

# Host and check scheduling

The scheduling of Shinken Enterprise is quite simple. The first scheduling take care of the `max_service_check_spread` and `max_host_check_spread` so the time of the first schedule will be in the

```
start+max*_check_spread
```

if the Check Period agree with it. Shinken Enterprise use a random way of doing it : the check is between  $t=\text{now}$  and  $t=\min(t \text{ from next timeperiod, } \text{max}_* \text{\_check\_spread})$ , but in a random way. So you will will have the better distribution of checks in this period.

After this first scheduling, the time for the next check is just  $t_{\text{check}}+\text{check\_interval}$  if the timeperiod is agree for it (or just the next time available in the timeperiod).