

## System Management WG Meeting: 10/16/18

**Attendees:** Attendees that may have joined after the start of the meeting may not have been captured and listed.

Discussion and action items as a result of meeting in **RED**

### Old Business

- Progress report from Akram Ahmed on the Delhi system management implementation (SMA and MSM API)
  - What's done and ready
  - What's being worked
  - What will slip to dot release or Edinburgh release
- Edinburgh release metrics – what do we want the services to provide beyond memory usage?
  - CPU usage
  - REST API hits
  - REST API calls (to other services)
  - REST API Response times
  - Messages pushed or received on a topic
  - Number of log level messages (ERROR, WARN) in a period
  - <https://github.com/rcrowley/go-metrics> Go library for metrics
  - <https://theneystack.io/the-hows-whys-and-whats-of-monitoring-microservices/>

### New Business

- Face to Face meeting – any additional system management topics to discuss
  - Scope - What's in the next release for system management
  - What is scope of system management in general (long term – part of Arch day discussions)
  - Deployment/orchestration options (Kubernetes, et al)
  - What translations do we support (LWM2M, OMA DM, SNMP, etc.) and which one is first
  - What other metrics do we want to collect

				1 - COMPLETENESS OF TASK	2 - EASE OF TASK COMPLETION	3 - SOPHISTICATION OF SOLUTION	4 - TIMING OF TASK
DEVICE MANAGEMENT				C	S	E	T
DEPLOYMENT	00-01-01	Add new managed logical device to platform		3	2	1	7
	00-01-02	Add new unmanaged logical device to platform		3	3	2	3
	00-01-03	Configure/compile device agent for a device		3	2	3	9
	00-01-04	Deploy device agent and establish bidirectional communication		3	2	1	14
	00-01-05	Deploy device and establish unidirectional communication		3	2	3	2
CONNECTIVITY	00-02-01	Monitor current network status		3	1	3	1
	00-02-02	Monitor historical network status		0	0	DnF	DnF
DEVICE OPERATIONAL STATUS	00-03-01	Assign single device to a group		3	2	3	2
	00-03-02	Configure customer-defined metadata parameter		3	3	3	2
	00-03-03	Configure device metadata parameter		3	3	3	1

