2019-10-31 DCAE Meeting Notes

Bridge

New time (Effective from 03/14/2019 - until DST Ends)

Thursday, 9.00 – 10.00 AM EDT/13.00 -14.00 PM UTC

Bridge - zoom.us/j/824147956

Recording:

DCAE_Weekly_Meeting_10312019.mp4

Attendees:

Host: Vijay Venkatesh Kumar

VV	Vijay Venkatesh Kumar (AT&T) (Host, me,
GM	Guobiao Mo
	Tony Hansen
MS	Martin Sandberg (Ericsson)
AG	Alok Gupta (AT&T)
AD	Anusha Dasari
GM	Guobiao Mo
JC	James Cuddy
JO	Joseph O'Leary
JW	Junfeng Wang
KJ	Kornel Janiak
MS	Mark Scott

Discussion Topics:

Time (est)	Topics	Requester /Assignee	Notes/Links
	Notice: Meeting time change		New meeting time effective from 11/07/2019 (until 03/05/2020) Thursday, 10.30 – 11.30 AM EST/3.30 -4.30 PM UTC

1	Project Status (El-Alto)	Vijay Venkatesh Kumar	START RECORDING

PARTICIPANT LIST

- Release updates
  - https://wiki.onap.org/display/DW/Release+Planning#ReleasePlanning-El-AltoRelease
- Review Action Items from previous week
- Review El-Alto Earlydrop Commitments   28 issues
- Project Status in El-Alto Release
- DCAE Pair Wise Testing for El Alto Release
- 1: El Alto Release Integration Test Blocking Issues
- ~~INT-1296~~, INT-1181 ~~(PRH to be re-released; doc updated pending required by EOW)~~, ~~DCAEGEN2-1754~~, ~~DCAEGEN2-1793~~ (no new container), DCAEGEN2-1853(PRH staging job)
- El-Alto branch change from "el-alto" to "elalto"
  - "el-alto" marked as READONLY
  - "elalto" will be official ONAP branch for El-Alto release
- CSIT failures - https://jenkins.onap.org/view/dcaegen2/
  - ~~DataFileCollector~~
  - ~~HV VES~~
  - ~~VES~~
  - PRH - dcaegen2-master-csit-prh-testsuites
- Documentation
  - Repo has been branched
  - Component owner to verify version/tag/blueprint reference under documentation repo (dcaegen2)
  - ~~Will be branched by 10/07~~
- **Self release of PRH and DCAE bootstrap POD**

☐   SDK jar need to be released? (master)

☐   PRH and DCAE bootstrap container (El-Alto version) to be released Piotr Wielebski Kornel Janiak |
| 2 | Project Status | Vijay Venkatesh Kumar | ☑   Review Action Items from previous week

- Release Planning: Frankfurt
- Frankfurt Code Impact View per Component
- Review Frankfurt Commitments
  - Frankfurt Release Requirements
  - DCAE R6 M1 Release Planning
- Project Status in Frankfurt Release

  - M1 - ⚡ ~~DCAEGEN2-1796~~ - Frankfurt release planning milestone `CLOSED`

- Pair wise Testing (DCAE Pair Wise Testing for El Alto Release) (post M4)
- Frankfurt Release Integration Test Blocking Issues (post M4)
  - ONAP "Use Case/Requirement" Integration Lead
- Branching status (post M4)
- CSIT failures - https://jenkins.onap.org/view/dcaegen2/
- Documentation

TSC Prioritization: [Onap-release] Frankfurt - ONAP TSC Prioritization.pdf (RANK#0 and RANK#1 should be completed before Functional/Usecase work can be addressed) |
| 3 | E2E Network slice impact | LIN MENG Swa minathan Seetharaman

Guobiao Mo | REQ-146: Usecase review/ DCAE impact

⚡ ~~DCAEGEN2-1878~~ - Support 5G slicing - E2E network slicing use case `CLOSED`

Issues discussed during review needing further review

☐   E2E Network slice per latest prioritization/update under Frankfurt Release Requirements has no DCAE impact identified. ARC approved only new adapter in SO and External API

☐   Flow proposed on 10/31 has couple of issues.
  - Following components should be outside DCAE scope
    1. DataLake (elastic search)
    2. Kpi collector (for getting proprietary fileready notification); this should be bundled within VNF/simulator
    3. Kpi MS (providing api to ExternalUI) doesn't fit under DCAE function either
  - VES Adapter/collector does not subscribe from Dmaap
  - Kpi MS1 function can be replaced by DL adapter subscribing into DRdirectly.

