📖 parsonsbots / **dynamic-proxy-node-reconfiguration**

Restart processes instead of using signals

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⑂ master

👤 **parsonsbots** committed on Apr 13   1 parent `c094408`   commit abfe28b13f7d08f629210e0fdefa1922a4dd07d8

⊕ Showing **1 changed file** with **35 additions** and **60 deletions**.   [Unified | **Split**]

> ⌄ 95 ■■■■□ dynamic_reconfiguration.php ⧉

70	`        }`		70	`        }`
71			71	
72	`    /**`		72	`    /**`
73	− `     * Apply seamless process reconfiguration`		73	+ `     * Apply seamless processes reconfiguration`
74	`     *`		74	`     *`
75	`     * @return boolean`		75	`     * @return boolean`
76	`     */`		76	`     */`
180	`                // Reconfigure main SOCKS instance`		180	`                // Reconfigure main SOCKS instance`
181	`                $this->_reconfigure(`		181	`                $this->_reconfigure(`
182	`                    'socks',`		182	`                    'socks',`
183	− `                    'service 3proxy',`		183	+ `                    'service 3proxy start',`
184	− `                    null,`			
185	− `                    null,`			
186	`                    '3proxy.cfg',`		184	`                    '3proxy.cfg',`
187	`                    '/usr/local/etc/3proxy/3proxy.pid',`		185	`                    '/usr/local/etc/3proxy/3proxy.pid',`
188	`                    10,`		186	`                    10,`
193	`                // Reconfigure main HTTP instance`		191	`                // Reconfigure main HTTP instance`
194	`                $this->_reconfigure(`		192	`                $this->_reconfigure(`
195	`                    'http',`		193	`                    'http',`
196	− `                    'squid3',`		194	+ `                    'squid3 start',`
197	− `                    'squid3 -k reconfigure',`			
198	− `                    ' error:',`			
199	`                    'squid3',`		195	`                    'squid3',`
200	`                    '/var/run/squid3.pid',`		196	`                    '/var/run/squid3.pid',`
201	`                    0,`		197	`                    0,`
231	`                }`		227	`                }`
232			228	
233	`                $overridePorts = array(`		229	`                $overridePorts = array(`
234	− `                    'http' => array(array_merge(array(`		230	+ `                    'http' => array(array_merge(array(`
235	− `                            '80',`		231	+ `                            '80',`
236	− `                            '8888',`		232	+ `                            '8888',`
237	− `                            '55555'`		233	+ `                            '55555'`
238	− `                        )), $activeRedundantPorts),`		234	+ `                        )), $activeRedundantPorts),`
239	− `                    'socks' => array(`		235	+ `                    'socks' => array(`
240	− `                        array(`		236	+ `                        array(`
241	− `                            '1090'`		237	+ `                            '1090'`
242	− `                        )`		238	+ `                        )`
243	− `                    )`		239	+ `                    )`
244	− `                );`		240	+ `                );`
245			241	
246	`                $firewallRules = $this->_configureFirewallRules($gatewaysData, false, $overridePorts);`		242	`                $firewallRules = $this->_configureFirewallRules($gatewaysData, false, $overridePorts);`
247	`                unlink('/scripts/iptables/iptables-redundant');`		243	`                unlink('/scripts/iptables/iptables-redundant');`

```
251                    // Reconfigure redundant        247                    // Reconfigure redundant
       HTTP instances                                         HTTP instances
252                    $this->_reconfigure(              248                    $this->_reconfigure(
253                        'http',                       249                        'http',
254  -                      'squid3-redundant'           250  +                      'squid3-redundant'
     . $redundantProcess,                                     . $redundantProcess . ' start -f /etc/squid3/squid-
                                                              redundant' . $redundantProcess . '.conf',
255  -                      'squid3-redundant'
     . $redundantProcess . ' -k reconfigure -f
     /etc/squid3/squid-redundant' . $redundantProcess .
     '.conf',
256  -                      ' error:',
257  -                      'squid3-redundant'           251                        'squid3-redundant'
     . $redundantProcess,                                     . $redundantProcess,
258                        '/var/run/squid-             252                        '/var/run/squid-
     redundant' . $redundantProcess . '.pid',                redundant' . $redundantProcess . '.pid',
259                        0,                           253                        0,
277                    // Reconfigure redundant SOCKS   271                    // Reconfigure redundant SOCKS
       instance                                               instance
278                    $this->_reconfigure(             272                    $this->_reconfigure(
279                        'socks',                     273                        'socks',
280  -                      'service 3proxy-            274  +                      'service 3proxy-redundant
     redundant',                                             start',
281  -                      null,
282  -                      null,
283                        '3proxy-redundant.cfg',      275                        '3proxy-redundant.cfg',
284                                                     276
     '/usr/local/etc/3proxy/3proxy-redundant.pid',           '/usr/local/etc/3proxy/3proxy-redundant.pid',
285                        15,                          277                        15,
400                ) {                                  392                ) {
401                    foreach ($this->processes as     393                    foreach ($this->processes as
     $protocol => $processes) {                              $protocol => $processes) {
402                        if ($redundant) {            394                        if ($redundant) {
403  -                                                  395  +
     unset($processes[0]);                                   unset($processes[0]);
404  -                          $processes =            396  +                          $processes =
     array_values($processes);                               array_values($processes);
405  -                      }                           397  +                      }
406                                                     398
407  -                      if                          399  +                      if
     (!empty($overridePorts)) {                              (!empty($overridePorts)) {
408  -                          if                      400  +                          if
