  /#/homeadmin | |  |
|  | *HTML Injection* | Low | Fungsi Notifier | |  |
|  | *Vulnerable to Clickjacking* | Low | / | |  |
|  | *Vulnerable JS Library* | Info | /assets/rekanan/commons-libraries/jquery/jquery-migrate-1.2.1.min.js | |  |
|  | *Narrow Security Parameter* | Info | / | |  |

|  |  |
| --- | --- |
| Ketua Tim ITSA BSSN  Gigih Supriyatno, S.S.T., M.T.  Penata Tk. I/ III.d  NIP. 19881120 200801 1 002 | Jakarta, (tanggal) Desember 2022 Mengetahui,  Kepala Perusahaan Daerah Air Minum Surya Sembada Kota Surabaya  Nasrul Amir  Manajer Teknologi Sistem Informasi  NIP. 1.08.01498 |