

pfSense - Feature #7016

system_information_widget.php - Indicate adaptive state timeout status when active

12/16/2016 01:44 PM - Jim Pingle

Status:	New	Start date:	12/16/2016
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Dashboard	Estimated time:	0.00 hour
Target version:	2.5.0		

Description

It would be helpful to show the user that pf has enabled adaptive state timeout scaling when it kicks in.

Some sample code to calculate the scaling factor and to flag when it is active:

```
if (isset($config['system']['adaptivestart']) and $config['system']['adaptivestart'] > 0) {
    $adaptivestart = "{$config['system']['adaptivestart']}";
} else {
    $adaptivestart = intval($maxstates * 0.6);
}
if (isset($config['system']['adaptiveend']) and $config['system']['adaptiveend'] > 0) {
    $adaptiveend = "{$config['system']['adaptiveend']}";
} else {
    $adaptiveend = intval($maxstates * 1.2);
}
$adaptive_text = "";
if ($curentries > $adaptivestart) {
    $scalingfactor = round(($adaptiveend - $curentries) / ($adaptiveend - $adaptivestart) * 100, 0
);
    $adaptive_text = "Adaptive state handling enabled, state timeouts reduced by {$scalingfactor}%
";
}
```

Main problem is formatting in the widget, getting it to a place where it's clear what it is without cluttering. Bonus points for changing the color of the progress bar to yellow when this is active.