Project Plan: JSON examples for ODL User Guides by Dhiraj Sharma

Goals

Add **JSON, XML payloads** for *OPENFLOW, NETCONF, ODL Controller* and look for their functionality with existing JSON, XML payloads.

Migrating Wiki contents of *OPENFLOW, NETCONF, CONTROLLER, MDSAL, OPFLEX, YANGTOOLS, INTEGRATION, TEST, INFRAUTILS from* https://wiki-archive.opendaylight.org/view/Main_Page *to* https://wiki.opendaylight.org/

Tasks

#	Activity	Due Date	Status
1.	Adding **JSON** payloads along with **XML** payloads in **OPENFLOW** User Guide	22 Jun 2020	COMPLETED
2.	Migrating wiki content of **OPENFLOW** documentation	06 Jul 2020	COMPLETED
3.	Adding **JSON** payloads along with **XML** payloads in **NETCONF** User Guide	27 Jul 2020	COMPLETED
4.	Migrating wiki content of **NETCONF** documentation	10 Aug 2020	COMPLETED
5.	Conclude **OpenFlowPlugin** and **NETCONF** user guides	24 Aug 2020	COMPLETED
6.	Migrate wiki content of **CONTROLLER**	07 Sep 2020	COMPLETED
7.	Migrate wiki content of **INTEGRATION, TEST**	21 Sep 2020	COMPLETED
10.	Migrate wiki content of **YANGTOOLS**	13 Nov 2020	COMPLETED

Deliverables

- *OPENFLOW, NETCONF, ODL Controller* documentation with **JSON** and **XML** Payloads
- **Migration of wiki pages** of *OPENFLOW, NETCONF, ODL Controller, MDSAL, OPFLEX, YANGTOOLS, INTEGRATION, TEST, INFRAUTILS from* https://docs.opendaylight.org/en/stable-magnesium/ *to* https://wiki.opendaylight.org/

Implementation

- I have planned to use https://pypi.org/project/xmljson/ python package to convert XML to JSON for payloads which will create an error with ODL conversion.
- The converted payload can be tested on ODL controller for verification and accordingly changes will be done manually to the payload for further improvement, if it is not satisfactory.

Milestones

Week 6

- ☑ Setting up mininet, **ODL** and understanding **OPENFLOW**
- ☑ Adding **JSON** payloads along with **XML** payloads in **OPENFLOW** User Guide
- ☑ Migrating wiki content of **OPENFLOW** documentation

Week 12

- ☑ Adding **JSON** payloads along with **XML** payloads in **NETCONF** User Guide
- ☑ Migrating wiki content of **NETCONF** documentation

Week 18

- ☑ Migrate wiki content of **CONTROLLER**|
- ☑ Migrate wiki content of **INTEGRATION, TEST**

Week 24

- [x] Migrate wiki content of **YANGTOOLS**
- [ ] **Summary Report**