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#!/usr/bin/php
<?php

$debug_mode = false; //debug mode writes extra data to the log
$log_file = '/tmp/agitest.log'; //log file to use in debug mode

$agivars = array();
while (!feof(STDIN)) {
    $agivar = trim(fgets(STDIN));
    if ($agivar === "") {
        break;
    }
    else {
        $agivar = explode(':', $agivar);
        $agivars[$agivar[0]] = trim($agivar[1]);
    }
}
foreach($agivars as $k=>$v) {
    log_agi("Got $k=$v");
}
extract($agivars);

if ( $agi_dnid{0} == "6" ) $agi_dnid = substr($agi_dnid, 1);

$ldapResult = ldap_data($agi_dnid);

if($ldapResult["count"] > 0){
    if(strlen($ldapResult[0]['mobile'][0]) > 0) {
        $mobile=$ldapResult[0]['mobile'][0];
        $sPattern = array('/^s*/m','^+971/');
        $sReplace = array('','90');
        $mobile=preg_replace( $sPattern, $sReplace, $mobile );

        execute_agi("SET CONTEXT from-internal");
        execute_agi("SET PRIORITY 1");
        execute_agi("SET EXTENSION " . $mobile);
        exit;
    }
}

execute_agi('STREAM FILE speed-dial-empty "");
execute_agi('HANGUP');

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exit;
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function ldap_data($ID) {
    $ldap_url = 'ad.mydomain.com';
    $ldap_domain = 'mydomain.com';
    $ldap_dn = "dc=mydomain,dc=com";

    $ds = ldap_connect( $ldap_url );
    ldap_set_option($ds, LDAP_OPT_PROTOCOL_VERSION, 3);
    ldap_set_option($ds, LDAP_OPT_REFERRALS, 0);

    $username = "username";
    $password = "password";

    $login = ldap_bind( $ds, "$username@$ldap_domain", $password );

    try{
        $attributes = array("displayname", "mail","mobile","telephonenumber","pager");
        $filter = "(&(objectCategory=person)(ipPhone=$ID))";
        $result = ldap_search($ds, $ldap_dn, $filter, $attributes);
        $entries = ldap_get_entries($ds, $result);
        ldap_unbind($ds);
        return $entries;
    }
    catch(Exception $e){
        ldap_unbind($ds);
        log_write("LDAP Error");
        return "Err";
    }
} //function ldap_data end
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function execute_agi($command) {
    global $debug_mode, $log_file;

    fwrite(STDOUT, "$command\n");
    fflush(STDOUT);
    $result = trim(fgets(STDIN));
    $ret = array('code'=> -1, 'result'=> -1, 'timeout'=> false, 'data'=> "");
    if (preg_match("/^[0-9]{1,3} (.*)/", $result, $matches)) {
        $ret['code'] = $matches[1];
    }
}
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    $ret['result'] = 0;
    if (preg_match('/^result=([0-9a-zA-Z]*)\s?(?:\:(?\.*)\)??$/', $matches[2], $match))
    {
        $ret['result'] = $match[1];
        $ret['timeout'] = ($match[2] === 'timeout') ? true : false;
        $ret['data'] = $match[2];
    }
}
if ($debug_mode && !empty($logfile)) {
    $fh = fopen($logfile, 'a');
    if ($fh !== false) {
        $res = $ret['result'] . (empty($ret['data']) ? " : " : " / $ret[data]");
        fwrite($fh, "-----\n>> $command\n<< $result\n<<   parsed $res\n");
        fclose($fh);
    }
}
return $ret;
} //function execute_agi end

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function log_agi($entry, $level = 1) {
    if (!is_numeric($level)) {
        $level = 1;
    }
    $result = execute_agi("VERBOSE \"$entry\" $level");
} //function log_agi end

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?>