Foreman - Bug #32837
Drop unwanted URI parsing from NetHttpExtension
06/18/2021 12:16 PM - Lukas Zapletal

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Lukas Zapletal</td>
</tr>
<tr>
<td>Category:</td>
<td>Proxy gateway</td>
</tr>
<tr>
<td>Target version:</td>
<td>3.0.0</td>
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<tr>
<td>Difficulty:</td>
<td>Pull request:</td>
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<tr>
<td>Triaged:</td>
<td>Fixed in Releases:</td>
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<td>Bugzilla link:</td>
<td>Found in Releases:</td>
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<td></td>
<td><a href="https://github.com/theforeman/foreman/pull/8606">https://github.com/theforeman/foreman/pull/8606</a></td>
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<td>3.0.0, 3.1.0</td>
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<td>1970482</td>
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**Description**
Ruby Net::HTTP object does not contain URI, it contains address and port attributes which is documented to only old IP address or hostname and port, not URI or URL at all.

In our NetHttpExtension we parse the address into URI and then extract hostname part from there. This works fine for IPv4, however it fails for IPv6 as addresses must be enclosed within square brackets. The patch is removing the not-needed conversion to URI and back. The error I am seeing is coming from discovery:

```ruby
irb(main):016:0> resource = ::ForemanDiscovery::NodeAPI::Power.service(:url => "https://[2a00:4bc0:1010:1102:0:b19:7175:babe]:8443")
=> #<ForemanDiscovery::NodeAPI::PowerService:0x0000000012d5f0b8 @args={:url=>'https://[2a00:4bc0:1010:1102:0:b19:7175:babe]:8443'}>, @connect_params={:headers=>{:accept=>:json}, :timeout=>20, :verify_ssl=>0}>
irb(main):017:0> resource.reboot
Traceback (most recent call last):
  5: from /lib/tasks/console.rake:5:in `block in <top (required)>'
  4: from (irb):17
  3: from /app/services/foreman_discovery/node_api/power_service.rb:8:in `reboot'
  2: from /app/services/foreman_discovery/node_api/power_service.rb:103:in `put'
  1: from /lib/foreman/http_proxy/net_http_extension.rb:5:in `request'
URI::InvalidURIError (bad URI(is not URI?): 2a00:4bc0:1010:1102:0:b19:7175:babe)
```

**Related issues:**
Related to Discovery - Bug #32812: Discovery plugin ignores IPv6 when doing reboot/kexec/fetch facts - Closed

**Associated revisions**
Revision 73a42646 - 09/07/2021 04:13 PM - Lukas Zapletal
Fixes #32837 - drop unwanted URI parsing from extension

**History**

**#1 - 06/18/2021 12:18 PM - The Foreman Bot**
- Status changed from New to Ready For Testing
- Pull request https://github.com/theforeman/foreman/pull/8606 added

**#2 - 06/23/2021 02:51 PM - Lukas Zapletal**
- Bugzilla link set to 1970482

**#3 - 06/23/2021 02:52 PM - Lukas Zapletal**
- Related to Bug #32812: Discovery plugin ignores IPv6 when doing reboot/kexec/fetch facts added

03/14/2022
#4 - 07/07/2021 08:45 AM - Ondřej Ezr
- Target version set to 3.0.0

#5 - 09/07/2021 12:36 PM - Amit Upadhye
- Target version changed from 3.0.0 to 3.0.1

#6 - 09/07/2021 04:13 PM - The Foreman Bot
- Fixed in Releases 3.1.0 added

#7 - 09/07/2021 04:22 PM - Amit Upadhye
- Target version changed from 3.0.1 to 3.0.0
- Fixed in Releases 3.0.0 added

#8 - 09/07/2021 05:08 PM - Lukas Zapletal
- Status changed from Ready For Testing to Closed

Applied in changeset foreman73a42646743450c709630344b12ba7cf066e2033.