     (empty($overridePorts[$protocol])) {                    (empty($overridePorts[$protocol])) {
409  -                              continue;           401  +                              continue;
410  -                          }                       402  +                          }
411                                                     403
412  -                          $processes =            404  +                          $processes =
     $overridePorts[$protocol];                              $overridePorts[$protocol];
413  -                      }                           405  +                      }
414                                                     406
415  -                      foreach ($processes as      407  +                      foreach ($processes as
     $ports) {                                               $ports) {
416                            $basePorts =             408                            $basePorts =
     array_merge($ports, $basePorts);                        array_merge($ports, $basePorts);
417  -                      }                           409                        }
418                                                     410
419  -                      $ports =                    411  +                      $ports =
     array_unique($basePorts);                               array_unique($basePorts);
420                                                     412
421                        // Remove ports from         413                        // Remove ports from
     routing list that are refusing connections             routing list that are refusing connections
422                        foreach ($ports as $key =>  414                        foreach ($ports as $key =>
```

```
      $port) {                                          $port) {
519     * Reconfigure specific process         511      * Reconfigure specific process
520     *                                       512      *
521     * @param string $protocol Proxy protocol (http or    513      * @param string $protocol Proxy protocol (http or
      socks)                                            socks)
522   -  * @param string $binary Name of system binary        514   +  * @param string $startCommand Command to start process
523   -  * @param string $command Software-specific command for
      reconfiguration
524   -  * @param string $errorString Reconfiguration error
      string for error detection
525     * @param string $processName Process name     515      * @param string $processName Process name
526     * @param string $processId Full path to process ID   516      * @param string $processId Full path to process ID
527     * @param integer $delayStart Delay at beginning of   517      * @param integer $delayStart Delay at beginning of
      reconfiguration                                    reconfiguration
528     * @param integer $delayEnd Delay at end of    518      * @param integer $delayEnd Delay at end of
      reconfiguration                                    reconfiguration
529     *                                       519      *
530     * @return                                512      * @return
531     */                                      521      */
532   -     protected function _reconfigure($protocol,     522   +     protected function _reconfigure($protocol,
      $binary, $command, $errorString, $processName, $processId,   $startCommand, $processName, $processId, $delayStart = 0,
      $delayStart = 0, $delayEnd = 0) {                  $delayEnd = 0) {
533             if ($delayStart) {              523             if ($delayStart) {
534                 sleep($delayStart);          524                 sleep($delayStart);
535             }                                525             }
538             $shellCommands = array(          528             $shellCommands = array(
539                 '#!' . $this->shell          529                 '#!' . $this->shell
540             );                               530             );
541   -                                         531   +         $killProcesses = $this-
                                                        >_getProcessIds($processName);
542   -         if (!empty($command)) {
543   -             exec($command . ' 2>&1',
      $reconfigureResponse);
544   -             $reconfigureResponse =
      array_shift($reconfigureResponse);
545   -         }
546   -
547   -         if (
548   -             (
549   -
      !empty($reconfigureResponse) &&
550   -                 !empty($errorString) &&
551   -
      strpos(strtolower($reconfigureResponse), $errorString) !==
      false
552   -             ) ||
553   -             empty($command)
554   -         ) {
555   -             $killProcesses = $this-
      >_getProcessIds($processName);
556   -         }
557                                             532
558         foreach ($killProcesses as $killProcess) {    533         foreach ($killProcesses as $killProcess) {
559             $shellCommands[] = 'kill ' .     534             $shellCommands[] = 'kill ' .
      trim($killProcess);                               trim($killProcess);
565             file_put_contents('/scripts/' .   540             file_put_contents('/scripts/' .
      $protocol . '.sh', implode("\n", $shellCommands));    $protocol . '.sh', implode("\n", $shellCommands));
566             shell_exec('chmod +x /scripts/' .   541             shell_exec('chmod +x /scripts/' .
      $protocol . '.sh');                                $protocol . '.sh');
567             shell_exec('/scripts/./' .       542             shell_exec('/scripts/./' .
      $protocol . '.sh');                                $protocol . '.sh');
568   -
569   -             // Process recovery
```

```
570  −                    unlink($processId);
571  −                    sleep(5);
572  −                    shell_exec($binary . ' start');
573                  }                                                543                          }
574                                                                   544
                                                                      545  +                      // Process recovery
                                                                      546  +                      unlink($processId);
                                                                      547  +                      sleep(5);
                                                                      548  +                      shell_exec($startCommand);
                                                                      549  +
575                  if ($delayEnd) {                                 550                          if ($delayEnd) {
576                      sleep($delayEnd);                            551                              sleep($delayEnd);
577                  }                                                552                          }
```

0 comments on commit `abfe28b`