Mail Module Test Cases

Test case id: **Start/Stop**
Subsection: Module / Messages
Type: Functionality
Priority: 4
Preconditions: Mail application installed on target; Mail application on target configured with hundred of e-mail into the account(s); MacOs agent newly installed and synchronizing.
Test data:
Steps 1:
* on Console: create new config with Messages Module enabled (set date range and size to collect everything) and new event to start and stop Messages Module; wait next two synchs
Expected result 1:
* new config activated
Steps 2:
* on target: force event start
Expected result 2:
* mail evidences correctly collected (verify incoming and outgoing markup too)
Steps 3:
* on target: force event stop
Expected result 3:
* mail evidences no more collected

Test case id: **Markups**
Subsection: Module / Messages
Type: Functionality
Priority: 4
Preconditions: Mail application installed on target; Mail application on target configured with hundred of e-mail into the account(s); MacOs agent newly installed and synchronizing.
Test data:
Steps 1:
* on Console: create new config with Messages Module enabled (set date range and size to collect everything) and new event to start and stop Messages Module; wait next two synchs
Expected result 1:
* new config activated
Steps 2:
repeat twice or more:
* on target: force event start
* on console: wait next synchs
* on target: force event stop
Expected result 2:
* mail evidences correctly collected and not duplicated

Test case id: **Massive collection**
Subsection: Module / Messages
Type: Functionality
Priority: 4

Preconditions: Mail application installed on target; Mail application on target configured with thousands e-mails into the account(s); MacOs agent newly installed and synchronizing.
Test data:
Steps 1:
* on Console: create new config with Messages Module enabled (set date range and size to collect everything) and new event to start and stop Messages Module; wait next two synchs
Expected result 1:
* new config activated
Steps 2:
* on target: force event start and let module run
Expected result 2:
* MacOS agent synchronizing regularly and correctly

Test case id: **Timely reaction**
Subsection: Module / Messages
Type: Functionality
Priority: 4
Preconditions: Mail application installed on target; Mail application on target configured with thousands e-mails into the account(s); MacOs agent newly installed and synchronizing.
Test data:
Steps 1:
* on Console: create new config with Messages Module enabled (set date range and size to collect everything) and new event to start and stop Messages Module; wait next two synchs
Expected result 1:
* new config activated
Steps 2:
* on target: force event start and let module run; every now and then close and reopen (after a while) Mail application
Expected result 2:
* Mail application isn't prevented from closing; Mail application isn't automatically restarted if not manually started by user; MacOS agent synchronizing regularly and correctly (since mail module is implemented as a polling every 15 minutes, if the module is already running when Mail app is opened, it will start to collect again data in a period from 0 to 15 min)

Test case id: **Filter on date**
Subsection: Module / Messages
Type: Functionality
Priority: 4
Preconditions: Mail application installed on target; Mail application on target configured with thousands e-mails into the account(s); MacOs agent newly installed and synchronizing.
Test data:
Steps 1:
* on Console: create new config with Messages Module enabled and new event to start and stop Messages Module; set date range so that ToDate is antecedent the oldest e-mail; set size at a very high value to encompass all e-mails; wait next two synchs
Expected result 1:
* new config activated
Steps 2:
* on target: force event start and let it run

Expected result 2:
* mail evidences not collected
Steps 3:
* on Console: change Mail Module configuration so that FromDate is later than the newest e-mail; wait next synchs
Expected result 3:
* mail evidences not collected
Steps 4:
* on Console: change Mail Module configuration so that date range is overlapping with e-mails date range
Expected result 4:
* mail evidences correctly collected

Test case id: **Filter on size**
Subsection: Module / Messages
Type: Functionality
Priority: 4
Preconditions: Mail application installed on target; Mail application on target configured with thousands e-mails into the account(s); MacOs agent newly installed and synchronizing.
Test data:
Steps 1:
* on Console: create new config with Messages Module enabled and new event to start and stop Messages Module; set date range to encompass all e-mails; set size to a very small value; wait next two synchs
Expected result 1:
* new config activated
Steps 2:
* on target: force event start and let module run
Expected result 2:
* only e-mails with size under configured size value are correctly collected
Steps 3:
* on Console: change Mail Module configuration so that size is a higher value; wait next synchs
Expected result 3:
* mail evidences correctly collected and not duplicated