Integration Priorities for Guilin

This is a draft page to be discussed with Integration team to define priorities for Guilin

X-projects

- Maintain java11
- create python3.8 baseline image

Repositories

- Adopt the approach to create a repo for new use cases / simulators
- Add linters to all the new repositories
- Add new linters (robot, bashate, rst)
- How to get a consistent view on all the repositories, shall we tag all the repositories,..
- update xtesting repo and put in place the build chain in ONAP (move from gitlab.com to ONAP)
- update java/python3.8 in ONAP (move from gitlab.com to ONAP)

Robot pod

- Adopt micro-service approach introduced by Daniel (propto in F)
- move the helm chart back to OOM

Use case support

- Write an documentation 'Use case guideline"
- Test creation of an override.yaml per use case to be able to deploy adhoc environment in windriver

Tests

- update the tests
- harden the simulators/emulators (no more in xfail lists)
- clean? are all the tests still maintained?
- archive CIST? => projects can bring back their tests in their repository but jenkins CSIT not needed anymore
- move some of the CIST tests in Daily CI
- introduction of python_sdk for new tests (deprecate onap-tests)
- improve security tests (Integration and Built Tests For Releases)
- How to measure the test coverage?
- How to get better healthcheck tests and "force" project to update them when they provide a new version of their code
- Support OOM on a use case for Core on F G migration

Labs

- include endpoint supervizion page? (cachet?)
- Ops guideline (Zabbix/Prometheus/...) ?

CI/CD

- improve CI chains and CI testing gate
- new smoke use case
    - vFW CL
    - CDS
    - ...
- integration of Portal GUI tests
- finalize windriver/gitlab.com pipelines
- introduce a weekly CI chain including robustness tests

Caterogy	Task	nb people interested (add a "|" if you think it is valuable)	contacts	priority	Comment
X-project	maintain java11	|	Morgan Richomme		
	create python 3.8 baseline	||	Morgan Richomme		
	maintain oparent	|	Pamela Dragosh		
Repositories	Finalize generalization of linters	||	Morgan Richomme Bartek Grzybowski		
	Create new repo (simu/use cases)	||	Morgan Richomme		
	reinsource build chain for java	||	Morgan Richomme	medium	it is working very well in gitlan..but it is better to reinsource if we want to have contributors only allowed to contribute to ONAP. it is cleaner
	reinsource xtesting build chain	||	Morgan Richomme	low	same than for java
testsuite	adopt microservice approach	|			we missed it in Frankfurt to be done with the python3 final step + OOM chart back to helm
	finalize python3 migration	|			
	Move OOM chart back to helm	|			
use case	create a starting guide	||	Morgan Richomme		can be based on the slide deck shared with use case people
	create overide.yaml per use case / to dedicated automatic deployment	|	Morgan Richomme		will depend if issue on windriver (slow access through python client) is fixed
tests	update/maintenance of existing tests	||	all		
	component coverage				good idea but how to do that...
	discussions with projects to improve healthcheck	|	Morgan Richomme		status to be shared with PTLs + discussed with RM to set a milestone criteria?
	update security tests - check versions of upstream components	||	Pawe Wieczorek		
	update security tests check java11/python3.8	||	Pawe Wieczorek		
	update security tests - check certificates validity	|	Morgan Richomme		there was a script somewhere..need to find it, create a test and integrate it in CI
	update security tests - check limits	||	fabian rouzaut		test already exists and in CI => not valid for daily (unlimited) but good in gating to be used for Guilin criteria
	update existing security tests (review xfail list, cist,..)	|||	Amy Zwarico Pawe Pawlak Krzysztof Opasiak		the xfail lists of the different security tests will be reset for guilin
	archive CIST?	|	Morgan Richomme		current CSIT = functional tests => must be reinsourced by the project real CIST must be in CI
	move CIST to E2E tests in CI	|			to be discussed with the projects maintaining their CIST tests
	deprecate onap-tests / use python-onapsdk	||	Morgan Richomme		
	Support OOM for a migration	|			
	stress tests	|			
	long duration tests	|			
	update integration web page	|			
Labs	supervision/monitoring	||			
	Create a ops guideline (with OOM?)	||			
	infra gate (functest)?	|			
CI/CD	Integrate vFW CI test	|			

	Integrate CDS tests	|			
	Integrate GUI tests	|			
	Create 5G xtesting dockers and integrate in CI?	|			
	finalize windriver pipelines	|			
	introduce a weekly pipleine (for long duration tests)	|	Morgan Richomme		