NAE CLI Based Agents: Allows admin/user to configure NAE Agents as other features

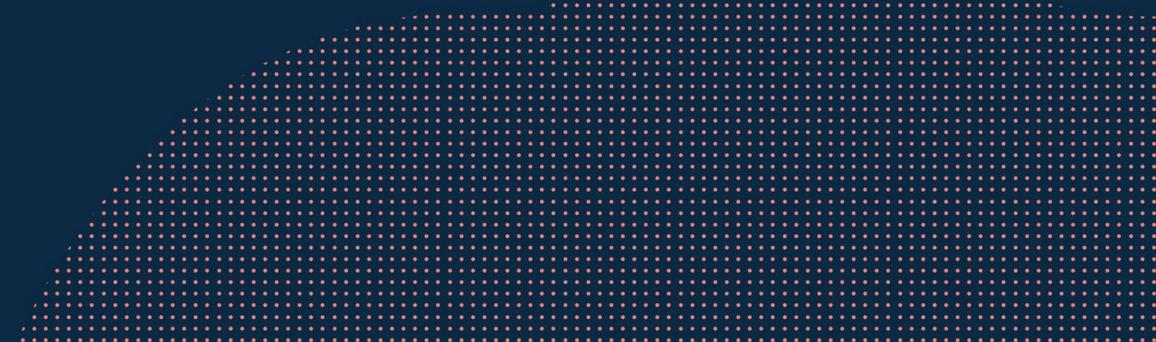
Presenters





Overview

NAE CLI Based Agents: Allows admin/user to configure NAE Agents as any other features!



Feature Overview: AOS-CX 10.9 – NAE CLI Based Agents

- What is NAE CLI Based Agents:
 - NAE agent that can be configured using AOS-CX CLI like other features.
- Why NAE CLI Based Agents:
 - simplified monitoring & watch capability to troubleshoot network using *Event Logs*, Debug Logs, OVSDB, SNMP MIB/Traps, Packets
 - Agent configuration from management tools like Aruba NetEdit and Aruba Central for better troubleshooting.

Example1

```
nae-agent lite crash_watch_agent
   watch crash_event event-log 1201
   set-condition watch event-log crash_event include
any "hpe-cardd"
    status minor/major/critical/normal
   syslog "Daemon crash detected"
    cli show core \n show uptime \n show system
!
nae-agent lite crash_watch_agent activate
```

Example2

```
nae-agent lite authentication_failure
  watch auth_failure event-log 4601
  set-condition watch event-log auth_failure count 5
    status major
    syslog "Authentication failure detected"
    cli show authentication locked-out-users \n show
system
!
nae-agent lite authentication failure activate
```

Feature Overview: AOS-CX 10.9 – NAE CLI Based Agents

```
nae-agent lite interface_watch_agent
watch interface_up event-log 403
watch interface_down event-log 404
set-condition watch event-log interface_down include all "1/1/4"
status minor
syslog "Interface 1/1/4 is down"
cli show interface 1/1/4
clear-condition watch event-log interface_up include all "1/1/4"
status normal
syslog "Inteface 1/1/4 is up"
cli show interface 1/1/4
```

nae-agent lite interface_watch_agent activate

<pre>nae-agent lite router_discovery_agent</pre>
watch router_disc_del event-log 3910
watch router_disc_add event-log 3909
<pre>set-condition watch event-log router_disc_del</pre>
status minor
syslog "Interface removed from router discovery"
cli show interface brief
clear-condition watch event-log router_disc_add
status normal
syslog "Interface added to router discovery"
cli show interface brief
!
<pre>nae-agent lite router_discovery_agent activate</pre>

10.09 Support: NAE CLI Based Agents

d in 10.09
to create NAE for monitor capability esource URI
er data sources: OVSDB, MIB/Traps, Packets, Debug logs
/conditions
s: ActionShell, ActionCallback, ActionEmail, ActionJob, ActionScript, ActionIPSLA, , ActionCustomReport, ActionCentral, ActionDisplay, ActionPacketCapture, y (ActionServiceNow, ActionSlack, ActionTopdesk)
s operations (i.e., average, rate, min-max, etc.,) or aggregators supported for watch mplex conditions and arguments support upport tor capability: gregators on the resource URI monitoring perator/value, for/duration, transition/from-to on resource URI monitoring
nds will not display time-series data ality – provision to create custom alias
100i
lit Integration
lit

10.09 Support: NAE CLI Based Agents

Supported in 10.09	Not Supported in 10.09
WebUI: NAE CLI – generated Agent workflow	 WebUI: No graph support for watch capability Script generation using NAE CLI agent from WebUI
Overview Page:	
 Display NAE watches (along with monitors shown) 	
 Scripts: 4/10, Agents: 1/10, Monitors: 4/130, Watches : x/y 	
Analytics Dashboard page:	
 + sign should be disabled for the agents having no graphs 	
 ie., WebUI should be able to support agents with no graphs 	
Script page :	
 Column "System Created" should be renamed to "Origin" 	
 Support 3 types of Scripts (system, user, generated). 	
• Please note, the word generated is not finalized, will be revised based on feedback from PLM.	
 The generated scripts/agents should only be in Read-Only mode in WebUI. 	
 Disable the Delete script and create agent buttons for generated scripts. 	
 Under the origin column display a different icon to represent the generated script 	
Script Detail Page:	
 Disable the + sign to generated agent script 	
Agent page :	
 Create should hide the generated Script. 	
 Edit, Disable, Enable and Delete should be disabled for agents from generated script. 	
Agent Details Window :	
 Disable the Edit option for generated agents. 	
 Display the graph only if the agent object contains the graph. 	
 If no graph is available in the agent object, then don't show the graph window. 	
Disable the Navigate button if no graph is displayed	
The scripts and the agents are displayed in read-only mode.	
No modification (enable /disable /edit / delete /create) will be allowed.	
Platform supported: 8400, 8320, 8325, 8360, 6300, 6200, 6400	6100, 6000, 4100i







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