



Update README.md

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🔗 master 🔗 v1.0.1 ... v1.0.0

 parsonsbots committed on Mar 231 parent [df951b7](#)commit [c07e6b4dfa310bae438a51b9d70f9a1aa0692966](#) Showing 1 changed file with 191 additions and 1 deletion.

Unified

Split

▼ 192 ████████ README.md 

... @@ -1 +1,191 @@

1 - # dedicated-ip-checker

```
1 + # Dedicated IP Checker
2 + * Version 1.0.0
3 + * Author: Will Parsons
4 + * Website: https://parsonsbots.com
5 +
6 + # Repository
7 + * GIT: git@github.com:parsonsbots/dedicated-ip-checker.git
8 +
9 + # Required:
10 + PHP 5.x+
11 +
12 + # Changelog:
13 + * 1.0.0: Initial release for IPv4 only
14 +
15 + # What is a Dedicated IP Checker?
16 + This simple dedicated IP checker was built to be
17 + integrated with hosting and VPN / proxy services to
18 + provide a way for users to verify dedicated IP address
19 + exclusivity.
20 +
21 + A dedicated IP is an IP address that's only provided to
22 + a single user as a usage preference and for security
23 + purposes. A semi-dedicated IP is an IP address that's
24 + provided to multiple users for affordability.
25 +
26 + If a user purchases a dedicated IP for their hosting,
27 + VPN or proxy server, they should simply be able to verify
28 + that the IP is exclusive to their account / user ID.
29 +
30 + This dedicated IP checker is improving the standard of
31 + transparency where dedicated IP addresses are purchased
32 + and will help prevent them from being shared between
33 + users (intentionally or unintentionally).
34 +
35 + Why are dedicated IPs important and why should users be
36 + able to verify dedicated IP exclusivity?
37 +
38 + - Websites may eventually block your dedicated IP if
39 + it's shared with other users and too many connections are
40 + coming from the same shared network IP.
41 +
42 + - When using a dedicated IP to whitelist access to
43 + sensitive systems (through a VPN, proxy server, etc),
44 + multiple users should never have access to that same IP
45 + for security purposes.
46 +
47 + - Users can lower the possibility of frequent CAPTCHAs
48 + and IP blacklisting when browsing.
```

```

29 +
30 + # How Does it Work?
31 + You can enable users to search and verify dedicated IP
    exclusivity for a list of dedicated IPs without them
    being logged-in to their account.
32 +
33 + Each user should already have their own unique user ID
    to correspond with their purchased dedicated IPs.
34 +
35 + Here's an example of the verification process:
36 +
37 + 1. User logs into your website's hosting portal or VPN /
    proxy control panel.
38 + 2. User retrieves their unique user account ID and
    dedicated IPs you've provided them.
39 + 3. User logs out of their account.
40 + 4. User visits the dedicated IP checker page on your
    website.
41 + 5. User inputs the list of dedicated IPs to see if they
    correspond with their unique user account ID.
42 +
43 + Inactive IPs, semi-dedicated IPs, shared IPs, reserved
    IPs or IPs that aren't related to your website will be
    masked with random user IDs for security and privacy
    purposes.
44 +
45 + For an example of an existing implementation, please
    visit the GhostProxies dedicated proxy IP checker at
    https://ghostproxies.com/dedicated-proxy-checker
46 +
47 + # Usage
48 + ## Define IP List to Check
49 + /**
50 +  * IPv4 list to check separated by new line
51 +  * This list should be submitted through a public
    HTML form textarea field
52 +  *
53 +  * Reserved IPv4 addresses below are used for demo
    purposes
54 +  *
55 +  */
56 +     $ipv4ListToCheck = implode("\n", array(
57 +         '172.16.88.10',
58 +         '172.16.8.3',
59 +         '172.16.200.3',
60 +         '172.16.201.4',
61 +         '192.168.0.0',
62 +         '192.168.0.1',
63 +         '192.168.0.2',
64 +         '192.168.0.3',
65 +         '192.168.0.4',
66 +         '192.168.40.4',
67 +         '192.168.49.4',
68 +         '10.5.30.103',
69 +         '10.5.30.105',
70 +         '10.5.30.106',
71 +         '10.5.31.108',
72 +         '_.10.5.30.199:80;*', // Invalid
    IP formats will be parsed
73 +         '10.5.89.44',
74 +         '10.8.8.100',
75 +         '10.8.8.101',
76 +         '10.8.8.102',

