Quanta Cloud Technology Collaborative Agreement

**This is not a legal document. It does not create any kind of legal relationship. It is just a template to exchange information.

1. **Main Contact Window**
    A.   Name: Ulysses Lu
    B.   Company Name: Quanta Cloud Technology (QCT)
    C.   Contact Email: Ulysses.lu@qct.io
    D.   Contact Phone +886 988171382

2. **Description of Proposed Collaboration**

    Quant Cloud Technology (QCT), as a global cloud and datacenter solution provider, have been devoting into hyper converged infrastructure with standard and open SKUs for years. Since software defined network (SDN) and network function virtualization (NFV) has become strategic direction for telecom customers, QCT would like to contribute ourselves and help customers to reach next level data centers. The collaboration we proposed as follow,
    A.   Deployment: Assign engineers resource to assist setting up CORD testbed by using Open Compute Platform (OCP) for CORD deployment.
    B.   Hardware: There are equipment available (at least 12 nodes at present) to provide CORD lab usage. We will have one engineer as a contact window to help community to leverage these valuable resources.
    C.   Evangelism: QCT has solution center is San Joes, CA with good facility. We would like to help CORD community for integration testing, solution showcase and event supporting, like seminar or hackathon.

3. **Resources**

Title	Name List	Role
Engineering AVP	Gary Lee	Overall project ownership. Defines project goals, system architecture, targeted technical skills and resource management
Network Architect	TH Tsao	Overall planning, management and configuration of sever, storage and switch, which including server configuration, wiring diagrams with detail design for particular switch, …
Network Engineer	Tony Chou	Daily operation and technical implementation
Business Development	Richard Wu	Overall responsible for internal and external project resource allocation in business development
Business Development	Ulysses Lu	Serve as coordinators of internal and cross-functional communication. Examine and generate sales lead with sufficient market information collection.

4. Deliverables and Timeframe

Time Frame	QCT Deliverable	QCT Owner
Q4, 2016	Work with community to understand the resources for test bed setup in US.	Ulysses/ TH Tsao
Q1, 2017	Input engineer resource into CORD Pod test bed deployment and running.	Ulysses/ TH Tsao/Tony
Q2-Q3, 2017	Integrate CORD into QCT products and help introduce CROD as choice of service delivery to to other partners.	Ulysses/ TH Tsao/Tony
Q4, 2017	Enabling the discussion of Hardware roadmap planning by implementation CORD structure for Telco customer.	Ulysses/ TH Tsao/Tony/Gary

5. Questions Feedback

A. What testbed will get built and what will it test and who will have access to it?

QCT Feedback: Community will have access to it through the VPN we provide. And we will not join **WITHOUT** project owner's permission.

B. What doest it mean by 12 nodes available?

QCT Feedback: Each node in detail HW configuration with component amounts as below, these are OCP severs available in our US solution centre now.

CPU	AJSR1XRQA00	Intel Xeon E5-2660 v3 2.6G	8
Label	$LAB000001	LAB BOM LIST	1
Network	3JF03MA00D0	ON 10GbE 82599EN-QCT	4
RAM	ATR3GAGM513	DDR4 2133 16G Samsung 16384 MB DDR4 2133 MHz	8
RAM	ATR3GAGMW15	Hynix DDR4 2133 16G	2
Server	1F06ZZZ0ST1	OCP F06A	1
SSD	ABS00800012	SATA 2.5" 800GB SSD (THNSNJ800PCSZ)	8

C. What does it mean to integrate CORD with their solutions?

QCT Feedback: Our final goal is to set up live demo environment in our solution centre in the near future. We hope to have CORD community's help to walk us through how to setup R-CORD, E-CORD or M-CORD environment including choosing correct Hardware configurations for teleco operators. We expect to have workshop or at least installation guidance for CORD setup.

D. Will there be a charge to use the prototyping rroms or a charge for the calssrooms?

QCT Feedback: There is **NO** charge to use prototype rooms in our solution centre once QCT become collaborator of CORD project. Also if there is any event holding and want to use our solution centre, pls kindly let us know in advance. There will be some application process to run internally (normally 3-4 wks.).

E. If there is possibility to have QCT involve with the collaboration of ON-Lab and China telecom customers on CORD project, what will QCT play in this role?

QCT Feedback: It would be great if QCT are able to join CORD setup through ON-Lab introduction to China telecom customers. After having details project information, including scales and project milestones, QCT will evaluate the investment including HW equipment and engineering resource to support ON-Lab and end customers for future business collaboration.