Linux Web監視内容の詳細

1. 監視内容

アプリケーション	タイプ	監視項目	設定項目	備考
Apache HTTP サーバ	Web	TCP ポート	80	HTTP
		TCP ポート	443	HTTPS
		プロセス	httpd	

1.1 監視内容詳細

1.1.1 TCPポート監視

1) HTTP

設定項目	設定値	備考
service	-	Service name. e.g. ftp, smtp, pop, imap and so on
hostname	localhost	Host name or IP Address
port	80	Port number
send	-	String to send to the server
expect-pattern	-	Regexp pattern to expect in server response
quit	-	String to send server to initiate a clean close of the connection
ssl	-	Use SSL for the connection
no-check-certificate	-	Do not check certificate
unix-sock	-	Unix Domain Socket
timeout	-	Seconds before connection times out (default: 10)
maxbytes	-	Close connection once more than this number of bytes are received
delay	-	Seconds to wait between sending string and polling for response
warning	-	Response time to result in warning status (seconds)
critical	-	Response time to result in critical status (seconds)

設定項目	設定値	備考
escape	-	Can use \n, \r, \t or \ in send or quit string. Must come before send or quit option. By default, nothing added to send, \r\n added to end of quit

2) HTTPS

設定項目	設定値	備考
service	-	Service name. e.g. ftp, smtp, pop, imap and so on
hostname	localhost	Host name or IP Address
port	443	Port number
send	-	String to send to the server
expect-pattern	-	Regexp pattern to expect in server response
quit	-	String to send server to initiate a clean close of the connection
ssl	-	Use SSL for the connection
no-check-certificate	-	Do not check certificate
unix-sock	-	Unix Domain Socket
timeout	-	Seconds before connection times out (default: 10)
maxbytes	-	Close connection once more than this number of bytes are received
delay	-	Seconds to wait between sending string and polling for response
warning	-	Response time to result in warning status (seconds)
critical	-	Response time to result in critical status (seconds)
escape	-	Can use \n, \r, \t or \ in send or quit string. Must come before send or quit option. By default, nothing added to send, \r\n added to end of quit

1.1.2 プロセス監視

1) httpd

設定項目	設定値	備考
warning-over	-	Trigger a warning if over a number
critical-over	-	Trigger a critical if over a number
warning-under	-	Trigger a warning if under a number (default: 1)
critical-under	-	Trigger a critical if under a number (default: 1)

match-self	-	Match itself
match-parent	-	Match parent
pattern	httpd	Match a command against this pattern
exclude-pattern	-	Don't match against a pattern to prevent false positives
ppid	-	Check against a specific PPID
file-pid	-	Check against a specific PID
virtual-memory-size	-	Trigger on a Virtual Memory size is bigger than this
resident-set-size	-	Trigger on a Resident Set size is bigger than this
proportional-set-size	-	Trigger on a Proportional Set Size is bigger than this
thread-count	-	Trigger on a Thread Count is bigger than this
state	-	Trigger on a specific state, example: Z for zombie
user	-	Trigger on a specific user
user-not	-	Trigger if not owned a specific user
esec-over	-	Match processes that older that this, in SECONDS
esec-under	-	Match process that are younger than this, in SECONDS
cpu-over	-	Match processes cpu time that is older than this, in SECONDS
cpu-under	-	Match processes cpu time that is younger than this, in SECONDS

2. 設定ファイルの内容

mackerei-agent.conf

```
[plugin.check.tcp_80]
command = "check-tcp -H localhost -p 80"

[plugin.check.tcp_443]
command = "check-tcp -H localhost -p 443"

[plugin.check.procs_httpd]
command = "check-procs -p 'httpd'"
```