

# Host name based tagger

## What Host name based tagger is done for

You can define a tagger that will use the Host name to automatically add host templates to detected objects. The common tagger named `regex-tags` can load new ip range rules with modules.

## How to define a new Regexp rule

For each Regexp rule, you will need to define a new module and add it in the `regex-tags` tagger configuration.

You can copy the sample module `/etc/shinken/modules/sync-regexp-tag.cfg` into a new file name and edit it:

```
define module{
  module_name      sync-regexp-tag-windows
  module_type      sync-regexp-tag
  matched_prop     host_name
  matched_regexp   .*srvwin.*
  method           append
  property         use
  value            windows
}
```

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The properties are:

- **module\_name**: must be unique in the modules
- **module\_type**: must be equal to `sync-regexp-tag`
- **matched\_prop**: the property that we will match. By default the property is `host_name` (Name of the host object)
- **matched\_regexp**: Regexp that the object must match to activate this rule
- **method**: how you want to modify your detected object:
  - **replace**: put the value if not another one is in place
  - **append**: add the value at the END of the host templates
  - **prepend**: add the value at on the BEGINING of the host templates
  - **set**: just the value, erase what was before.
- **property**: which host property to change. By default the property is "use" (host templates)
- **value**: which value to set/append/prepend/replace

Then you must edit the `ip-tags` tagger definition to link your new module in the file `/etc/shinken/taggers/regex-tags.cfg`:

```
define tagger {
  tagger_name      regex-tags
  order            1
  modules          sync-regexp-tag,sync-regexp-tag-windows
  description      This tagger will tag host based on the host_name
}
```

Then you must restart your `shinken-synchronizer` daemon.

