draft-ietf-eman-framework-07

B. Claise, J. Parello, B. Schoening, J. Quittek, B. Nordman
draft-ietf-eman-framework-07

- Issues Tracker
  - Closed issues
  - Open issues
- Review Notable changes
- Discuss Editorial Open Issues
- Discuss Contextual Open Issues
Issue Tracker

• Closed Issues
  
  #5 Review UML with latest draft from Monitoring MIB/Aware.
  #6 States and ASHRAE Curtailment
  #7 Clarify power interfaces
  #8 List EMAN curtailment levels
  #12 how summation occurs framework
  #16 c. What does parent/child mean when the direction of power flow...
  #18 e. Clarify relation among aggregation, proxying, and IP/non-IP devices
  #19 f. Possibility to merge some keyword variables? 07
  #20 g. Add a reference to some external definition 5
  #22 i. Are there any power source or metering relationships not covered by data present about the wiring topology?
  #23 Figure 6. Clarify that Parent/Child communication can be accomplished...
  #24 no need for a separate concept of a meter
  #25 l. Figure 7 seems unnecessary to include?
  #26 ASHRAE 201P Power Quality
Issue Tracker

• Open Issues
  Editorial
  
  #4  Re-organize sections
  #27  Add text on components from consensus at IETF 85
  #28  Ensure information in deleted section req and use cases in other documents
  #30  Power State and Power State Sets introduction

  To Add:
  
  #xx  Add Nameplate class for items such as nominal voltage range
  #xx UML update an add external format in appendix

  Contextual
  
  #29  IANA Considerations section needs more detail

Propose to Close

  #17  d. Is aggregation a relationship, or just a function?
  #21  h. Clarify the intended application of the Domain concept?
Notable Changes

• With the work from closed issues these are notable to this revision
  – New TOC
  – Energy Management Domain clarified and consistent
  – Revised aggregation and limited scope
  – Updated relationship descriptions
  – Added device component clarifications
  – Updated UML and added r/w values
Editorial: Reorganize Sections

• Issue #4 Re-organize is WIP
• Table of Contents / Outline
  1. Introduction
  2. Terminology
  3. Issues Specific to Energy Management
  4. Energy Management Abstraction
  5. Energy Management Information Model
  6. Example Topologies
  7. Relationship with other Standards
  8. Security Considerations
  9. IANA Considerations
OPEN: IANA Considerations and Power States

- Need to define exactly what the IANA listings and values will be
- Need to add text and tables to specify the registry for Standard sets and states within sets
- Need to add how this would be revised at IANA
OPEN: Nameplate Expansion for Nominal Values

1. Expansion of Nameplate as a class of attributes
   • Requirements added voltage range as a nominal value.
   • Only have one attribute for a nominal value
   • Other specs have full class
   • May need to add a Nameplate class
   • Is this per entity or interface?
     • Requirement says must for entity?

2. Can all nameplate values be replaced as a URI
Example: Nameplate for Nominal Values

Ashrae 201p
OPEN: UML

- UML Needs update from Requirements, MIB, and other standards again
  - Presentation from SCTE working group today
  - Need consensus that UML is agnostic to implementations
  - How to represent UML in document versus simple ascii (XMI?)
Thank You