Suricata - Task #3905

Task # 3862 (New): qa: CI improvements

GitHub CI: use sccache for commits build

09/04/2020 01:22 PM - Victor Julien

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Low</td>
</tr>
<tr>
<td>Assignee:</td>
<td>Jason Ish</td>
</tr>
<tr>
<td>Category:</td>
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<tr>
<td>Target version:</td>
<td>7.0rc1</td>
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<td>Effort:</td>
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<td>Difficulty:</td>
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<td>Label:</td>
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**Description**

A job with a relatively large number of commits (>10) will spend a long time on the commits build. This can possibly run faster by using sccache. Installing sccache itself takes time, at least from source, so perhaps we could use a prebuild version.

[https://github.com/mozilla/sccache/releases](https://github.com/mozilla/sccache/releases)

**History**

#1 - 09/16/2020 01:51 PM - Victor Julien
- Status changed from New to Assigned
- Assignee set to Jason Ish
- Priority changed from Normal to Low
- Target version set to 7.0rc1

#2 - 08/30/2021 03:23 PM - Victor Julien
- Target version changed from 7.0rc1 to 8.0beta1

#3 - 09/15/2021 09:19 PM - Jason Ish
- Status changed from Assigned to Closed
- Target version changed from 8.0beta1 to 7.0rc1

This is actually done, [https://github.com/OISF/suricata/commit/858ab077752478ec0df2e631235f36860a47c52](https://github.com/OISF/suricata/commit/858ab077752478ec0df2e631235f36860a47c52), and in master now.

We can see its actually used if you open the sccache stats in a GitHub CI build: [https://github.com/OISF/suricata/runs/3575433709?check_suite_focus=true#step:13:1](https://github.com/OISF/suricata/runs/3575433709?check_suite_focus=true#step:13:1)

#4 - 09/16/2021 05:42 AM - Victor Julien

If I'm not mistaken we use it only for the Rust code? I should be able to cache C compiler as well. In large PRs this might help a lot as well.

#5 - 10/05/2021 04:36 PM - Jason Ish

PR to use sccache for gcc as well: [https://github.com/OISF/suricata/pull/6444](https://github.com/OISF/suricata/pull/6444)