What's a Tag?

To help you manage your metrics, hosts, and containers, and to help you create more useful dashboards, you can assign metadata to each host/server/container in the form of *tags*.

Tags let you to organize your SPM hosts/servers/containers in different ways – for example by role, owner, or environment. Each tag consists of a key and a value, separated by the ':' character. We recommend that you devise a set of tag keys that meet your needs for each host and to keep the tag set small and clean. Using a consistent and not overly broad set of tag keys makes it easier for you make the most of SPM and avoid chaos. Tags will help you create Alerts for hosts/servers/containers under certain tags or add dashboard widgets based on tags you have defined.

AWS Tags Support

SPM client has the ability to:

1. Collect AWS/EC2 tags and send them to SPM. EC2 Instances should be created with AWS IAM Role that has policy 'AmazonEC2ReadOnlyAccess'. See http://docs.aws.amazon.com/AWSEC2/latest/UserGuide/iam-roles-for-amazon-ec2.html
2. Send EC2 Instance Type and Availability Zone as tags.

Excluding Specific Tags

To exclude tags and thus not send them to SPM just edit the monitor configuration file - /opt/spm/spm-monitor/conf/spm-monitor-config-$token-${jvm}$.properties:

```
# uncomment and add tags which should be excluded
# SPM_SUPPRESS_TAGS=project:baz, node:qux
```

AWS tag collection is enabled by default. To disable AWS tags collection adjust the following in the /opt/spm/spm-monitor/conf/spm-monitor-config-$token-${jvm}$.properties file:

```
# use true|false if you want/don't want to send AWS tags to SPM
COLLECT_AWS_TAGS=true
```

Adding Tags

To add tags edit the monitor configuration file - /opt/spm/spm-monitor/conf/spm-monitor-config-$token-${jvm}$.properties:

```
# uncomment and specify tags you want to send to SPM
# SPM_MONITOR_TAGS="env:local, project:projectName, role:slave"
```

Adding Tags in SPM for Docker

Tags are provided by the environment variable SPM_MONITOR_TAGS for example:

```
docker run -e SPM_MONITOR_TAGS="env:dev, project:projectName, role:webfrontend" ... sematext/s
```

Adding Tags in SPM for Node.js

Tags could be configured in the config file "./.spmagentrc" or /etc/spmagentrc

```
SPM_MONITOR_TAGS = env:dev, project:projectName, role:webfrontend
```

or by the environment variable SPM_MONITOR_TAGS, e.g. on Linux:

```
export SPM_MONITOR_TAGS="env:dev, project:projectName, role:webfrontend"
```