The new flow/proposal will require signoff again from ARC if TSC confirms DCAE impact for this UC |
| 4 | VES spec 7.1.1 updates | Alok Gupta | 10/31 - Deferred for next week

Review planned updates for VES 7.1.1

AttServiceSpecification-VesEventListener-v7.1.1 - AG1 DRAFT.docx

VES Event Registration Specification 3.2.1 Draft.docx

- Impacts VES Collector to use new VES schema file (CommonEventFormat_30.1.1.json)

Provide any feedback by 10/24 to Alok Gupta. Targeting formalize/release of VES updates by EOM; will be work with VNFSDK and Modelleing for release. |
| 5 | VES 8.0 updates review | Alok Gupta

Marge Hillis | 10/31 - Deferred for next week

Review 8.0 domain updates (⚡ ~~DCAEGEN2-1769~~ - Add stndDefined domain to VES Collector `CLOSED`

- Review mandatory field list if should be classified as optional to consider other similar stream
- cmNotify has consensus; fault (update required to support fault3gpp) being worked.

☐   Combine both updates and publish 8.0 before M3

ONAP CM NOTIFICATIONS October 24.pptx |

6		CBS TLS in SDK	Piotr Wielebski	10/31 - Deferred for next week

10/31 - Deferred for next week

ticket: https://gerrit.onap.org/r/#/c/dcaegen2/services/sdk/+/94266/

Confluence: TLS support for CBS - Migration Plan

K8s plugin updates (DCAEGEN2-1550)

1. Cloudify deployments of service components should include following environments
   - CONFIG_BINDING_SERVICE=<cbs_k8s_service_name>
   - DCAE_CA_CERTPATH=/opt/dcae/cacert/cacert.pem **(this will be default unless overridden by component via blueprint)**
   - CBS_CONFIG_URL=https://config-binding-service/service_component_all/<scn>
     - #scn Unique Servicecomponent name

"**Library Enhancement (CBS java sdk -** DCAEGEN2-1552**, CBS python util - DCAEGEN2-1551)**

1. Verify if the new environment setting for TLS (below) added by K8s plugin is visible within POD.
   - CONFIG_BINDING_SERVICE=<cbs_k8s_service_name>
   - DCAE_CA_CERTPATH=<path>
2. If DCAE_CA_CERTPATH is defined, use the cacert for establishing secure end-point to interface with CBS (port 10443)
   a. An optional CBS_CONFIG_URL will be exposed providing the exact URL to be used for configuration retrieval. Application/Libraries can use this URL directly instead of constructing URL from HOSTNAME (which refers to ServiceComponentName) and CONFIG_BINDING_SERVICE env's. By default, this URL will use HTTPS CBS interface
3. If TLS env is undefined, use R4 service name and port (10000) to interface with CBS (HTTP)

   Note: Libraries should stop using Consul service discovery to find CBS; instead rely on kubernetes DNS name (exposed via env CONFIG_BINDING_SERVICE) and port 10000 for HTTP and 10443 for HTTPS. Service registration on Consul will not be done for CBS TLS service"

Current implementation relies on trust.jks being available. Following options to be explored

- Option 1: Work/address issue around using cacert.pem for CBS connection (original proposal)
- Option 2: Enabled use_tls: true for all DCAE MS deployment (in blueprint) to ensure all AAF cert/trust and distributed (regardless of the MS/component being setup as server or not)
- Option 3: Modify K8s plugin to include **trust.jks** (with its corresponding password **trust.pass**) distribution by default along with cacert.pem

Note: Current SDK change https://gerrit.onap.org/r/#/c/dcaegen2/services/sdk/+/94266/ relies on **Option#3**

Option 3 preferred; Nokia team will analyze the impact for k8s plugin updates.

7		Resource commitment for Frankfurt support	Vijay Venkatesh Kumar	Contributors to review and update contacts and jira/component focus under Resources
8		Java 11 Migration	Vijay Venkatesh Kumar	Identify components to be targeted for Java11 migration/support in Frankfurt
		El-Alto Demo	Vijay Venkatesh Kumar	ONAP Community Awards: El-Alto Release (Demos Only)

Open Action Items

- [ ] PM Mapper plan to support new 3gpp 5g spec updates for Frankfurt - Joseph O'Leary Damian Nowak
  - Ericsson planning to support 5g schema outlined under 28.550/28.532 for Frankfurt; the spec to be confirmed with Damian/team. Ericsson committed for Development, Nokia support may be needed for integration/test.

New Action items

Seeking Community support

Topic/JIRA	Current Status	Planned Work
Docker build consistentency (DCAEGEN2-1579)	JIRA cover broad aspect of standardizing DCAE component build process and docker tagging. 1. Nokia team proposal identifies best practice for docker tagging optimized-dockers-jvm.pdf. 2. Following components migrated to new docker tagging best-practice a. PRH b. PM-Mapper	**Need volunteer from community to support** - Standardize pom/jjb template for all dcae component (java and python) - Plugin list alignment with oparent - Python build dependency on script to be reduced;