```

```

77 +             '10.8.8.103'
78 +         ));
79 +
80 + ## Define IPs That Belong to Users
81 + /**
82 +     * List of dedicated IPv4 addresses that belong to
83 +     * each user (IPv4 => UUID format)
84 +     * Users should have access to see their own user
85 +     * ID
86 +     *
87 +     * Reserved IPv4 addresses below are used for demo
88 +     * purposes
89 +     *
90 +     */
91 +     $userIps = array(
92 +         '192.168.0.2' => '5c95396e-97c8-49af-abb3-17e04221ccee',
93 +         '192.168.0.3' => '5c95396e-97c8-49af-abb3-17e04221ccee',
94 +         '10.5.31.108' => '5c95354f-43c8-4976-b69d-12334221ccee',
95 +         '172.16.88.10' => '5c953514-e9e8-4cca-954c-12334221ccee',
96 +         '172.16.200.3' => '5c953514-e9e8-4cca-954c-12334221ccee',
97 +         '10.5.89.44' => '5c952170-f908-45e9-af43-6bf64221ccee',
98 +         '10.5.30.199' => '5c9518c1-0ad8-4e41-80a1-5bd54221ccee',
99 +         '172.16.8.3' => '5c951454-0418-4ca5-80f8-5b6b4221ccee',
100 +         '192.168.40.4' => '5c951242-56a9-401a-8d74-5b7b4221ccee',
101 +         '10.8.8.102' => '5c95396e-97c8-49af-abb3-17e04221ccee'
102 +     );
103 +
104 +     // Include formatted sample data (this file should
105 +     // be changed to your own database values and user input)
106 +     require_once('data.php');
107 +
108 +     // Include dedicated IP checker
109 +     require_once('checker.php');
110 +
111 +     $checker = new DedicatedIpChecker();
112 +     $verifiedIpv4List = $checker->verify($ipv4ListToCheck, $userIps);
113 +
114 + ## Output
115 +     echo '<pre>';
116 +
117 +     foreach ($verifiedIpv4List as $ip => $userId) {
118 +         echo 'IP: ' . $ip . "\n";
119 +         echo 'User ID: ' . $userId . "\n\n";
120 +     }
121 +
122 +     echo '</pre>';
123 +
124 +     /* Output:
125 +
126 +     IP: 172.16.88.10
127 +     User ID: 5c953514-e9e8-4cca-954c-12334221ccee

```

```
125 + IP: 172.16.8.3
126 + User ID: 5c951454-0418-4ca5-80f8-5b6b4221ccee
127 +
128 + IP: 172.16.200.3
129 + User ID: 5c953514-e9e8-4cca-954c-12334221ccee
130 +
131 + IP: 172.16.201.4
132 + User ID: 5c952170-f908-45e9-af43-6bf64221ccee
133 +
134 + IP: 192.168.0.0
135 + User ID: 5c95396e-97c8-49af-abb3-17e04221ccee
136 +
137 + IP: 192.168.0.1
138 + User ID: 5c95396e-97c8-49af-abb3-17e04221ccee
139 +
140 + IP: 192.168.0.2
141 + User ID: 5c95396e-97c8-49af-abb3-17e04221ccee
142 +
143 + IP: 192.168.0.3
144 + User ID: 5c95396e-97c8-49af-abb3-17e04221ccee
145 +
146 + IP: 192.168.0.4
147 + User ID: 5c9518c1-0ad8-4e41-80a1-5bd54221ccee
148 +
149 + IP: 192.168.40.4
150 + User ID: 5c951242-56a9-401a-8d74-5b7b4221ccee
151 +
152 + IP: 192.168.49.4
153 + User ID: 5c952170-f908-45e9-af43-6bf64221ccee
154 +
155 + IP: 10.5.30.103
156 + User ID: 5c952170-f908-45e9-af43-6bf64221ccee
157 +
158 + IP: 10.5.30.105
159 + User ID: 5c952170-f908-45e9-af43-6bf64221ccee
160 +
161 + IP: 10.5.30.106
162 + User ID: 5c952170-f908-45e9-af43-6bf64221ccee
163 +
164 + IP: 10.5.31.108
165 + User ID: 5c95354f-43c8-4976-b69d-12334221ccee
166 +
167 + IP: 10.5.30.199
168 + User ID: 5c9518c1-0ad8-4e41-80a1-5bd54221ccee
169 +
170 + IP: 10.5.89.44
171 + User ID: 5c952170-f908-45e9-af43-6bf64221ccee
172 +
173 + IP: 10.8.8.100
174 + User ID: 5c9518c1-0ad8-4e41-80a1-5bd54221ccee
175 +
176 + IP: 10.8.8.101
177 + User ID: 5c9518c1-0ad8-4e41-80a1-5bd54221ccee
178 +
179 + IP: 10.8.8.102
180 + User ID: 5c95396e-97c8-49af-abb3-17e04221ccee
181 +
182 + IP: 10.8.8.103
183 + User ID: 5c9518c1-0ad8-4e41-80a1-5bd54221ccee
184 +
185 + */
186 +
187 + # Coming Soon
```

```
188 + * 1.1.0: IPv6 support
189 +
190 + # More From ParsonsBots
191 + https://github.com/parsonsbots
```

0 comments on commit `c07e6b4`